General Product Catalog
Genel Ürün Kataloğu

SINCE 1974
SARBUZ®
HEAT EXCHANGERS

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TR

SARBUZ ISI TRANSFER CİHAZLARI SAN. ve TİC. A.Ş. iklimlendirme soğutma sektörüne hizmet vermek amacı ile 1953 yılında kuruldu. Sektörde her geçen yıl artan tecrübe ve bilgi birikimi sayesinde kendisine kararlı bir yol çizen SARBUZ, 1974 yılından itibaren kanatlı ısı değiştiricisi imal etmeye başladı.

SARBUZ, 40 yılı aşkın süredir ticari ve endüstriyel ısıtma-soğutma, iklimlendirme, enerji ve mobil soğutma sektörleri için evaporatör, kondenser, kuru/yaş soğutucu, su bataryası, buhar bataryası, OEM eşanjör imalatı yapıyor. Sektörün köklü üreticilerinden biri olan SARBUZ, en üst seviyede kaliteyi sağlamak amacı ile makine yatırımlarına ara vermeden devam ederek ürün yelpazesini güncelliyor ve genişletiyor.

Kurulduğu günden bu yana gelişimi, vizyonunun bir parçası haline getiren SARBUZ, kurumsallık konusunda da sektörüne örnek teşkil edebilecek bir rol oynuyor. Gelişim, kurumsallık konusundaki hassasiyeti ve tüm paydaşlarına duyduğu ortak sorumlulukla ISO 9001:2008 Kalite Yönetim Sistemi'ni amaç ve hedefleri doğrultusunda en etkin biçimde kullanıyor. SARBUZ, ayrıca toplam kalite yönetimi sayesinde sistem ve süreçlerini müşteri beklentilerini de esas alarak sürekli iyileştiriyor. İklimlendirme soğutma sektöründe öncü şirketlerden biri olan SARBUZ'un gelecek hedefleri arasında, kurucularının çizdiği prensiplerden taviz vermeden, en yetkin kadro ile en iyisini, en yeni ve iyi teknoloji ile üretmeye devam etmek bulunuyor.

EN

SARBUZ HEAT EXCHANGERS Industry and Commerce Inc. was established in 1953 with the purpose to serve HVAC-R industry. Through its gradually increasing experience and knowledge by years, SARBUZ has started manufacturing finned type of heat exchangers in 1974.

SARBUZ has been manufacturing evaporators, condensers, dry/wet coolers, water coils, steam coils, OEM heat exchangers for commercial and industrial HVAC-R companies as well as energy and mobile refrigeration sector for more than 40 years. As one of the oldest established manufacturers, SARBUZ is expanding and updating its product range and continuing its machine investments to maintain the finest quality.

Considering development as a part of its vision, SARBUZ has also been playing an exemplary role to the sector for institutionalism since the day it was founded. With improvement, the sensitivity of institutionalism and the joint liability to all its shareholders, SARBUZ has been using ISO 9001:2008 Quality Management System in the most efficient way in accordance with its goals and purposes. SARBUZ, has also been improving its systems and processes with taking the expectations of its customers as a basis through total quality management.

Being one of the leading companies in HVAC-R industry, SARBUZ has the future aim of keeping the principles of its founders, reaching the best with the most competent team and manufacturing with the newest and the latest technology.

RU SARBUZ Теплообменное Оборудование с целью служить ОВК и охлаждения, сектор был создан в 1953 году. С увеличением опыта и знаний в секторе ежегодно, начиная с 1974 года, он начал производство теплообменника.

SARBUZ имеет более 40 лет коммерческого и промышленного отопления и охлаждения, кондиционирования воздуха, электропитания и охлаждения секторов для мобильных испаритель, конденсатор, сухое / влажное охлаждения, паровой смеситель и OEM производство теплообменников. SARBUZ, один из крупнейших производителей в этом секторе. Обеспечивает качество на самом высоком уровне. Продолжая инвестировать обновление и расширение ассортимента продукции.

С момента своего создания, что делает видения пример которого играют роль в институционализации в секторе. Развитие институционального и чувствительность на совместной ответственности всех заинтересованных сторон, чтобы быть ISO 9001:2008 системы менеджмента качества в соответствии с целями и задачами, используя наиболее эффективный способ. SARBUZ также постоянно улучшает общее качество управления путем систем и процессов, основанных на ожиданиях клиентов.

кондиционирования воздуха и охлаждения промышленности от SARBUZ следующей цели, которая является одним из ведущих предприятий, без ущерба для принципа, что привлекает его учредителей, самый лучший и самый компетентный персонал, продолжала выпускать новейшую и лучшую технологию.

AR لقد تم تأسيس شركه ساربوز للتبادل الحراري الصناعيه التجاريه في عام 1953 من اجل خدمة صناعات ايتش في ايه سي – ار. من خلال الخبره التي تم اكتسابها بثبات خلال سنوات عملها. لقد بدأت شركة ساريوز بتصنيع متبادلات الحراره المجنحه في عام 1974.

ان شركة ساربوز تقوم بإنتاج المبخرات, المكثفات, المبرداد الجافه و الرطبه, الملفات المائيه, الملفات البخاريه, متبادلات الحراره المخصصه للاستعمالات التجاريه و الصناعيه لشركات ايتش في ايه سي – ار , و كذلك لشركات الطاقه و التبريد المتحرك و لاكثر من 40 عاما.و لانها من اعتق الشركات المنتجه و اقدمها فان ساربوز تتوسع و تتطور بشكل مستمر قي مجالاتها المختلفه و كذلك تقوم بالاستثمار في معداتها الصناعيه من اجل ضمان اعلى أنواع الجوده.

من خلال اعتبار التطور جزء من رؤيتها فان شركة ساربوز تلعب دورا استثنائيا في قطاع المسسات منذ اليوم الأول من افتتاحها. من خلال تطوراتها, و حساسياتها للمؤسساتيه الصناعيه, و كذلك الاعتماد على حاملي أسهمها الخبراء فان ساربوز تستخدم أنظمة ايزو 9001:2008 لاداره الجوده و باكفأ الطرق و ذلك بالتناسق مع أهدافها. ان ساربوز تقوم بتطوير أنظمتها و عملياتها من خلال جمع المعلومات حول توقعات زبائنها الكرام و جعلها أساسا لاداره الجوده بشكل عام.

من خلال موقعها المتقدم في صناعات ال ايتش في ايه سي – ار فان ساربوز تهدف الي المحافظه علي مبادئ مؤسسيها , الوصول الى افضل فريق عمل و كذلك التصنيع باحدث المعداتو اخر ما توصلت له التكنولوجيه.

Oda Soğutucuları / Unit Coolers

Ürün Seçimi / Product Selection

Örnek Seçim - 1 / Selection Example - 1

Evaporator çalışma koşulları standart şartlarda değil ise aşağıdaki formül ve tablolar kullanılarak ürün kapasitesi uygun SC şartına dönüştürülür. Bu durumda oda sıcaklığına uygun lamel aralığı seçilip belirlenmiş olan SC şartındaki kapasite değerinden ürün seçimi önerilmektedir.

If the operating condition of the evaporator is different than Eurovent standards, please use the following formula and tables to convert your capacity to proper SC conditions. In this case, the evaporator can be selected from suitable fin space and SC columns.

Soğutma yükü / Cooling capacity **Qr = 25000 W**
Oda sıcaklığı / Room temperature **Tr =+2°C**
Evaporasyon sıcaklığı / Evaporation temperature **Te =-8°C**
ΔT = Tr - Te = (2)-(-8) =10 K
Soğutkan / Refrigerant = **404A**
Fin malzemesi / Fin material = **Al**

$$Q_n = Q_r \times \frac{A_1}{A_{1SC}} \times A_2 \times A_3$$

$$Q_n = 25000 \times \frac{0{,}75}{1} \times 1 \times 1 = 18750W$$

SC2 şartlarında;
Seçilen evaporatör / Selected evaporator **SBE-64-250L - 19380 W**

Örnek Seçim - 2 / Selection Example - 2

Evaporatör çalışma koşullarının Eurovent standart şartlarında olması durumunda, ilgili şarttan direkt seçim yapılır. Bu örnekte -18˚C oda sıcaklığı ve -25˚C evaporasyon sıcaklığı için 8mm veya 10mm lamel aralığından ve SC3 kapasite değerinden ürün seçilmesi önerilmektedir.

The evaporators can be directly selected from the related tables, when the evaporator operating conditions are same with Eurovent Standard conditions. For this example, the evaporator can be selected from 8mm or 10mm tables, directly from SC3 columns.

Soğutma yükü / Cooling capacity **Qr = 10000 W**
Oda sıcaklığı / Room temperature **Tr =-18°C**
Evaporasyon sıcaklığı / Evaporation temperature **Te =-25°C**
Soğutkan / Refrigerant = **404A**
Fin malzemesi / Fin material = **Al**
SC3 şartlarında;
Seçilen evaporatör / Selected evaporator **SBE-84-340 - 10420 W**

A_1 Düzeltme katsayısı / Correction coefficient

$\Delta_t = T_r - T_e$ Sıcaklık Farkı Temperature Difference \ Tr (°C)	-35	-30	-25	-20	-18	-15	-10	-5	0	1	2	3	4	5	6	8	10	12
10	0,92	0,92	0,91	0,89	0,88	0,86	0,84	0,82	0,80	0,77	0,75	0,72	0,70	0,68	0,68	0,68	**0,68**	0,68
9	1,02	0,92	1,01	0,98	0,97	0,96	0,93	0,91	0,89	0,86	0,83	0,81	0,78	0,76	0,76	0,76	0,76	0,76
8	1,15	1,15	1,14	1,11	1,10	1,08	1,05	1,02	**1,00**	0,97	0,93	0,91	0,88	0,85	0,85	0,85	0,85	0,85
7	1,31	1,31	1,30	1,27	**1,25**	1,23	1,20	1,17	1,14	1,10	1,07	1,04	1,00	0,97	0,97	0,97	0,97	0,97
6	1,53	1,53	**1,52**	1,47	1,46	1,44	1,40	1,37	1,33	1,29	1,25	1,21	1,17	1,14	1,14	1,14	1,14	1,14
5	1,84	1,84	1,82	1,77	1,75	1,72	1,68	1,64	1,60	1,55	1,50	1,45	1,40	1,36	1,36	1,36	1,36	1,36
4	2,30	2,30	2,27	2,21	2,19	2,16	2,10	2,05	2,00	1,93	1,87	1,81	1,75	1,70	1,70	1,70	1,70	1,70
A_{1SC}			SC4		SC3				SC2								SC1	

A_2 Oda sıcaklığına (Tr) Göre soğutucu gaz katsayısı / Refrigerant coefficient according to room temperature (Tr)

Tr (°C)	-35	-30	-25	-20	-18	-15	-10	-5	0	1	2	3	4	5	6	8	10	12
R22	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05	1,05
R134A	-	-	-	-	1,18	1,16	1,14	1,12	1,10	1,10	1,10	1,09	1,09	1,09	1,09	1,08	1,08	1,08
R404A	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
R407C	0,74	0,74	0,74	0,75	0,76	0,77	0,78	0,79	0,79	0,79	0,80	0,81	0,81	0,81	0,81	0,82	0,83	0,83
R407F	0,74	0,74	0,74	0,76	0,78	0,78	0,79	0,80	0,81	0,81	0,81	0,82	0,82	0,83	0,83	0,83	0,84	0,84
R448A	0,76	0,76	0,76	0,78	0,78	0,78	0,79	0,79	0,79	0,79	0,79	0,80	0,80	0,80	0,81	0,81	0,81	0,81
R449A	0,79	0,79	0,79	0,80	0,81	0,81	0,81	0,81	0,81	0,81	0,81	0,82	0,82	0,82	0,82	0,83	0,83	0,83
R507A	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03	1,03
R452A	0,87	0,87	0,87	0,88	0,88	0,88	0,88	0,89	0,89	0,89	0,89	0,91	0,91	0,91	0,91	0,91	0,91	0,91

A_3 Malzeme düzeltme katsayısı
Fin material correction coefficient

Alüminyum Aluminium (Al)	Kaplamalı Alüminyum Coated Aluminium (Al PC)	Bakır Copper (Cu)
1,00	1,03	0,97

Eurovent EN 328 standart çalışma şartları
Standart conditions according to Eurovent EN 328

Standart Kapasite Şartları Standard Capacity Conditions	Hava Giriş Sıc. Inlet Air Temp.	Evaporasyon Sıc. Evaporation Temp.	Önerilen Lamel Aralığı Recommended Fin Space
SC1	10	0	4 - 6 mm
SC2	0	-8	6 - 8 mm
SC3	-18	-25	8 - 10 mm
SC4	-25	-31	10 mm

Şok Soğutucular / Shock Freezers

Ürün Seçimi / Product Selection

Örnek Seçim - 1 / Selection Example - 1

Evaporator çalışma koşulları standart şartlarda değil ise aşağıdaki formül ve tablolar kullanılarak ürün kapasitesi SC5 şartına dönüştürülür. Bu durumda ürün tipi belirlenip SC5 kapasite değerinden ürün seçimi önerilmektedir.

If the operating condition of the evaporator is different than Eurovent standards, please use the following formula and tables to convert your capacity to SC5 conditions. In this case, the evaporator can be selected from product type and SC5 columns.

Soğutma yükü / Cooling capacity: **Qr = 26 kW**
Oda sıcaklığı / Room temperature: **Tr =-40°C**
Evaporasyon sıcaklığı / Evaporation temperature: **Te =-47°C**
ΔT = Tr - Te = (-40)-(-47) = 7K404A
Soğutkan / Refrigerant: **404A**
Fin malzemesi / Fin material: **Al**
Ürün tipi / Product type: **L**

Qn = Qr x A1 x A2 x A3
Qn = 26 kW x 0,85 x 1 x 1 = 22,1 kW

SC5 şartlarında;
Seçilen dondurucu / Selected freezer: **SBX-L2-13.63-FT 23,1 kW**

Örnek Seçim - 2 / Selection Example - 2

Evaporatör çalışma koşullarının Eurovent standart şartlarında olması durumunda, ilgili şarttan direkt seçim yapılır. Bu örnekte -34˚C oda sıcaklığı ve -40˚C evaporasyon sıcaklığı için SC5 kapasite değerinden ürün seçilmesi önerilmektedir.

The evaporators can be directly selected from the related tables, when the evaporator operating conditions are same with Eurovent Standard conditions. For this example, the evaporator can be selected directly from SC5 columns.

Soğutma yükü / Cooling capacity: **Qr = 11 kW**
Oda sıcaklığı / Room temperature: **Tr =-34°C**
Evaporasyon sıcaklığı / Evaporation temperature: **Te =-40°C**
Soğutkan / Refrigerant: **404A**
Fin malzemesi / Fin material: **Al**
Ürün tipi /Product type: **D**

SC5 şartlarında;
Seçilen dondurucu / Selected freezer: **SBX-D1-12.63-FT 11,5 kW**

A1 Düzeltme katsayısı / Correction coefficient

Δ_t		5	6	7	8	9	10
Tr (°C)	**-34**	1,25	1,00	0,84	0,73	0,66	0,60
	-40	1,26	1,01	0,85	0,74	0,67	0,61
	-45	1,30	1,04	0,87	0,76	0,69	0,62

A2 Soğutucu gaz katsayısı / Refrigerant coefficient

Tr (°C)	R404A	R22	R507A	R452A	R448A	R449A
	1,00	1,05	1,03	0,87	0,76	0,79

A3 Malzeme düzeltme katsayısı
Fin material correction coefficient

Alüminyum Aluminium (Al)	Kaplamalı Alüminyum Coated Aluminium (Al PC)	Bakır Copper (Cu)
1,00	1,03	0,97

Eurovent EN 328 standart çalışma şartları
Standart conditions according to Eurovent EN 328

Standart Kapasite Şartları Standart Capacity Conditions	Hava Giriş Sıc. Inlet Air Temp.	Evaporasyon Sıc. Evaporation Temp.
SC3	-18	-25
SC5	-34	-40

Kondenserler / Condensers

Ürün Seçimi / Product Selection

Örnek Seçim – 1 Kompresör elektrik çekim gücü biliniyorsa
Selection Example -1 If power input of compressor is known

Qnc = (Qe + Pi) x fd x fai x fr x fh x fm

Qe : Kompresör soğutma kapasitesi / Compressor cooling capacity = **12 kW**
Pi : Kompresör elektrik gücü / Power input of compressor = **3kW**
Tc : Kondenzasyon sıcaklığı / Condensation temperature = **50°C**
Tai : Hava giriş sıcaklığı / Air inlet temperature = **40°C**

Rakım / Altitude : **400m**
Fin malzemesi / Fin material : **Alüminyum / Aluminium**
Soğutucu akışkan / Refrigerant = **R404A**

Qnc = (12+3) x (15/(50-40)) x 1,053 x 1 x 1,026 x 1

Qnc = 24,30 kW

Seçilen ürün **SFK-054.1245.2,5–N 25 kW**
5m'deki ses seviyesi / Noise level at 5m = **44+6=50 db(A)**

Örnek Seçim – 2 Kompresör elektrik çekim gücü bilinmiyorsa
Selection Example –2 If power input of compressor is unknow

Qnc = Qc x fd x fai x fr x fh x fm
Qc = Qe x fp

Qe : Kompresör soğutma kapasitesi / Compressor cooling capacity = **10 kW**
Te : Evaporasyon sıcaklığı / Evaporation temperature = **-10°C**
Tc : Kondenzasyon sıcaklığı / Condensation temperature = **50°C**
Tai : Hava giriş sıcaklığı / Air inlet temperature = **40°C**
Pi : Kompresör elektrik gücü / Power input of compressor
Kompresör tipi / Compressor type : **Yarı hermetik / Semi hermetic**
Rakım / Altitude : **400m**
Fin malzemesi / Fin material: **Alüminyum / Aluminium**
Soğutucu akışkan / Refrigerant = **R404A**

Qc = 10 x 1,42 = 14,2 kW
Qnc = 14,2 x (15/(50-40)) x 1,053 x 1 x 1,026 x 1
Qnc = 23,01 kW

Seçilen ürün **SFK-054.245.2,5–N 25 kW**
5m'deki ses seviyesi / Noise level at 5m = **44+6=50 db(A)**

ΔT Düzeltme katsayısı
ΔT Correction coefficient

$$f_d = \frac{15}{(T_c - T_{ai})}$$

fp — **Hermetik / Yarı hermetik kompresör için fp /** fp for Hermetic and Semi hermetic compressor

Kondenzasyon sıcaklığı / °C Condensing temperature \ **Evaporasyon sıcaklığı / °C** Evaporation temperature	**-40**	**-35**	**-30**	**-25**	**-20**	**-15**	**-10**	**-5**	**0**	**5**	**10**
35	1,68	1,60	1,53	1,47	1,41	1,35	1,31	1,27	1,23	1,19	1,14
40	1,77	1,66	1,58	1,51	1,44	1,39	1,34	1,29	1,25	1,21	1,18
45	1,88	1,74	1,63	1,55	1,48	1,43	1,38	1,33	1,29	1,24	1,21
50	2,04	1,86	1,72	1,62	1,54	1,48	1,42	1,37	1,33	1,28	1,24
55	2,28	2,08	1,90	1,75	1,62	1,53	1,46	1,41	1,37	1,32	1,25

fp — **Açık kompresör için fp /** fp for Open compressor

Kondenzasyon sıcaklığı / °C Condensing temperature \ **Evaporasyon sıcaklığı / °C** Evaporation temperature	**-40**	**-35**	**-30**	**-25**	**-20**	**-15**	**-10**	**-5**	**0**	**5**	**10**
35	1,46	1,41	1,36	1,32	1,28	1,25	1,21	1,18	1,15	1,13	1,1
40	1,51	1,45	1,4	1,36	1,32	1,28	1,24	1,21	1,18	1,15	1,13
45	1,56	1,5	1,45	1,4	1,36	1,32	1,28	1,24	1,21	1,18	1,15
50	1,62	1,56	1,5	1,45	1,4	1,35	1,31	1,28	1,24	1,21	1,18
55	1,68	1,62	1,55	1,5	1,45	1,4	1,35	1,31	1,28	1,24	1,21

Hava giriş sıcaklığı düzeltme katsayısı
Air inlet correction coefficient

Tai	15	20	25	30	35	40	45	50
fai	0,971	0,981	1,000	1,010	1,031	1,053	1,064	1,075

Soğutucu akışkan düzeltme katsayısı
Refrigerant correction coefficient

	R134A	R22	R404A	R507A	R407A	R407C	R448A	R449A	R452A
fr	1,04	1,04	1	1	1,12	1,15	1,12	1,12	1,08

Rakım düzeltme katsayısı
Installation altitude correction coefficient

H	0	200	400	600	800	1000	1500	2000
fh	1	1,011	1,026	1,042	1,064	1,075	1,124	1,176

Malzeme düzeltme katsayısı
Fin material correction coefficient

	Alüminyum Aluminium (Al)	Kaplamalı Alüminyum Coated Aluminium (Al PC)	Bakır Copper (Cu)
fm	1,00	1,03	0,97

Ses basınç seviyesi mesafeye göre değişimi
Sound pressure level change with respect to distance

	1m	3m	5m	10m	30m	50m	100m
dB(A)	20	10	6	0	-10	-14	-20

Fan sayısına bağlı olarak ses basınç seviyelerindeki artış (birden fazla ürünün kullanılması durumunda)
Additional sound pressure values depending on the number of fans (in case of several units of the same size)

	1	2	3	4	5	6	10	12
fr	0	3	5	6	7	8	10	11

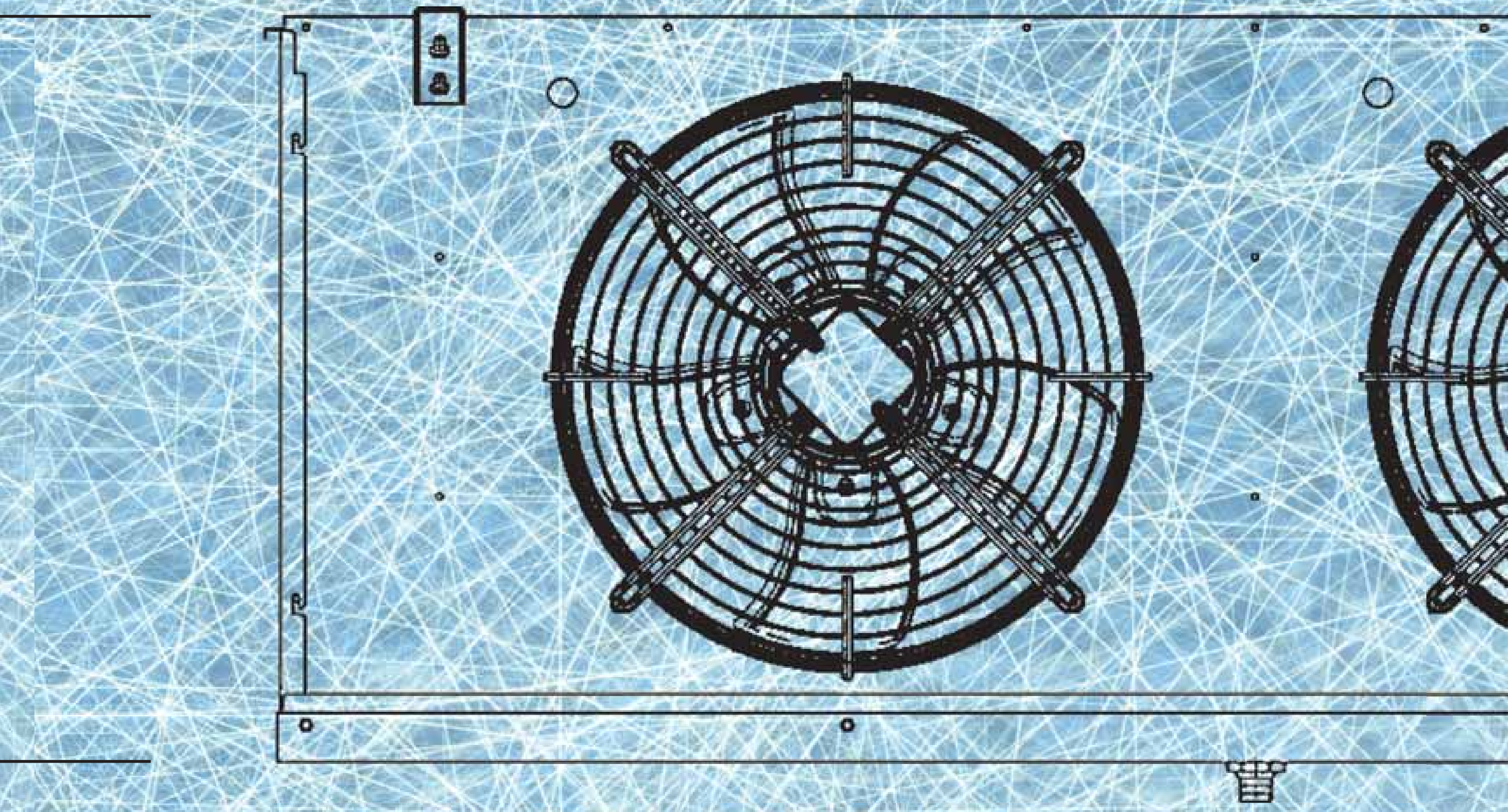
Unit Coolers

Soğuk Oda Evaporatörleri

Verdampfer

Испарители

مبخرات



heat transfer devices

ısı transfer cihazları

0,45 - 2,9 kW

SBM Mini Type Unit Cooler

SBM Mini Tip Soğutucu

SBU Slim Type Angled Unit Cooler

SBU Slim Tip Açılı Oda Soğutucu

SBM

SBU

SBM Series
SBU Series

SARBUZ SBM & SBU Serisi Oda Soğutucuları, küçük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBM & SBU Series Unit Coolers are designed for low capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama — SBM-43-120-AD
Product Classification

Mini Tip Soğutucu Mini Type Unit Cooler	**SBM-**
Hatve Fin Spacing	**4**
Batarya Kodu Coil Code	**3-**
Fan 1 ad. x Ø 200mm. Fans 1 pcs. x Ø 200mm.	**120-**

Hava ile defrost veya rezistanssız Air defrost or without heater	**AD**
Sıcak gaz defrost Hot gas defrost	**GD**
Yüksek sıcaklık için rezistans (T_r = +5/-2) Electric defrost for high temperature	**HT**

Ürün Kodlama — SBU-43-120-AD
Product Classification

Slim Tip Açılı Oda Soğutucu Slim Type Angled Unit Cooler	**SBU-**
Hatve Fin Spacing	**4**
Batarya Kodu Coil Code	**3-**
Fan 1 ad. x Ø 200mm. Fans 1 pcs. x Ø 200mm.	**120-**

Hava ile defrost veya rezistanssız Air defrost or without heater	**AD**
Sıcak gaz defrost Hot gas defrost	**GD**
Yüksek sıcaklık için rezistans (T_r = +5/-2) Electric defrost for high temperature	**HT**

SBM & SBU Oda Soğutucuları / SBM & SBU Unit Coolers

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite / Capacity SC1 To= 10°C Te= 0°C ΔT=10K	+2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi / Heat Transfer Surface	FAN Çap / Diameter	FAN Hava Debisi / Air Flow	FAN Hava Atım Mesafesi / Air Throw	FAN Elektrik Gücü / Power Input	FAN Ses Basınç Seviyesi / Sound Pressure Level 3m	Enerji Verimliliği Sınıfı / Energy Efficiency Class	Isıtıcılar / Electrical Defrost HT Batarya / Coil	Isıtıcılar / Electrical Defrost LT Batarya / Coil	Isıtıcılar / Electrical Defrost LT Tava / Drip Tray
		Watt	Watt	Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
	SBM SERIES														
1x	SBM-43-120	670	610	450	370	1,8	200	319	3,0	32	34	E	1 x 200	-	-
	SBM-44-120	750	680	510	400	2,1	200	309	2,9	32	34	E	1 x 200	-	-
2x	SBM-43-220	1340	1220	910	740	3,6	200	638	4,0	64	37	E	1 x 400	-	-
	SBM-44-220	1510	1370	1030	830	4,3	200	617	3,9	64	37	E	1 x 400	-	-
	SBM-45-220	1640	1490	1120	890	5,0	200	597	3,8	64	37	D	1 x 400	-	-
3x	SBM-44-320	2290	2070	1550	1170	6,4	200	926	4,9	96	39	E	1 x 600	-	-
	SBM-45-320	2440	2200	1650	1210	7,5	200	895	4,8	96	39	D	1 x 600	-	-
	SBU SERIES														
1x	SBU-43-120	980	890	670	500	2,7	200	430	3,0	32	34	D	1 x 200	-	-
	SBU-44-120	1070	970	720	510	3,2	200	410	2,9	32	34	D	1 x 200	-	-
2x	SBU-43-220	1960	1780	1330	1030	5,3	200	860	4,0	64	37	D	1 x 400	-	-
	SBU-44-220	2170	1970	1480	1100	6,4	200	820	3,9	64	37	D	1 x 400	-	-
3x	SBU-43-320	3000	2730	2040	1580	8,0	200	1280	4,9	96	39	D	1 x 600	-	-
	SBU-44-320	3280	2980	2230	1680	9,6	200	1230	4,8	96	39	D	1 x 600	-	-

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

SBM

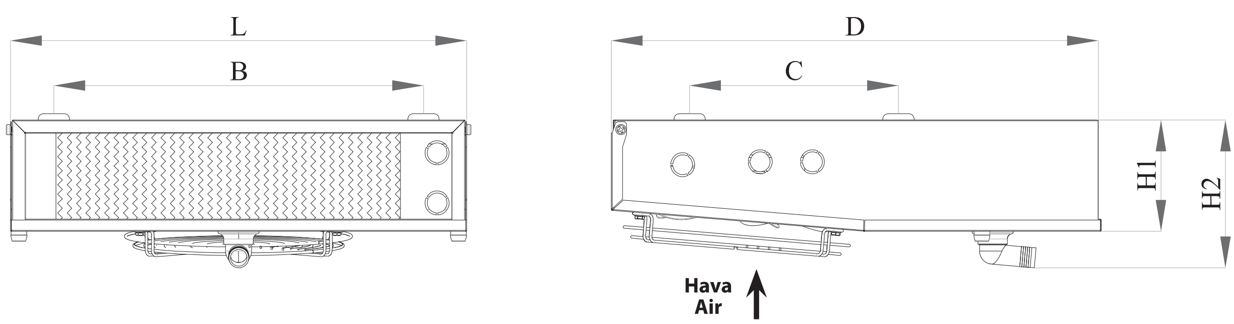
SBU

Ölçüler / Measures

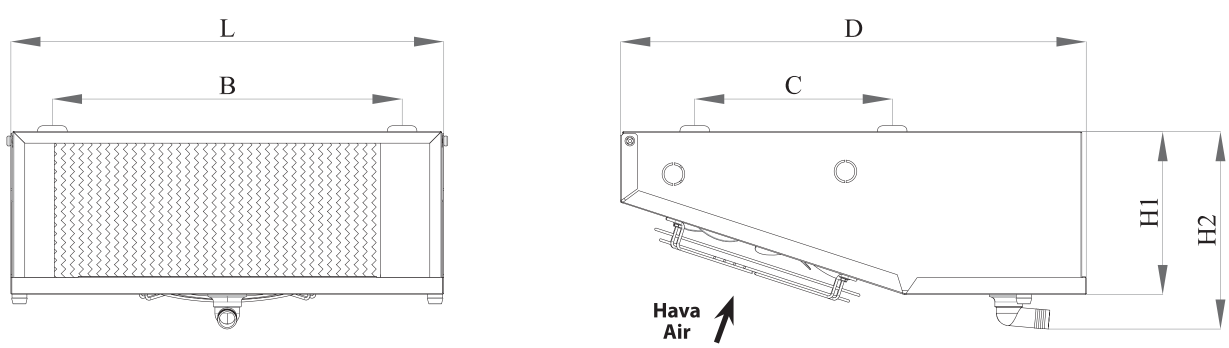
	MODEL	Ölçüler Dimensions											Bağlantılar Connections		
													Soğutucu Gaz Refrigerant		Drenaj Drain
		Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
		l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBM SERIES	SBM-43-120	0,3	4,4	437	110	135	470	-	280	-	-	175	5/16″	5/16″	1/2″G
SBM SERIES	SBM-44-120	0,4	4,5	437	110	135	470	-	280	-	-	175	5/16″	5/16″	1/2″G
SBM SERIES	SBM-43-220	0,6	7,5	767	110	135	470	-	613	-	-	175	1/2″	1/2″	1/2″G
SBM SERIES	SBM-44-220	0,8	7,8	767	110	135	470	-	613	-	-	175	1/2″	1/2″	1/2″G
SBM SERIES	SBM-45-220	0,9	8,1	767	110	135	470	-	613	-	-	175	1/2″	1/2″	1/2″G
SBM SERIES	SBM-44-320	1,1	10,9	1097	110	135	470	-	945	-	-	175	1/2″	1/2″	1/2″G
SBM SERIES	SBM-45-320	1,3	11,4	1097	110	135	470		945			175	1/2″	1/2″	1/2″G
SBU SERIES	SBU-43-120	0,5	4,8	440	165	185	470	-	285	-	-	225	5/16″	5/16″	1/2″G
SBU SERIES	SBU-44-120	0,6	5,1	440	165	185	470	-	285	-	-	225	5/16″	5/16″	1/2″G
SBU SERIES	SBU-43-220	0,9	9,7	770	165	185	470	-	615	-	-	225	1/2″	1/2″	1/2″G
SBU SERIES	SBU-44-220	1,1	10,2	770	165	185	470	-	615	-	-	225	1/2″	1/2″	1/2″G
SBU SERIES	SBU-43-320	1,4	14,6	1100	165	185	470	-	945	-	-	225	1/2″	1/2″	1/2″G
SBU SERIES	SBU-44-320	1,7	15,3	1100	165	185	470	-	945	-	-	225	1/2″	1/2″	1/2″G

Teknik Çizim / Technical Drawing

SBM



SBU



Genel Özellikler / Specifications

Batarya
• Bakır borular Ø5/16",
• Fin malzemesi alüminyumdur,
• Lamel arası 4,0 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Boyasız, Alüminyum sacdan yapılmıştır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Kullanılan sıcaklığa bağlı olarak HT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak (+2°C/-8°C) - SC1 - SC2 - SC3 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir (ΔT = Tr - Te).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,

Evaporator Coil
• Copper tubes Ø5/16",
• Fins made of aluminium,
• Fin spacing is 4 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=24 Bar.

Casing
• Aluminium sheet without painted.

Fans
• Low-noise axial fans with maintenance free motors,
• Single phase 230V 1~ 50Hz,
•Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

Defrosting
• Electrical defrost as HT as optional,
• Hot gas defrost without tubing inside of coil and drip try, without non-return valve,

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to (+2°C/-8°C) - SC1 - SC2 - SC3 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Hot gas defrost in coil and drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,


40. YIL
C13

0,65 - 9,28 kW

SBK Angled Ceiling Type Unit Cooler

SBK Serisi Tavan Tipi Açılı Oda Soğutucu

SBK Series

SARBUZ SBK Serisi Tavan Tipi Açılı Oda Soğutucuları, küçük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBK Series Angled Ceiling Type unit Coolers are designed for low capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama

Product Classification

SBK-62-430-AD

Tavan Tipi Açılı Oda Soğutucu
Angled Ceiling Type Unit Cooler — **SBK-**

Hatve
Fin Spacing — **6**

Batarya Kodu
Coil Code — **2-**

Fan 4 ad. x Ø 300mm.
Fans 4 pcs. x Ø 300mm. — **430-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Sıcak gaz defrost
Hot gas defrost — **GD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

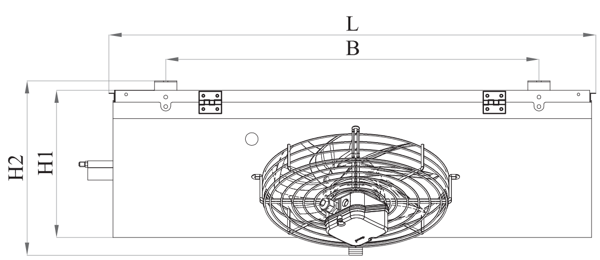
SBK Tavan Tipi Açılı Oda Soğutucu / SBK Series Angled Ceiling Type Unit Cooler
Kapasite / Capacity

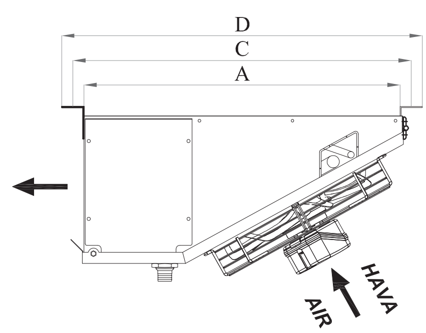
Lamel Aralığı / Fin Spacing **4,0 mm**

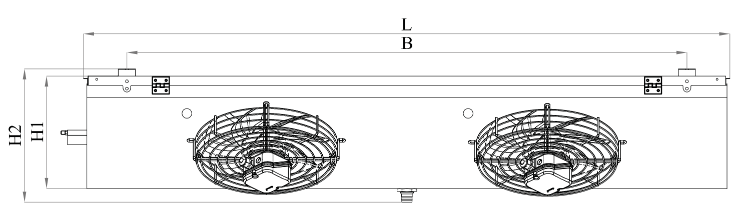
	MODEL	Kapasite Capacity			Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC1 To= 10°C Te= 0°C ΔT=10K	+2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBK-42-125	1290	1170	880	3,9	250	560	3	65	24	E	1x400		
	SBK-41-130	2100	1910	1430	5,2	300	1330	6	66	29	D	1x520		
	SBK-42-130	2580	2340	1750	7,8	300	1250	5	69	29	D	1x520		
	SBK-42-135	4320	3900	2920	6,3	350	2320	8	155	34	D	1x650		
2x	SBK-42-225	2600	2370	1770	8,4	250	1120	4	130	27	E	1x800		
	SBK-41-230	4340	3930	2940	10,5	300	2660	6	132	32	D	1x1040		
	SBK-42-230	5180	4670	3490	12,5	300	2500	6	138	32	D	1x1040		
	SBK-42-235	9030	8130	6080	10,2	350	4630	8	310	37	D	1x1300		
3x	SBK-42-325	3920	3570	2670	13,6	250	1680	4	195	29	E	1x1200		
	SBK-41-330	6590	5940	4440	16,9	300	3990	7	198	34	D	1x1600		
	SBK-42-330	7870	7060	5280	20,4	300	3740	6	207	34	D	1x1600		
	SBK-42-335	13250	11820	8840	7,8	350	6950	9	465	39	D	1x1950		
4x	SBK-42-425	5240	4730	3540	10,5	250	2240	4	260	30	E	1x1600		
	SBK-41-430	8780	7820	5850	15,7	300	5330	7	264	35	D	1x2090		
	SBK-42-430	10370	9280	6940	12,5	300	4990	7	276	35	D	1x2090		

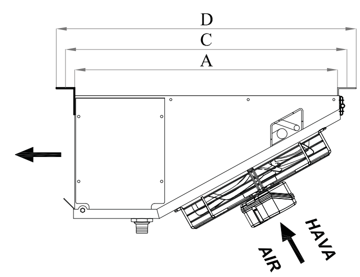
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing





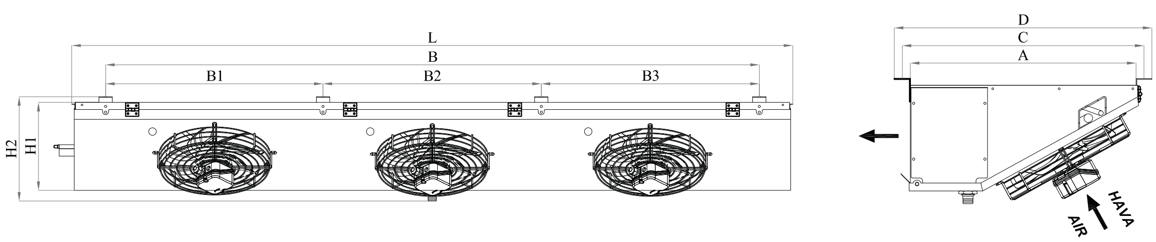


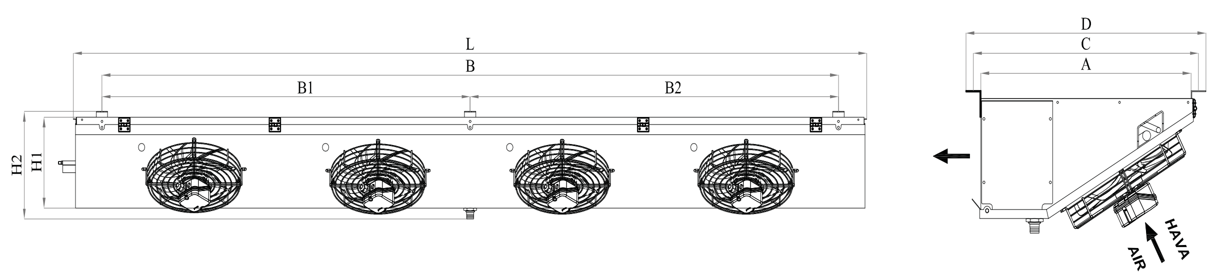


Ölçüler/Measures

MODEL	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Bağlantılar Connections – Soğutucu Gaz Refrigerant – Giriş Inlet	Çıkış Outlet	Drenaj Drain – Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBK-42-125	0,7	8	664	224	284	552	472	420	---	---	504	9,5	9,5	3/4"
SBK-41-130	0,9	10	784	288	348	645	565	540	---	---	597	12,7	15,9	3/4"
SBK-42-130	1,2	12	784	288	348	645	565	540	---	---	597	12,7	15,9	3/4"
SBK-42-135	1,6	15	914	352	412	745	665	670	---	---	697	12,7	19	3/4"
SBK-42-225	1,3	14	1064	224	284	552	472	820	---	---	504	12,7	15,9	3/4"
SBK-41-230	1,7	18	1304	288	348	645	565	1060	---	---	597	12,7	19	3/4"
SBK-42-230	2,2	20	1304	288	348	645	565	1060	---	---	597	12,7	22	3/4"
SBK-42-235	3,6	27	1564	352	412	745	665	1320	---	---	697	12,7	28	3/4"
SBK-42-325	2,0	20	1464	224	284	552	472	1220	---	---	504	12,7	19	3/4"
SBK-41-330	2,6	25	1824	288	348	645	565	1580	527	526	597	12,7	22	3/4"
SBK-42-330	3,5	29	1824	288	348	645	565	1580	527	526	597	12,7	22	3/4"
SBK-42-335	4,9	38	2214	352	412	745	665	1970	657	656	697	15,9	28	1"
SBK-42-425	2,7	26	1864	224	284	552	472	1620	813	807	504	12,7	19	3/4"
SBK-41-430	3,5	33	2344	288	348	645	565	2100	1050	1050	597	15,9	22	1"
SBK-42-430	4,3	37	2344	288	348	645	565	2100	1050	1050	597	12,7	28	1"

Teknik Çizim / Technical Drawing





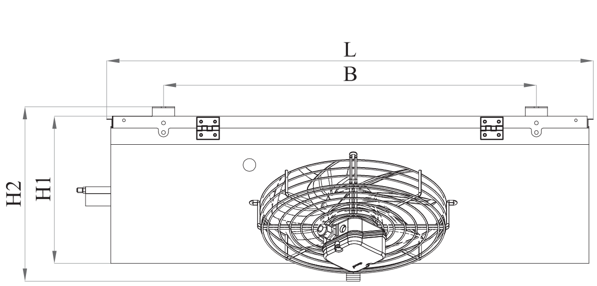
SBK Tavan Tipi Açılı Oda Soğutucu / SBK Series Angled Ceiling Type Unit Cooler
Kapasite / Capacity

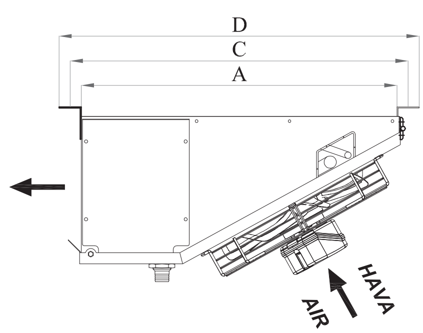
Lamel Aralığı / Fin Spacing **6,0 mm**

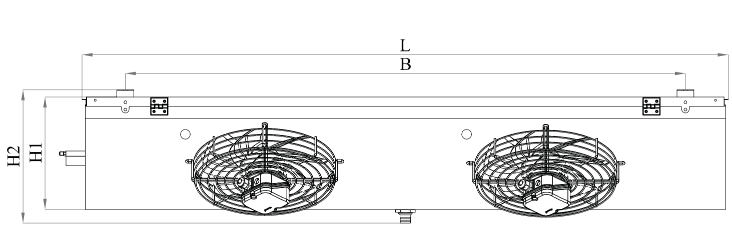
	MODEL	Kapasite Capacity SC1 To= 10°C Te= 0°C ΔT=10K	+2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBK-62-125	1080	980	730	530	2,9	250	610	4	65	24	E	1x400	1x400	1x400
	SBK-61-130	1730	1540	1150	920	3,8	300	1390	6	66	29	D	1x520	1x520	1x520
	SBK-62-130	2090	1900	1420	1140	5,0	300	1310	6	69	29	D	1x520	1x520	1x520
	SBK-62-135	3630	3150	2350	1940	7,6	350	2450	8	155	34	D	1x650	1x650	1x650
2x	SBK-62-225	2170	1970	1480	1180	5,8	250	1220	4	130	27	E	1x800	1x800	1x800
	SBK-61-230	3500	3130	2340	1870	7,5	300	2780	6	132	32	D	1x1040	1x1040	1x1040
	SBK-62-230	4220	3810	2850	2310	10,0	300	2630	6	138	32	D	1x1040	1x1040	1x1040
	SBK-62-235	7380	6600	4940	3860	15,6	350	4920	9	310	37	D	1x1300	1x1300	1x1300
3x	SBK-62-325	3300	2960	2210	1780	8,7	250	1830	4	195	29	E	1x1200	1x1200	1x1200
	SBK-61-330	5270	4720	3530	2800	11,3	300	4170	7	198	34	D	1x1600	1x1600	1x1600
	SBK-62-330	6460	5810	4350	3410	15,0	300	3940	7	207	34	D	1x1600	1x1600	1x1600
	SBK-62-335	10870	9740	7290	5950	23,2	350	7380	10	465	39	D	1x1950	1x1950	1x1950
4x	SBK-62-425	4420	3990	2980	2380	11,6	250	2440	4	260	30	E	1x1600	1x1600	1x1600
	SBK-61-430	7050	6310	4720	3760	15,0	300	5560	8	264	35	D	1x2090	1x2090	1x2090
	SBK-62-430	8520	7660	5730	4640	19,9	300	5250	7	276	35	D	1x2090	1x2090	1x2090

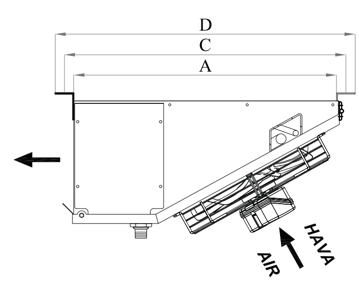
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing





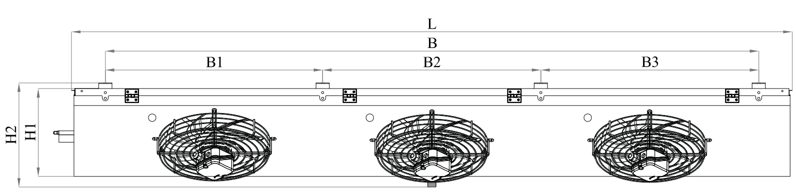


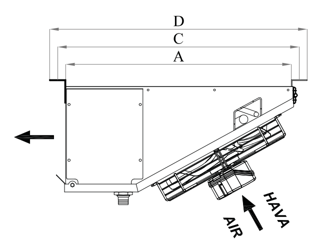


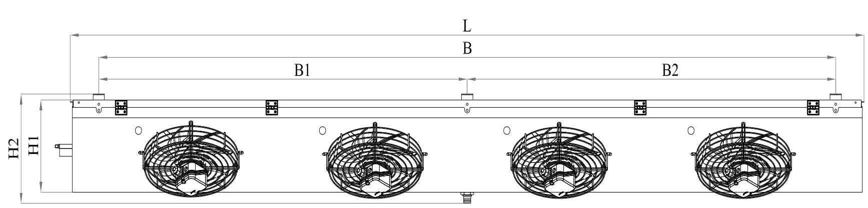
Ölçüler / Measures

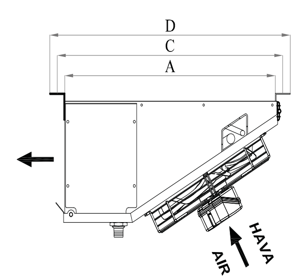
MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBK-62-125	0,7	8	664	224	284	552	472	420	---	---	504	9,5	9,5	3/4″
SBK-61-130	0,9	10	784	288	348	645	565	540	---	---	597	9,5	9,5	3/4″
SBK-62-130	1,2	11	784	288	348	645	565	540	---	---	597	12,7	15,9	3/4″
SBK-62-135	1,6	14	914	352	412	745	665	670	---	---	697	12,7	19	3/4″
SBK-62-225	1,3	14	1064	224	284	552	472	820	---	---	504	12,7	15,9	3/4″
SBK-61-230	1,7	17	1304	288	348	645	565	1060	---	---	597	12,7	19	3/4″
SBK-62-230	2,2	19	1304	288	348	645	565	1060	---	---	597	12,7	22	3/4″
SBK-62-235	3,6	26	1564	352	412	745	665	1320	---	---	697	12,7	28	3/4″
SBK-62-325	2,0	20	1464	224	284	552	472	1220	---	---	504	12,7	19	3/4″
SBK-61-330	2,6	25	1824	288	348	645	565	1580	527	526	597	12,7	22	3/4″
SBK-62-330	3,5	28	1824	288	348	645	565	1580	527	526	597	12,7	22	3/4″
SBK-62-335	4,9	36	2214	352	412	745	665	1970	657	656	697	15,9	28	1″
SBK-62-425	2,7	25	1864	224	284	552	472	1620	813	807	504	12,7	19	3/4″
SBK-61-430	3,5	32	2344	288	348	645	565	2100	1050	1050	597	12,7	22	1″
SBK-62-430	4,3	36	2344	288	348	645	565	2100	1050	1050	597	12,7	28	1″

Teknik Çizim / Technical Drawing









SBK Tavan Tipi Açılı Oda Soğutucu / SBK Series Angled Ceiling Type Unit Cooler

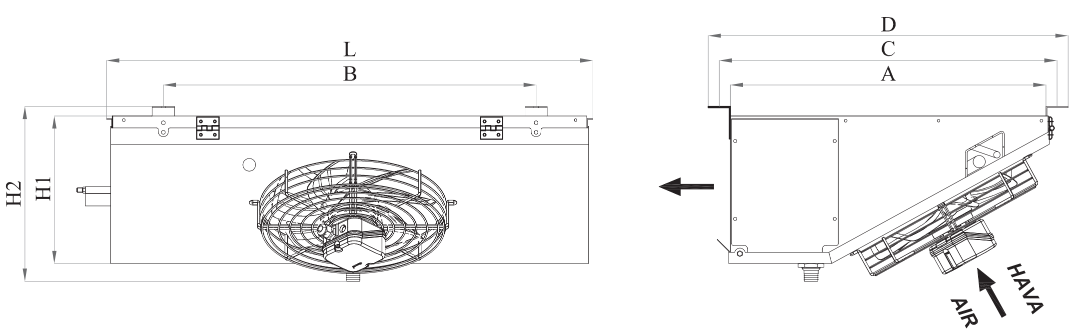
Kapasite / Capacity

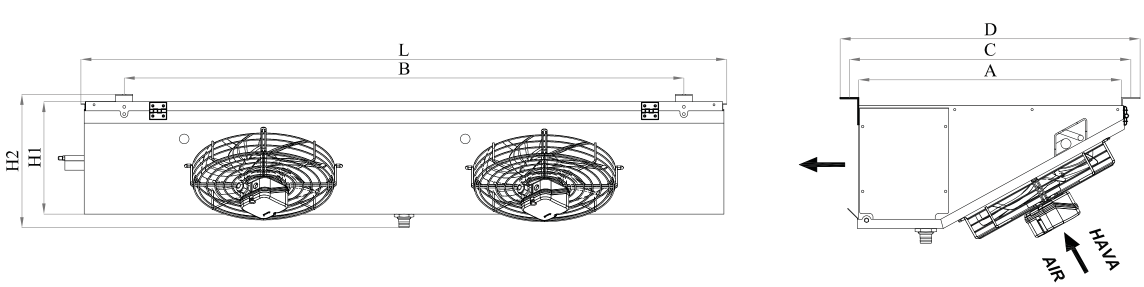
Lamel Aralığı / Fin Spacing **8,0 mm**

	MODEL	Kapasite Capacity				Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC1 To= 10°C Te= 0°C ΔT=10K	+2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBK-82-125	960	870	650	520	2,2	250	650	4	65	24	E	1x400	1x400	1x400
1x	SBK-81-130	1510	1350	1010	770	2,9	300	1430	6	66	29	D	1x520	1x520	1x520
1x	SBK-82-130	1820	1650	1230	1000	3,9	300	1350	6	69	29	D	1x520	1x520	1x520
1x	SBK-82-135	3220	2880	2160	1660	6,0	350	2550	9	155	34	D	1x650	1x650	1x650
2x	SBK-82-225	1920	1740	1300	1050	4,5	250	1290	4	130	27	E	1x800	1x800	1x800
2x	SBK-81-230	3040	2730	2040	1610	5,8	300	2850	7	132	32	D	1x1040	1x1040	1x1040
2x	SBK-82-230	3680	3320	2490	2010	7,8	300	2710	6	138	32	D	1x1040	1x1040	1x1040
2x	SBK-82-235	6500	5830	4360	3360	12,0	350	5100	9	310	37	D	1x1300	1x1300	1x1300
3x	SBK-82-325	2940	2650	1980	1580	6,7	250	1940	4	195	29	E	1x1200	1x1200	1x1200
3x	SBK-81-330	4570	4110	3070	2430	8,7	300	4280	7	198	34	D	1x1600	1x1600	1x1600
3x	SBK-82-330	5660	5100	3820	2980	11,6	300	4060	7	207	34	D	1x1600	1x1600	1x1600
3x	SBK-82-335	9710	8560	6400	5200	18,2	350	7640	10	465	39	D	1x1950	1x1950	1x1950
4x	SBK-82-425	3930	3550	2660	2110	9,0	250	2580	5	260	30	E	1x1600	1x1600	1x1600
4x	SBK-81-430	6110	5480	4100	3250	11,7	300	5710	8	264	35	D	1x2090	1x2090	1x2090
4x	SBK-82-430	7500	6720	5020	4050	15,5	300	5410	7	276	35	D	1x2090	1x2090	1x2090

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing





Ölçüler/Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBK-82-125	0,7	8	664	224	284	552	472	420	---	---	504	9,5	9,5	3/4″
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SBK-82-135	1,6	14	914	352	412	745	665	670	---	---	697	12,7	19	3/4″
SBK-82-225	1,3	14	1064	224	284	552	472	820	---	---	504	12,7	15,9	3/4″
SBK-81-230	1,7	17	1304	288	348	645	565	1060	---	---	597	12,7	19	3/4″
SBK-82-230	2,3	19	1304	288	348	645	565	1060	---	---	597	12,7	22	3/4″
SBK-82-235	3,2	25	1564	352	412	745	665	1320	---	---	697	15,9	28	3/4″
SBK-82-325	2,0	19	1464	224	284	552	472	1220	---	---	504	12,7	19	3/4″
SBK-81-330	2,6	24	1824	288	348	645	565	1580	527	526	597	12,7	22	3/4″
SBK-82-330	3,2	27	1824	288	348	645	565	1580	527	526	597	12,7	22	3/4″
SBK-82-335	5,4	35	2214	352	412	745	665	1970	657	656	697	15,9	28	1″
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SBK-81-430	3,5	31	2344	288	348	645	565	2100	1050	1050	597	15,9	22	1″
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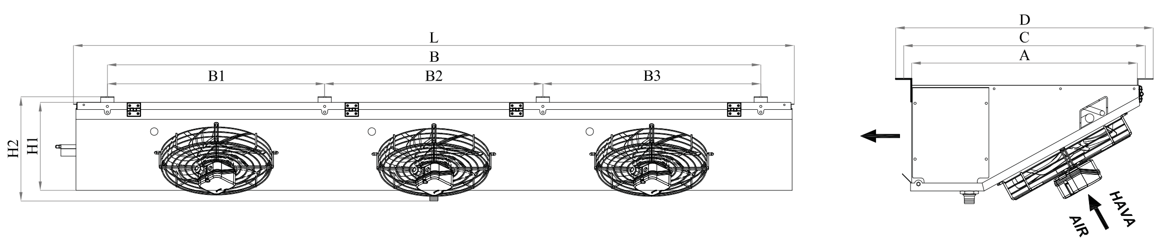
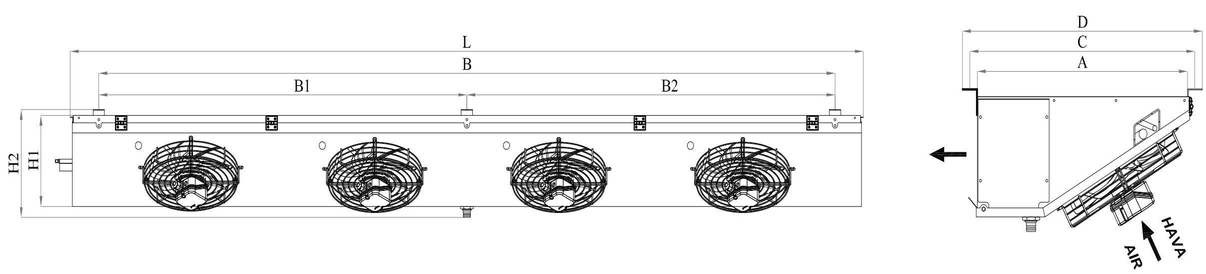
Teknik Çizim / Technical Drawing





Genel Özellikler / Specifications

Batarya
- Bakır borular Ø3/8",
- Fin malzemesi alüminyumdur,
- Lamel arası 4 - 6 - 8 mm'dir,
- Giriş – çıkış kolektör malzemesi bakırdır,
- İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
- Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
- Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
- Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
- Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
- Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
- Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
- Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
- Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
- Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
- Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),

Kapasite
- Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak (+2°C/-8°C) - SC1 - SC2 - SC3 şartlarında R404A gazı için hesaplanmıştır,
- Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir (ΔT = Tr - Te).

Seçenekler
- Farklı dış kabin rengi,
- Farklı boru et kalınlığı ve hatve,
- Trifaze 400V 3~ 50Hz fan
- Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz.

Notlar
- Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
- Bataryada ve tavada sıcak gaz defrost,
- Yalıtım tavası,
- Paslanmaz çelik kabin,
- Epoxy boya,
- Fan kablo rezistansı,
- Drenaj hattı kablo rezistans

Evaporator Coil
- Copper tubes Ø3/8",
- Fins made of aluminium,
- Fin spacing is 4 - 6 -8 mm,
- Header inlet and outlet tube connections made of copper,
- Highest permissible working pressure Ps=24 Bar.

Casing
- Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
- Low-noise axial fans with maintenance free motors,
- Protection class IP44/54, Single phase 230V 1~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,
- At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
- The sound pressure levels are calculated according to EN 13487.

Defrosting
- Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
- Hot gas defrost without tubing inside of coil and drip try, without non-return valve,

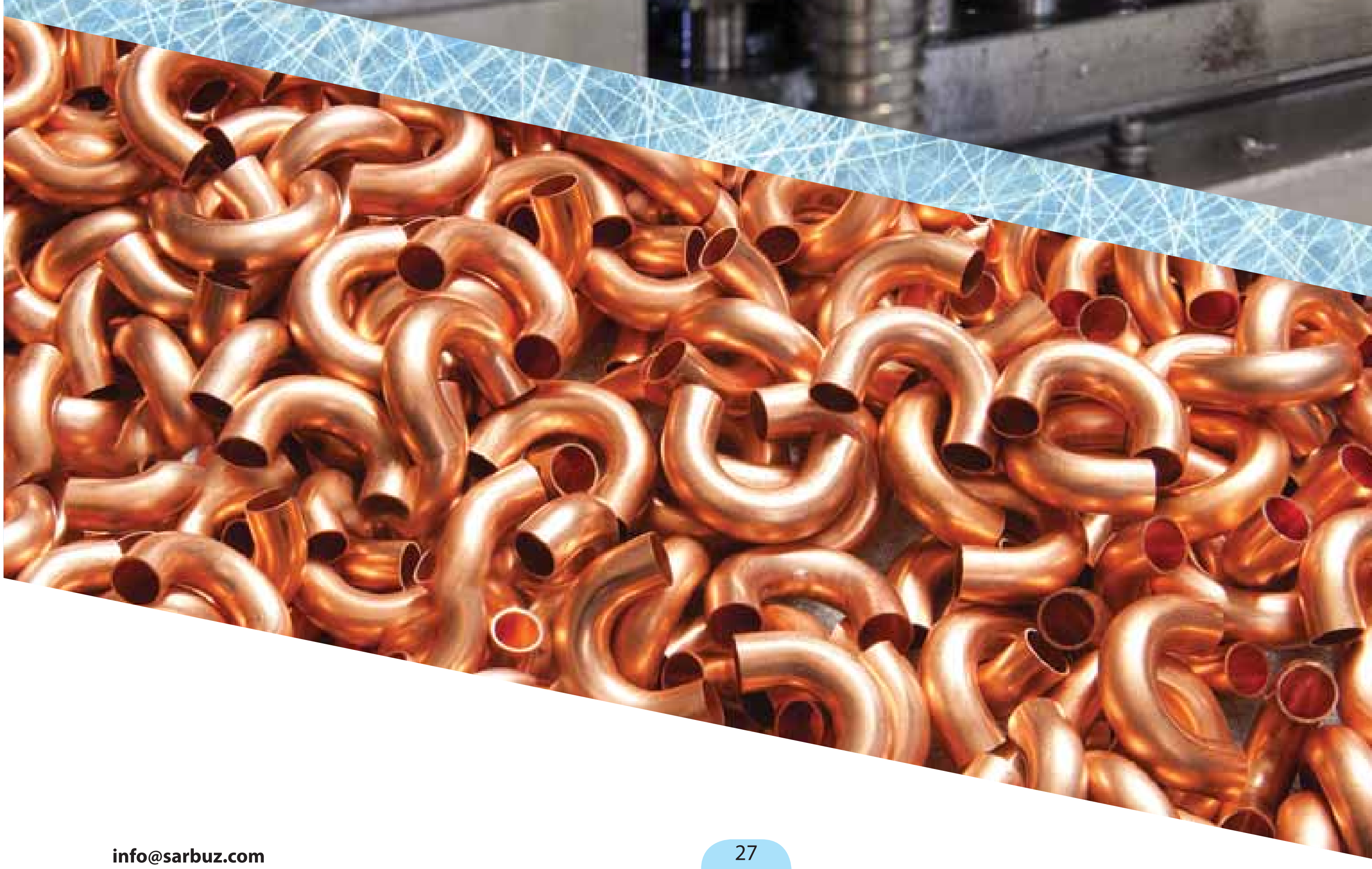
Capacity
- The nominal capacities calculated according to Eurovent (EN 328) standards that refer to (+2°C/-8°C) - SC1 - SC2 - SC3 conditions and are valid for R404A,
- The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

Options
- Different casing color,
- Other tube wall thicknesses and fin spacing on request,
- Three phase 400V 3~ 50Hz fan
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
- Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
- Hot gas defrost in coil and drip tray,
- Insulated drip tray,
- Casing made of stainless steel,
- Epoxy resin coated aluminium fins,
- Fan cable heaters,
- Drain line cable heater


SINCE 1974
SARBUZ
HEATEXCHANGERS



0,9 - 58,4 kW

SBT Dual Discharge Unit Cooler

SBT Çift Üflemeli Oda Soğutucu

SBT Series

SARBUZ SBT Serisi Çift Üflemeli Oda Soğutucuları, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBT Series Dual Discharge Unit Coolers are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SBT-62-435-AD

Çift Üflemeli Oda Soğutucu
Dual Discharge Unit Cooler — **SBT-**

Hatve
Fin Spacing — **6**

Batarya Kodu
Coil Code — **2-**

Fan 4 ad. x Ø 350mm.
Fans 4 pcs. x Ø 350mm. — **435-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Sıcak gaz defrost
Hot gas defrost — **GD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

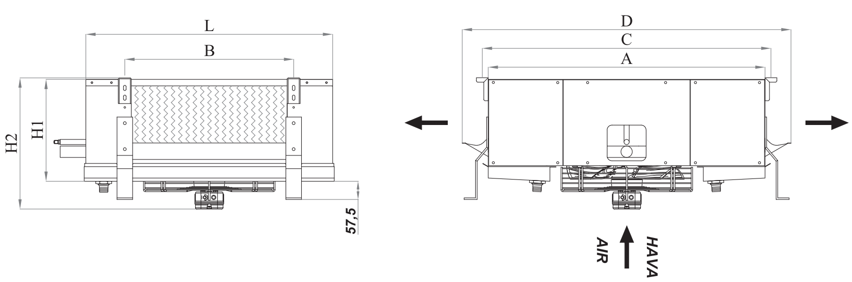
SBT Serisi Çift Üflemeli Oda Soğutucu / SBT Series Discharge Unit Cooler

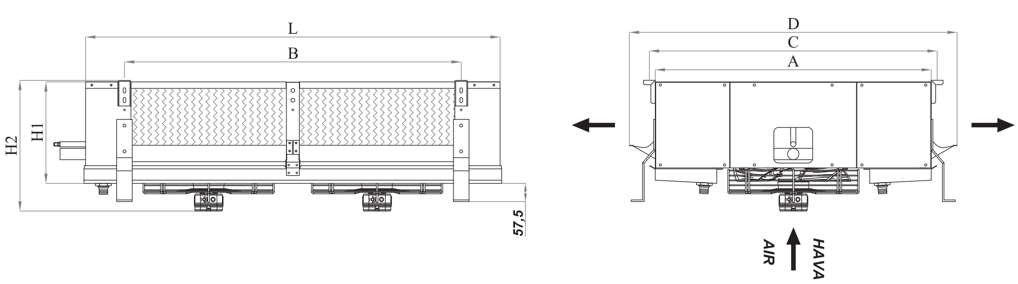
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC1 To= 10°C Te= 0°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBT-42-125	1910	1310	7,0	250	810	2x6	95	36	E	2 x 400	-	-
	SBT-42-130	2490	1690	8,4	300	1140	2x4	69	41	D	2 x 400	-	-
	SBT-42-135	5040	3330	14,5	350	2590	2x6	155	46	D	2 x 520	-	-
	SBT-44-140	8420	5710	33,2	400	3040	2x6	210	55	C	4 x 520	-	-
	SBT-44-145	11380	7680	41,5	450	4280	2x7	343	56	D	4 x 650	-	-
	SBT-44-150	21240	14480	79,8	500	7870	2x9	675	55	D	6 x 1000	-	-
2x	SBT-42-225	3730	2490	13,9	250	1620	2x6	190	36	E	2 x 800	-	-
	SBT-42-230	5030	3400	16,7	300	2280	2x4	138	41	D	2 x 800	-	-
	SBT-42-235	10060	6750	28,9	350	5170	2x6	310	46	D	2 x 1040	-	-
	SBT-44-240	17000	11500	66,4	400	6070	2x6	420	55	C	4 x 1040	-	-
	SBT-44-245	22930	15510	83,0	450	8570	2x7	686	56	D	4 x 1300	-	-
	SBT-44-250	42490	28710	159,0	500	15730	2x10	1350	55	D	6 x 2000		
3x	SBT-42-325	5750	3890	20,9	250	2430	2x6	285	36	E	2 x 1200	-	-
	SBT-42-330	7560	5120	25,1	300	3410	2x4	207	41	D	2 x 1200	-	-
	SBT-42-335	15310	10220	43,5	350	7760	2x7	465	46	D	2 x 1600	-	-
	SBT-44-340	25470	17150	99,6	400	9110	2x7	630	55	C	4 x 1600	-	-
	SBT-44-345	34490	23340	124,5	450	12850	2x8	1029	56	D	4 x 1950	-	-
	SBT-44-350	64450	43450	239,4	500	23600	2x10	2025	55	D	6 x 3000		
4x	SBT-42-430	10120	6800	33,5	300	4550	2x4	276	41	D	2 x 1600	-	-
	SBT-42-435	20180	13460	57,7	350	10350	2x7	620	46	D	2 x 2090	-	-
	SBT-44-440	34190	23160	132,8	400	12150	2x7	840	55	C	4 x 2090	-	-
	SBT-44-445	46050	31180	166,0	450	17130	2x8	1372	56	D	4 x 2600	-	-
	SBT-44-450	86250	58440	319,3	500	31460	2x11	2700	55	D	6 x 3240	-	-

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

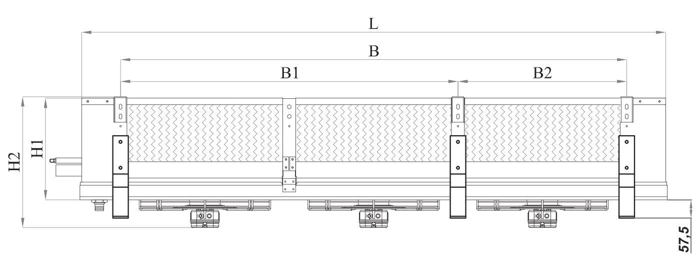


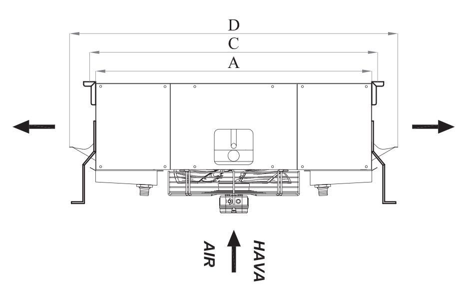


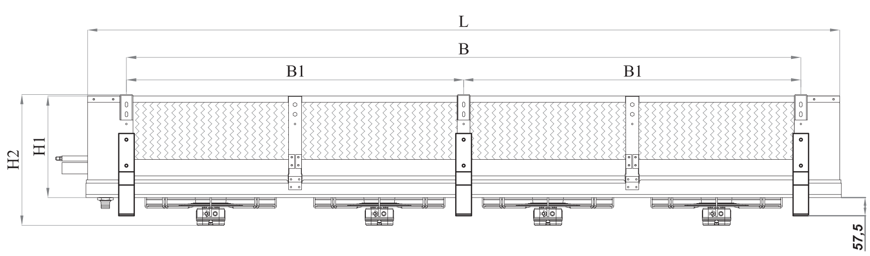
Ölçüler/Measures

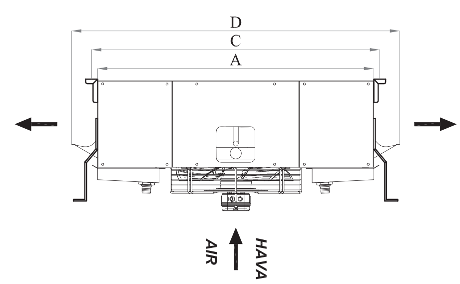
SBT

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBT-42-125	1,1	18	640	215	255	910	780	400	-	-	812	12,7	12,7	2 x 3/4″G
SBT-42-130	1,3	20	640	245	285	910	780	400	-	-	812	12,7	15,9	2 x 3/4″G
SBT-42-135	2,3	27	760	315	350	1010	850	520	-	-	882	12,7	19	2 x 3/4″G
SBT-44-140	6,2	50	800	380	415	1360	1200	520	-	-	1232	12,7	22	2 x 3/4″G
SBT-44-145	7,8	61	930	380	415	1370	1200	650	-	-	1232	12,7	28	2 x 3/4″G
SBT-44-150	15,0	97	1280	465	510	1460	1280	1000	-	-	1312	15,9	35	2 x 1″G
SBT-42-225	2,2	30	1040	215	255	910	780	800	-	-	812	12,7	15,9	2 x 3/4″G
SBT-42-230	2,6	33	1040	245	285	910	780	800	-	-	812	12,7	19	2 x 3/4″G
SBT-42-235	4,3	47	1280	315	350	1010	850	1040	-	-	882	12,7	22	2 x 3/4″G
SBT-44-240	12,4	87	1320	380	415	1360	1200	1040	-	-	1232	15,9	28	2 x 3/4″G
SBT-44-245	15,6	106	1580	380	415	1370	1200	1300	-	-	1232	15,9	35	2 x 1″G
SBT-44-250	27,9	177	2280	465	510	1460	1280	2000	-	-	1312	22	54	2 x 1″G
SBT-42-325	3,3	42	1440	215	255	910	780	1200	800	400	812	12,7	19	2 x 3/4″G
SBT-42-330	3,9	45	1440	245	285	910	780	1200	800	400	812	12,7	22	2 x 3/4″G
SBT-42-335	6,9	66	1800	315	350	1010	850	1560	1040	520	882	15,9	28	2 x 3/4″G
SBT-44-340	18,7	123	1840	380	415	1360	1200	1560	1040	520	1232	15,9	35	2 x 1″G
SBT-44-345	23,3	152	2230	380	415	1370	1200	1950	1300	650	1232	22	42	2 x 1″G
SBT-44-350	44,9	257	3280	465	510	1460	1280	3000	2000	1000	1312	28	54	2 x 1″G
SBT-42-430	5,2	58	1840	245	285	910	780	1600	800	800	812	15,9	22	2 x 3/4″G
SBT-42-435	8,7	86	2320	315	350	1010	850	2080	1040	1040	882	15,9	35	2 x 1″G
SBT-44-440	24,9	153	2360	380	415	1360	1200	2080	1040	1040	1232	22	42	2 x 1″G
SBT-44-445	31,1	183	2880	380	415	1370	1200	2600	1300	1300	1232	28	54	2 x 1″G
SBT-44-450	59,9	311	4280	465	510	1460	1280	4000	2000	2000	1312	35	66	2x1 1/4″G







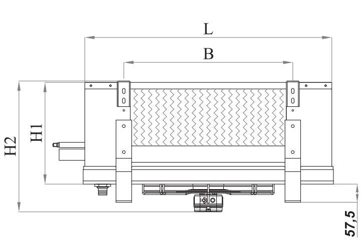


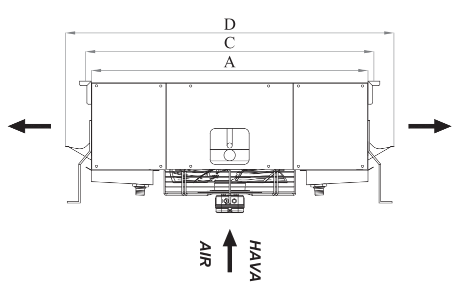
SBT Serisi Çift Üflemeli Oda Soğutucu / SBT Series Discharge Unit Cooler
Kapasite / Capacity

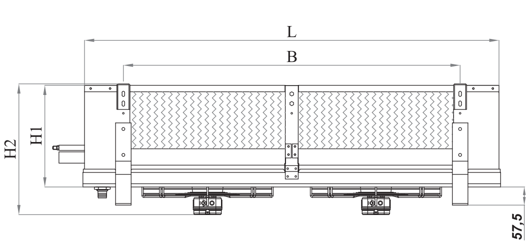
Lamel Aralığı / Fin Spacing **6,0 mm**

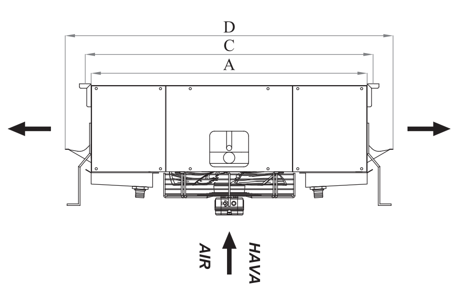
	MODEL	Kapasite Capacity SC1 To= 10°C Te= 0°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBT-62-125	1580	1080	870	4,8	250	840	2x6	95	36	E	2 x 400	2 x 400	2 x 400
	SBT-62-130	2120	1420	1120	5,8	300	1220	2x4	69	41	D	2 x 400	2 x 400	2 x 400
	SBT-62-135	4180	2800	2220	10,0	350	2690	2x6	155	46	D	2 x 520	2 x 520	2 x 520
	SBT-64-140	7400	4990	3920	22,8	400	3230	2x6	210	55	C	4 x 520	4 x 520	2 x 520
	SBT-64-145	9980	6720	5170	28,5	450	4490	2x7	343	56	D	4 x 650	4 x 650	2 x 650
	SBT-64-150	18350	12460	10140	54,9	500	8180	2x9	675	55	D	6 x 1000	6 x 1000	2 x 1000
2x	SBT-62-225	3190	2130	1600	9,6	250	1670	2x6	190	36	E	2 x 800	2 x 800	2 x 800
	SBT-62-230	4260	2880	2290	11,6	300	2440	2x4	138	41	D	2 x 800	2 x 800	2 x 800
	SBT-62-235	8390	5630	4400	19,9	350	5390	2x6	310	46	D	2 x 1040	2 x 1040	2 x 1040
	SBT-64-240	15090	10190	7860	45,7	400	6450	2x7	420	55	C	4 x 1040	4 x 1040	2 x 1040
	SBT-64-245	20080	13560	10540	57,1	450	8980	2x8	686	56	D	4 x 1300	4 x 1300	2 x 1300
	SBT-64-250	37080	25020	16360	109,1	500	16360	2x10	1350	55	D	6 x 2000	6 x 2000	2 x 2000
3x	SBT-62-325	4830	3260	2560	14,4	250	2510	2x6	285	36	E	2 x 1200	2 x 600	2 x 600
	SBT-62-330	6400	4330	3460	17,3	300	3660	2x4	207	41	D	2 x 1200	2 x 600	2 x 600
	SBT-62-335	12860	8610	6560	30,0	350	8080	2x7	465	46	D	2 x 1600	2 x 1600	2 x 1600
	SBT-64-340	22710	15280	11530	68,5	400	9680	2x7	630	55	C	4 x 1600	4 x 1600	2 x 1600
	SBT-64-345	30180	20390	15920	85,6	450	13470	2x8	1029	56	D	4 x 1950	4 x 1950	2 x 1950
	SBT-64-350	56510	38080	29040	164,6	500	24530	2x10	2025	55	D	6 x 3000	6 x 3000	2 x 3000
4x	SBT-62-430	8660	5820	4470	23,1	300	4870	2x5	276	41	D	2 x 1600	2 x 1600	2 x 1600
	SBT-62-435	16950	11330	8520	39,8	350	10780	2x7	620	46	D	2 x 2090	2 x 2080	2 x 2080
	SBT-64-440	30320	20490	15920	91,3	400	12910	2x7	840	55	C	4 x 2090	4 x 2080	2 x 2080
	SBT-64-445	40290	27220	21300	114,2	450	17970	2x9	1372	56	D	4 x 2600	4 x 2600	2 x 2600
	SBT-64-450	75220	50870	39830	219,5	500	32710	2x11	2700	55	D	6 x 3240	6 x 3240	2 x 3240

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.



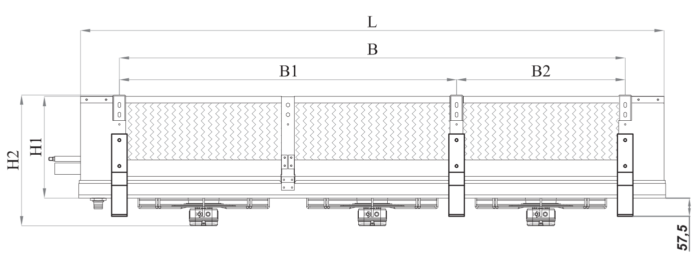


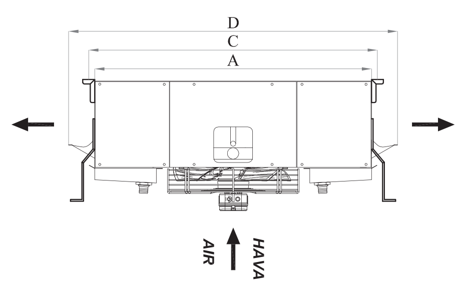


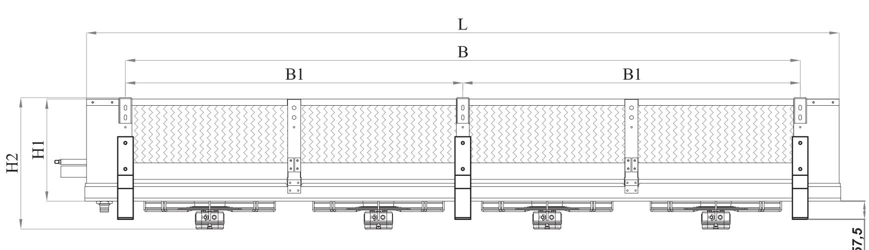


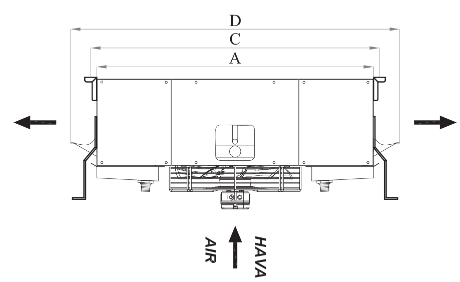
Ölçüler/Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBT-62-125	1,1	18	640	215	255	910	780	400	-	-	812	12,7	12,7	2 x 3/4" G
SBT-62-130	1,3	19	640	245	285	910	780	400	-	-	812	12,7	15,9	2 x 3/4" G
SBT-62-135	2,3	27	760	315	350	1010	850	520	-	-	882	12,7	19	2 x 3/4" G
SBT-64-140	6,2	47	800	380	415	1360	1200	520	-	-	1232	12,7	22	2 x 3/4" G
SBT-64-145	7,8	57	930	380	415	1370	1200	650	-	-	1232	12,7	28	2 x 3/4" G
SBT-64-150	15,0	90	1280	465	510	1460	1280	1000	-	-	1312	15,9	35	2 x 1" G
SBT-62-225	2,2	29	1040	215	255	910	780	800	-	-	812	12,7	15,9	2 x 3/4" G
SBT-62-230	2,6	31	1040	245	285	910	780	800	-	-	812	12,7	19	2 x 3/4" G
SBT-62-235	4,3	45	1280	315	350	1010	850	1040	-	-	882	12,7	22	2 x 3/4" G
SBT-64-240	12,4	81	1320	380	415	1360	1200	1040	-	-	1232	15,9	28	2 x 3/4" G
SBT-64-245	15,6	98	1580	380	415	1370	1200	1300	-	-	1232	15,9	35	2 x 1" G
SBT-64-250	27,9	162	2280	465	510	1460	1280	2000	-	-	1312	22	54	2 x 1" G
SBT-62-325	3,3	40	1440	215	255	910	780	1200	800	400	812	12,7	19	2 x 3/4" G
SBT-62-330	3,9	43	1440	245	285	910	780	1200	800	400	812	12,7	22	2 x 3/4" G
SBT-62-335	6,9	63	1800	315	350	1010	850	1560	1040	520	882	15,9	28	2 x 3/4" G
SBT-64-340	18,7	114	1840	380	415	1360	1200	1560	1040	520	1232	15,9	35	2 x 1" G
SBT-64-345	23,3	140	2230	380	415	1370	1200	1950	1300	650	1232	22	42	2 x 1" G
SBT-64-350	44,9	234	3280	465	510	1460	1280	3000	2000	1000	1312	28	54	2 x 1" G
SBT-62-430	5,2	55	1840	245	285	910	780	1600	800	800	812	15,9	22	2 x 3/4" G
SBT-62-435	8,7	81	2320	315	350	1010	850	2080	1040	1040	882	15,9	35	2 x 1" G
SBT-64-440	24,9	141	2360	380	415	1360	1200	2080	1040	1040	1232	22	42	2 x 1" G
SBT-64-445	31,1	168	2880	380	415	1370	1200	2600	1300	1300	1232	28	54	2 x 1" G
SBT-64-450	59,9	283	4280	465	510	1460	1280	4000	2000	2000	1312	35	66	2x1 1/4" G







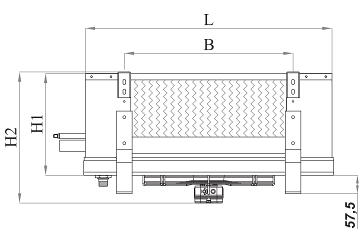


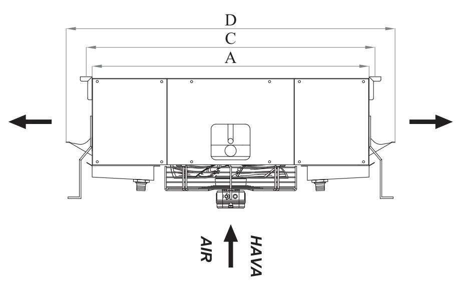
SBT Serisi Çift Üflemeli Oda Soğutucu / SBT Series Discharge Unit Cooler
Kapasite / Capacity

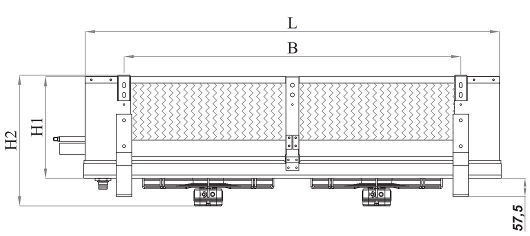
Lamel Aralığı / Fin Spacing **8,0 mm**

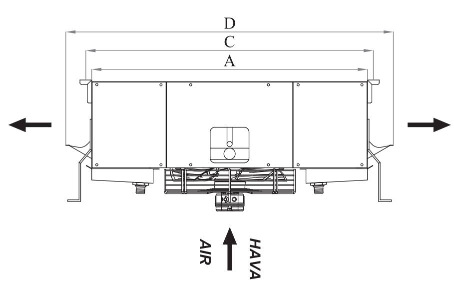
	MODEL	Kapasite Capacity SC1 To= 10°C Te= 0°C ΔT=10K	Kapasite Capacity SC2 To= 0°C Te= -8°C ΔT=8K	Kapasite Capacity SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	FAN Hava Debisi Air Flow	FAN Hava Atım Mesafesi Air Throw	FAN Elektrik Gücü Power Input	FAN Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	Isıtıcılar Electrical Defrost LT Batarya Coil	Isıtıcılar Electrical Defrost LT Tava Drip Tray
		Watt	Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBT-82-125	1370	910	750	3,7	250	850	2x6	95	36	E	2 x 400	2 x 400	2 x 400
1x	SBT-82-130	1860	1240	970	4,5	300	1260	2x4	69	41	D	2 x 400	2 x 400	2 x 400
1x	SBT-82-135	3620	2420	1910	7,8	350	2760	2x6	155	46	D	2 x 520	2 x 520	2 x 520
1x	SBT-84-140	6660	4440	3460	17,6	400	3350	2x6	210	55	C	4 x 520	4 x 520	2 x 520
1x	SBT-84-145	8980	6050	4710	22,1	450	4630	2x8	343	56	D	4 x 650	4 x 650	2 x 650
1x	SBT-84-150	16340	11050	8980	42,4	500	8370	2x10	675	55	D	6 x 1000	6 x 1000	2 x 1000
2x	SBT-82-225	2800	1880	1430	7,5	250	1710	2x6	190	36	E	2 x 800	2 x 800	2 x 800
2x	SBT-82-230	3730	2520	2020	9,0	300	2530	2x4	138	41	D	2 x 800	2 x 800	2 x 800
2x	SBT-82-235	7290	4890	3870	15,4	350	5510	2x7	310	46	D	2 x 1040	2 x 1040	2 x 1040
2x	SBT-84-240	13680	9190	7250	35,3	400	6700	2x7	420	55	C	4 x 1040	4 x 1040	2 x 1040
2x	SBT-84-245	18050	12170	9570	44,1	450	9260	2x8	686	56	D	4 x 1300	4 x 1300	2 x 1300
2x	SBT-84-250	33180	22380	17540	84,2	500	16730	2x10	1350	55	D	6 x 2000	6 x 2000	2 x 2000
3x	SBT-82-325	4200	2840	2240	11,2	250	2560	2x6	285	36	E	2 x 1200	2 x 600	2 x 600
3x	SBT-82-330	5600	3790	3040	13,5	300	3790	2x4	207	41	C	2 x 1200	2 x 600	2 x 600
3x	SBT-82-335	11230	7530	5820	23,3	350	8270	2x7	465	46	D	2 x 1600	2 x 1600	2 x 1600
3x	SBT-84-340	20600	13870	10600	52,9	400	10050	2x7	630	55	C	4 x 1600	4 x 1600	2 x 1600
3x	SBT-84-345	27120	18300	14430	66,2	450	13890	2x8	1029	56	D	4 x 1950	4 x 1950	2 x 1950
3x	SBT-84-350	43220	34190	26430	127,2	500	25100	2x11	2025	55	D	6 x 3000	6 x 3000	2 x 3000
4x	SBT-82-430	7630	5130	3990	17,9	300	5060	2x5	276	41	D	2 x 1600	2 x 1600	2 x 1600
4x	SBT-82-435	14790	9900	7640	30,8	350	11030	2x8	620	46	D	2 x 2090	2 x 2080	2 x 2080
4x	SBT-84-440	27420	18510	14530	70,6	400	13400	2x8	840	55	C	4 x 2090	4 x 2080	2 x 2080
4x	SBT-84-445	36190	24430	19300	88,2	450	18520	2x9	1372	56	D	4 x 2600	4 x 2600	2 x 2600
4x	SBT-84-450	67330	45490	35980	169,7	500	33460	2x11	2700	55	D	6 x 3240	6 x 3240	2 x 3240

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.



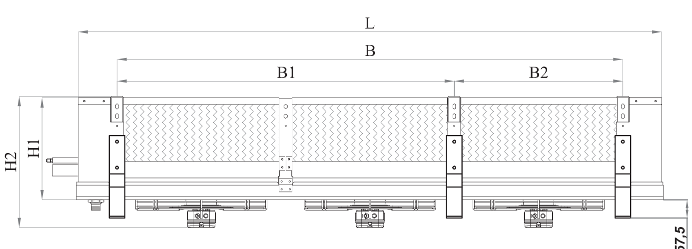


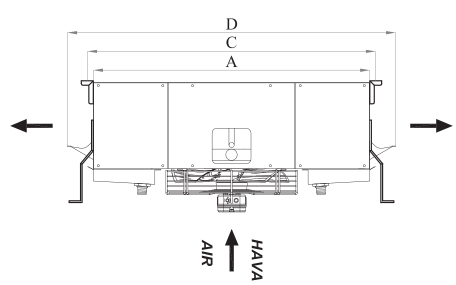


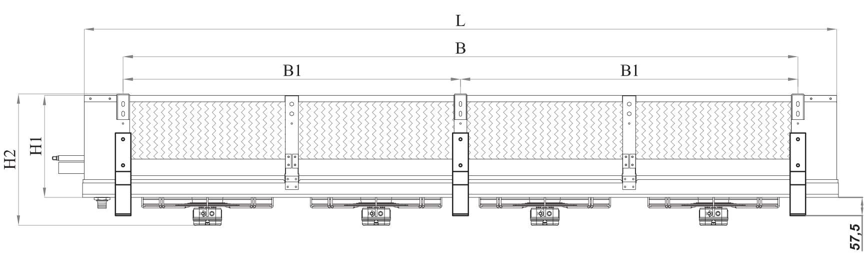


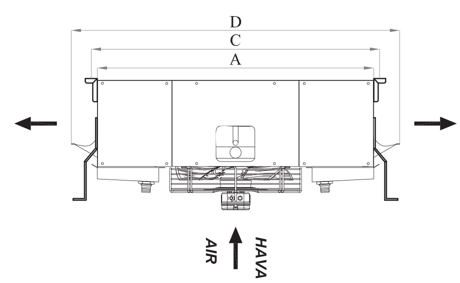
Ölçüler/Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBT-82-125	1,1	18	640	215	255	910	780	400	-	-	812	12,7	12,7	2 x 3/4" G
SBT-82-130	1,3	19	640	245	285	910	780	400	-	-	812	12,7	15,9	2 x 3/4" G
SBT-82-135	2,3	27	760	315	350	1010	850	520	-	-	882	12,7	19	2 x 3/4" G
SBT-84-140	6,2	47	800	380	415	1360	1200	520	-	-	1232	12,7	22	2 x 3/4" G
SBT-84-145	7,8	57	930	380	415	1370	1200	650	-	-	1232	12,7	28	2 x 3/4" G
SBT-84-150	15,0	90	1280	465	510	1460	1280	1000	-	-	1312	15,9	35	2 x 1" G
SBT-82-225	2,2	29	1040	215	255	910	780	800	-	-	812	12,7	15,9	2 x 3/4" G
SBT-82-230	2,6	31	1040	245	285	910	780	800	-	-	812	12,7	19	2 x 3/4" G
SBT-82-235	4,3	45	1280	315	350	1010	850	1040	-	-	882	12,7	22	2 x 3/4" G
SBT-84-240	12,4	81	1320	380	415	1360	1200	1040	-	-	1232	15,9	28	2 x 3/4" G
SBT-84-245	15,6	98	1580	380	415	1370	1200	1300	-	-	1232	15,9	35	2 x 1" G
SBT-84-250	27,9	162	2280	465	510	1460	1280	2000	-	-	1312	22	54	2 x 1" G
SBT-82-325	3,3	40	1440	215	255	910	780	1200	800	400	812	12,7	19	2 x 3/4" G
SBT-82-330	3,9	43	1440	245	285	910	780	1200	800	400	812	12,7	22	2 x 3/4" G
SBT-82-335	6,9	63	1800	315	350	1010	850	1560	1040	520	882	15,9	28	2 x 3/4" G
SBT-84-340	18,7	114	1840	380	415	1360	1200	1560	1040	520	1232	15,9	35	2 x 1" G
SBT-84-345	23,3	140	2230	380	415	1370	1200	1950	1300	650	1232	22	42	2 x 1" G
SBT-84-350	44,9	234	3280	465	510	1460	1280	3000	2000	1000	1312	28	54	2 x 1" G
SBT-82-430	5,2	55	1840	245	285	910	780	1600	800	800	812	15,9	22	2 x 3/4" G
SBT-82-435	8,7	81	2320	315	350	1010	850	2080	1040	1040	882	15,9	35	2 x 1" G
SBT-84-440	24,9	141	2360	380	415	1360	1200	2080	1040	1040	1232	22	42	2 x 1" G
SBT-84-445	31,1	168	2880	380	415	1370	1200	2600	1300	1300	1232	28	54	2 x 1" G
SBT-84-450	59,9	278	4280	465	510	1460	1280	4000	2000	2000	1312	35	66	2x1 1/4" G









Genel Özellikler / Specifications

Batarya
• Bakır borular Ø3/8", Ø1/2",
• Fin malzemesi alüminyumdur,
• Lamel arası 4 - 6 - 8 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak SC1 - SC2 - SC3 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir ($\Delta T = Tr - Te$).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

Evaporator Coil
• Copper tubes Ø3/8", Ø1/2",
• Fins made of aluminium,
• Fin spacing is 4 - 6 -8 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=24 Bar.

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
• Low-noise axial fans with maintenance free motors,

• Protection class IP44/54, Single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

Defrosting
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrost without tubing inside of coil and drip try, without non-return valve,

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to SC1 - SC2 - SC3 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and ($\Delta T = Tr - Te$).

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater


FKM-02

SBL Series Commercial Cubic Unit Cooler

SBL Serisi Ticari Kübik Tip Oda Soğutucu

SBL Series

SARBUZ SBL Serisi Ticari Kübik Tip Oda Soğutucuları, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBL Series Commercial Cubic Unit Cooler are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SBL-84-230-AD

Ticari Kübik Tip Oda Soğutucu
Commercial Cubic Unit Cooler — **SBL-**

Hatve
Fin Spacing — **8**

Batarya Kodu
Coil Code — **4-**

Fan 2 ad. x Ø 300mm.
Fans 2 pcs. x Ø 300mm. — **230-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Sıcak gaz defrost
Hot gas defrost — **GD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

Su ile defrost
Water defrost — **WD**

SBL Serisi Ticari Kübik Tip Oda Soğutucu / SBL Series Commercial Cubic Unit Cooler

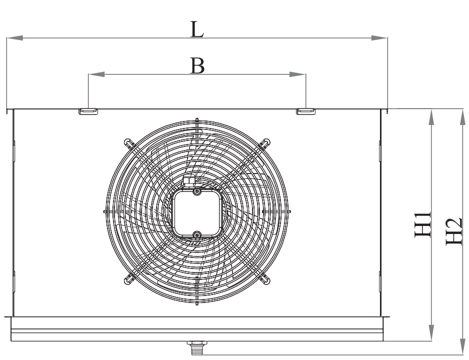
Kapasite / Capacity

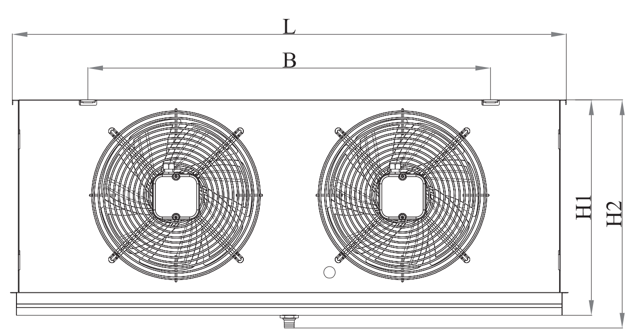
Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite Capacity			Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC1 To= 10°C Te= 0°C ΔT=10K	+2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBL-41-125	1380	1240	930	3,9	250	770	4	95	36	E	1x300		
	SBL-42-125	1600	1430	1070	5,2	250	710	4	95	36	E	2x300		
	SBL-44-125	1850	1710	1280	7,8	250	600	3	95	37	E	2x300		
	SBL-41-130	2330	2120	1590	6,3	300	1400	6	66	41	D	1x400		
	SBL-42-130	2840	2570	1920	8,4	300	1320	6	69	41	C	2x400		
	SBL-43-130	3180	2900	2170	10,5	300	1250	6	70	42	C	2x400		
	SBL-44-130	3450	3160	2370	12,5	300	1190	6	71	42	C	2x400		
	SBL-41-135	4160	3680	2750	10,2	350	2680	11	153	46	D	2x520		
	SBL-42-135	5070	4550	3410	13,6	350	2510	10	155	46	D	2x520		
	SBL-43-135	5660	5140	3840	16,9	350	2370	9	158	46	D	2x520		
	SBL-44-135	6180	5640	4220	20,4	350	2250	9	159	46	C	3x520		
2x	SBL-41-225	2730	2470	1850	7,8	250	1540	5	190	39	E	1x600		
	SBL-42-225	3260	2940	2200	10,5	250	1410	4	190	39	E	2x600		
	SBL-44-225	3750	3430	2570	15,7	250	1200	4	190	40	E	2x600		
	SBL-41-230	4800	4320	3230	12,5	300	2790	7	132	44	D	1x800		
	SBL-42-230	5730	5200	3890	16,7	300	2640	6	138	44	C	2x800		
	SBL-43-230	6440	5870	4390	20,9	300	2510	6	140	45	C	2x800		
	SBL-44-230	6950	6380	4770	25,1	300	2390	6	142	45	C	3x800		
	SBL-41-235	8250	7380	5520	20,2	350	5350	11	306	49	D	2x1040		
	SBL-42-235	10230	9230	6900	27,2	350	5020	11	310	49	D	2x1040		
	SBL-43-235	11380	10230	7650	33,9	350	4740	10	316	49	D	3x1040		
	SBL-44-235	12290	11100	8300	40,6	350	4500	9	318	49	C	3x1040		
3x	SBL-41-325	4200	3800	2840	11,8	250	2320	5	285	41	E	1x900		
	SBL-42-325	4890	4460	3340	15,7	250	2120	4	285	41	E	2x900		
	SBL-44-325	5650	5200	3890	23,5	250	1800	4	285	42	E	2x900		
	SBL-41-330	7050	6410	4800	18,8	300	4190	7	198	46	D	2x1200		
	SBL-42-330	8620	7820	5850	25,1	300	3960	7	207	46	C	2x1200		
	SBL-43-330	9710	8800	6580	31,4	300	3760	7	210	47	C	2x1200		
	SBL-44-330	10390	9390	7030	37,6	300	3580	6	213	47	C	3x1200		
	SBL-41-335	12620	11340	8480	30,4	350	8030	12	459	51	D	2x1600		
	SBL-42-335	15090	13900	10390	40,6	350	7540	11	465	51	D	2x1600		
	SBL-43-335	17160	15440	11550	50,8	350	7120	11	474	51	D	3x1600		
	SBL-44-335	18680	16920	12660	61,1	350	6740	10	477	51	C	3x1600		

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing



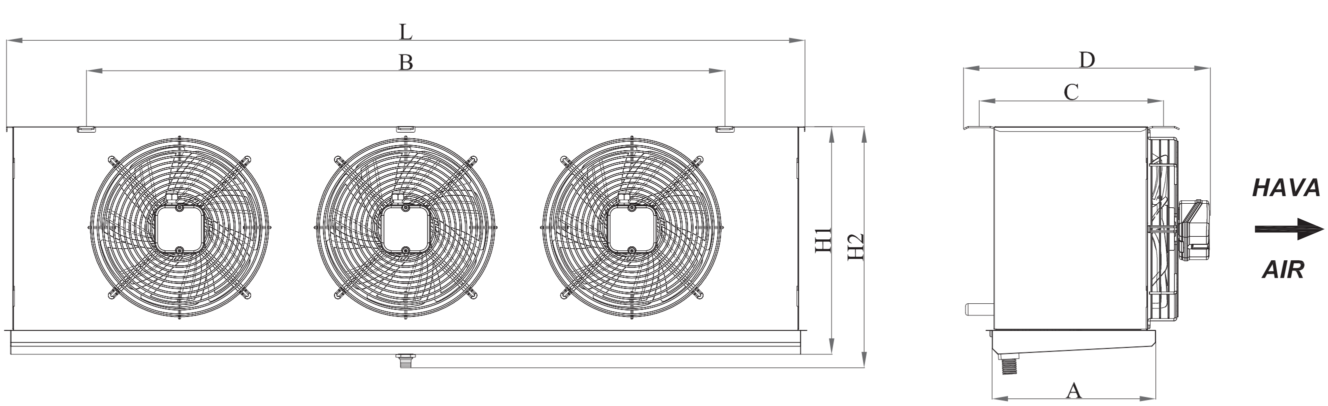


Ölçüler/Measures

SBL

MODEL	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Bağlantılar Connections – Soğutucu Gaz Refrigerant – Giriş Inlet	Bağlantılar Connections – Soğutucu Gaz Refrigerant – Çıkış Outlet	Bağlantılar Connections – Drenaj Drain – Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBL-41-125	0,6	15	610	364	404	450	293	300	-	-	330	9,5	9,5	3/4" G
SBL-42-125	0,8	16	610	364	404	450	293	300	-	-	330	9,5	9,5	3/4" G
SBL-44-125	1,2	19	610	364	404	450	293	300	-	-	330	12,7	12,7	3/4" G
SBL-41-130	1,0	17	710	428	468	465	308	400	-	-	345	12,7	12,7	3/4" G
SBL-42-130	1,3	18	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-43-130	1,7	20	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-44-130	2,0	22	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-41-135	1,6	23	830	524	564	502	338	520	-	-	375	12,7	15,9	3/4" G
SBL-42-135	2,2	25	830	524	564	502	338	520	-	-	375	12,7	19	3/4" G
SBL-43-135	2,6	28	830	524	564	502	338	520	-	-	375	12,7	19	3/4" G
SBL-44-135	3,2	30	830	524	564	502	338	520	-	-	375	12,7	22	3/4" G
SBL-41-225	1,2	23	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-42-225	1,7	25	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-44-225	2,5	30	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-41-230	2,0	26	1110	428	468	465	308	800	-	-	345	12,7	19	3/4" G
SBL-42-230	2,7	29	1110	428	468	465	308	800	-	-	345	12,7	19	3/4" G
SBL-43-230	3,3	32	1110	428	468	465	308	800	-	-	345	12,7	22	3/4" G
SBL-44-230	4,0	34	1110	428	468	465	308	800	-	-	345	12,7	22	3/4" G
SBL-41-235	2,9	36	1350	524	564	502	338	1040	-	-	375	12,7	22	3/4" G
SBL-42-235	4,3	40	1350	524	564	502	338	1040	-	-	375	12,7	28	3/4" G
SBL-43-235	5,2	45	1350	524	564	502	338	1040	-	-	375	12,7	28	3/4" G
SBL-44-235	6,1	49	1350	524	564	502	338	1040	-	-	375	15,9	28	3/4" G
SBL-41-325	1,9	30	1210	364	404	450	293	900	-	-	330	12,7	15,9	3/4" G
SBL-42-325	2,5	33	1210	364	404	450	293	900	-	-	330	12,7	19	3/4" G
SBL-44-325	3,7	41	1210	364	404	450	293	900	-	-	330	12,7	19	3/4" G
SBL-41-330	3,0	34	1510	428	468	465	308	1200	-	-	345	12,7	22	3/4" G
SBL-42-330	4,0	38	1510	428	468	465	308	1200	-	-	345	12,7	22	3/4" G
SBL-43-330	5,0	42	1510	428	468	465	308	1200	-	-	345	12,7	28	3/4" G
SBL-44-330	6,0	47	1510	428	468	465	308	1200	-	-	345	12,7	28	3/4" G
SBL-41-335	4,5	52	1870	524	564	502	338	1560	-	-	375	15,9	28	3/4" G
SBL-42-335	6,1	56	1870	524	564	502	338	1560	-	-	375	15,9	35	3/4" G
SBL-43-335	7,8	62	1870	524	564	502	338	1560	-	-	375	15,9	35	3/4" G
SBL-44-335	9,5	68	1870	524	564	502	338	1560	-	-	375	22	35	3/4" G

Teknik Çizim / Technical Drawing



SBL Serisi Ticari Kübik Tip Oda Soğutucu / SBL Series Commercial Cubic Unit Cooler

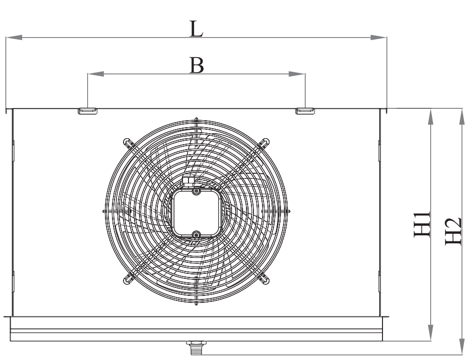
Kapasite / Capacity

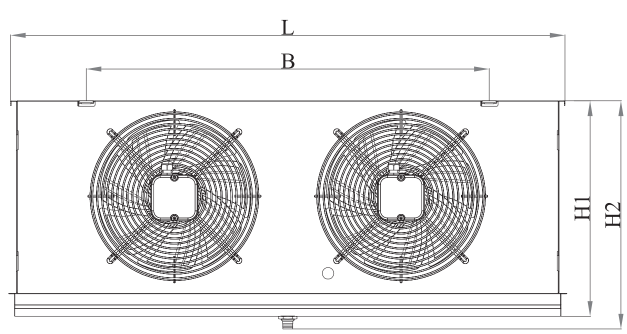
Lamel Aralığı / Fin Spacing **6,0 mm**

	MODEL	Kapasite Capacity SC1 To= 10°C Te= 0°C ΔT=10K	+2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBL-61-125	1100	1000	750	510	2,7	250	810	4	95	36	E	1x300	2x300	1x300
1x	SBL-62-125	1340	1210	900	700	3,6	250	759	4	95	36	E	2x300	2x300	1x300
1x	SBL-64-125	1640	1500	1120	900	5,4	250	661	4	95	37	E	2x300	3x300	1x300
1x	SBL-61-130	1830	1660	1240	1010	4,3	300	1446	7	66	41	D	1x400	2x400	1x400
1x	SBL-62-130	2310	2090	1570	1220	5,8	300	1379	6	69	41	C	2x400	3x400	1x400
1x	SBL-63-130	2680	2420	1810	1450	7,2	300	1319	6	70	42	C	2x400	3x400	1x400
1x	SBL-64-130	2940	2690	2010	1590	8,7	300	1266	6	71	42	C	2x400	3x400	1x400
1x	SBL-61-135	3330	2980	2230	1740	7,0	350	2770	11	153	46	D	2x520	3x520	1x520
1x	SBL-62-135	4130	3720	2780	2190	9,4	350	2642	10	155	46	D	2x520	3x520	1x520
1x	SBL-63-135	4720	4270	3190	2530	11,7	350	2512	10	158	46	D	2x520	3x520	1x520
1x	SBL-64-135	5280	4780	3570	2860	14,1	350	2398	10	159	46	C	3x520	4x520	1x520
2x	SBL-61-225	2170	1920	1440	1170	5,4	250	1621	5	190	39	E	1x600	2x600	1x600
2x	SBL-62-225	2720	2460	1840	1430	7,2	250	1517	4	190	39	E	2x600	2x600	1x600
2x	SBL-64-225	3340	3050	2280	1800	10,8	250	1323	4	190	40	E	2x600	3x600	1x600
2x	SBL-61-230	3790	3420	2560	1960	8,7	300	2893	7	132	44	D	1x800	2x800	1x800
2x	SBL-62-230	4690	4220	3150	2390	11,6	300	2758	7	138	44	C	2x800	3x800	1x800
2x	SBL-63-230	5320	4870	3650	2920	14,4	300	2639	6	140	45	C	2x800	3x800	1x800
2x	SBL-64-230	5970	5420	4050	3260	17,3	300	2532	6	142	45	C	3x800	4x800	1x800
2x	SBL-61-235	6550	5870	4390	3510	14,0	350	5539	12	306	49	D	2x1040	3x1040	1x1040
2x	SBL-62-235	8360	7510	5620	4410	18,8	350	5285	11	310	49	D	2x1040	3x1040	1x1040
2x	SBL-63-235	9560	8610	6440	5160	23,4	350	5024	11	316	49	D	3x1040	4x1040	1x1040
2x	SBL-64-235	10560	9690	7250	5770	28,2	350	4796	10	318	49	C	3x1040	4x1040	1x1040
3x	SBL-61-325	3340	3030	2260	1810	8,1	250	2431	5	285	41	E	1x900	2x900	1x900
3x	SBL-62-325	4000	3670	2750	2220	10,8	250	2276,2	5	285	41	E	2x900	2x900	1x900
3x	SBL-64-325	5000	4570	3420	2770	16,2	250	1983,8	4	285	42	E	2x900	3x900	1x900
3x	SBL-61-330	5720	5000	3740	3070	13,0	300	4339,1	8	198	46	D	2x1200	3x1200	1x1200
3x	SBL-62-330	7040	6350	4750	3800	17,3	300	4136,7	7	207	46	C	2x1200	3x1200	1x1200
3x	SBL-63-330	8120	7370	5510	4330	21,7	300	3958,2	7	210	47	C	2x1200	3x1200	1x1200
3x	SBL-64-330	9000	8140	6090	4920	26,0	300	3797,5	7	213	47	C	3x1200	4x1200	1x1200
3x	SBL-61-335	9930	8940	6690	5210	21,0	350	8308,6	12	459	51	D	2x1600	3x1600	1x1600
3x	SBL-62-335	12400	11110	8310	6730	28,0	350	7927,3	12	465	51	D	2x1600	3x1600	1x1600
3x	SBL-63-335	14400	12980	9710	7760	35,1	350	7536,2	11	474	51	D	3x1600	4x1600	1x1600
3x	SBL-64-335	16040	14510	10850	8740	42,1	350	7194	11	477	51	C	3x1600	4x1600	1x1600

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing

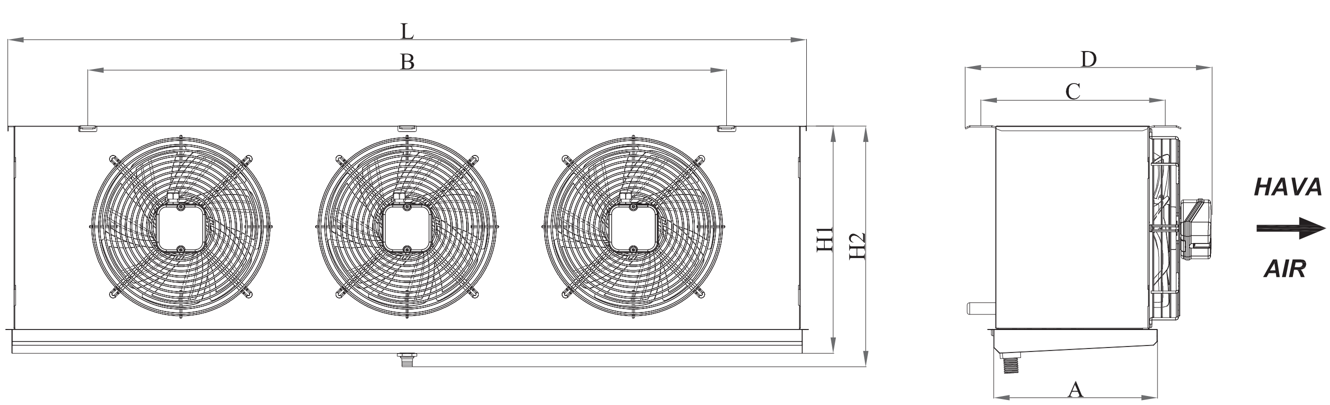




Ölçüler / Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBL-61-125	0,6	14	610	364	404	450	293	300	-	-	330	9,5	9,5	3/4" G
SBL-62-125	0,8	15	610	364	404	450	293	300	-	-	330	9,5	9,5	3/4" G
SBL-64-125	1,2	18	610	364	404	450	293	300	-	-	330	12,7	12,7	3/4" G
SBL-61-130	1,0	16	710	428	468	465	308	400	-	-	345	12,7	12,7	3/4" G
SBL-62-130	1,3	17	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-63-130	1,7	18	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-64-130	2,0	20	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-61-135	1,6	22	830	524	564	502	338	520	-	-	375	12,7	15,9	3/4" G
SBL-62-135	2,2	24	830	524	564	502	338	520	-	-	375	12,7	19	3/4" G
SBL-63-135	2,6	26	830	524	564	502	338	520	-	-	375	12,7	19	3/4" G
SBL-64-135	3,2	35	830	524	564	502	338	520	-	-	375	12,7	22	3/4" G
SBL-61-225	1,2	21	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-62-225	1,7	24	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-64-225	2,5	27	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-61-230	2,0	24	1110	428	468	465	308	800	-	-	345	12,7	19	3/4" G
SBL-62-230	2,7	27	1110	428	468	465	308	800	-	-	345	12,7	19	3/4" G
SBL-63-230	3,3	29	1110	428	468	465	308	800	-	-	345	12,7	22	3/4" G
SBL-64-230	3,9	31	1110	428	468	465	308	800	-	-	345	12,7	22	3/4" G
SBL-61-235	3,0	36	1350	524	564	502	338	1040	-	-	375	12,7	22	3/4" G
SBL-62-235	4,3	38	1350	524	564	502	338	1040	-	-	375	12,7	28	3/4" G
SBL-63-235	5,2	41	1350	524	564	502	338	1040	-	-	375	12,7	28	3/4" G
SBL-64-235	6,5	44	1350	524	564	502	338	1040	-	-	375	15,9	28	3/4" G
SBL-61-325	1,9	28	1210	364	404	450	293	900	-	-	330	12,7	15,9	3/4" G
SBL-62-325	2,5	31	1210	364	404	450	293	900	-	-	330	12,7	19	3/4" G
SBL-64-325	3,7	38	1210	364	404	450	293	900	-	-	330	12,7	19	3/4" G
SBL-61-330	3,0	32	1510	428	468	465	308	1200	-	-	345	12,7	22	3/4" G
SBL-62-330	4,0	35	1510	428	468	465	308	1200	-	-	345	12,7	22	3/4" G
SBL-63-330	5,0	39	1510	428	468	465	308	1200	-	-	345	12,7	28	3/4" G
SBL-64-330	6,0	43	1510	428	468	465	308	1200	-	-	345	12,7	28	3/4" G
SBL-61-335	4,5	47	1870	524	564	502	338	1560	-	-	375	15,9	28	3/4" G
SBL-62-335	6,1	51	1870	524	564	502	338	1560	-	-	375	15,9	35	3/4" G
SBL-63-335	7,8	56	1870	524	564	502	338	1560	-	-	375	15,9	35	3/4" G
SBL-64-335	9,5	61	1870	524	564	502	338	1560	-	-	375	22	35	3/4" G

Teknik Çizim / Technical Drawing



SBL Serisi Ticari Kübik Tip Oda Soğutucu / SBL Series Commercial Cubic Unit Cooler

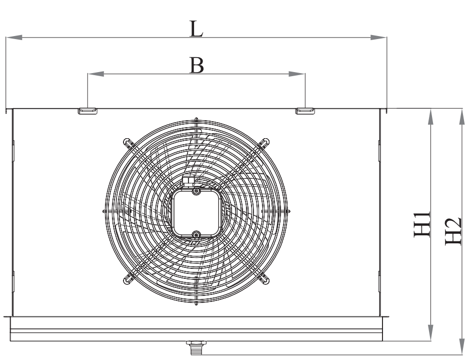
Kapasite / Capacity

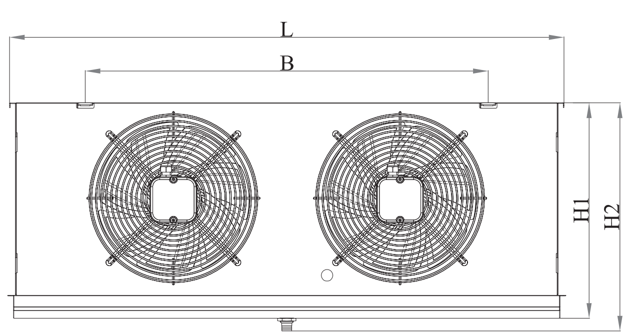
Lamel Aralığı / Fin Spacing **8,0 mm**

	MODEL	Kapasite Capacity +2/-8 To= +2°C Te= -8°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	SC4 To= -25°C Te= -31°C ΔT=6K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
	SBL-81-125	860	640	510	340	2,1	250	830	5	95	36	E	1x300	2x300	1x300
	SBL-82-125	1070	800	590	480	2,8	250	790	4	95	36	E	2x300	2x300	1x300
	SBL-84-125	1340	1000	810	620	4,2	250	700	4	95	37	E	2x300	3x300	1x300
	SBL-81-130	1410	1060	860	690	3,4	300	1470	7	66	41	D	1x400	2x400	1x400
	SBL-82-130	1820	1360	1040	840	4,5	300	1410	7	69	41	C	2x400	3x400	1x400
1x	SBL-83-130	2150	1610	1270	1020	5,6	300	1360	6	70	42	C	2x400	3x400	1x400
	SBL-84-130	2390	1790	1440	1120	6,7	300	1310	6	71	42	C	2x400	3x400	1x400
	SBL-81-135	2580	1930	1500	1210	5,4	350	2820	11	153	46	D	2x520	3x520	1x520
	SBL-82-135	3250	2430	1890	1510	7,2	350	2710	11	155	46	D	2x520	3x520	1x520
	SBL-83-135	3770	2820	2210	1770	9,0	350	2600	10	158	46	D	2x520	3x520	1x520
	SBL-84-135	4290	3210	2560	1990	10,9	350	2490	10	159	46	C	3x520	4x520	1x520
	SBL-81-225	1640	1230	1020	780	4,2	250	1660	5	190	39	E	1x600	2x600	1x600
	SBL-82-225	2170	1620	1230	990	5,5	250	1570	5	190	39	E	2x600	2x600	1x600
	SBL-84-225	2760	2070	1610	1300	8,3	250	1400	4	190	40	E	2x600	3x600	1x600
	SBL-81-230	2940	2200	1750	1580	6,7	300	2950	7	132	44	D	1x800	2x800	1x800
	SBL-82-230	3700	2770	2140	1620	9,0	300	2830	7	138	44	C	2x800	3x800	1x800
	SBL-83-230	4270	3190	2580	2060	11,2	300	2720	7	140	45	C	2x800	3x800	1x800
2x	SBL-84-230	4850	3630	2910	2350	13,5	300	2620	6	142	45	C	3x800	4x800	1x800
	SBL-81-235	5060	3780	2980	2370	10,8	350	5640	12	306	49	D	2x1040	3x1040	1x1040
	SBL-82-235	6580	4920	3840	3120	14,4	350	5420	11	310	49	D	2x1040	3x1040	1x1040
	SBL-83-235	7640	5710	4550	3690	18,1	350	5190	11	316	49	D	3x1040	4x1040	1x1040
	SBL-84-235	8630	6450	5160	4160	21,9	350	4980	10	318	49	C	3x1040	4x1040	1x1040
	SBL-81-325	2590	1930	1570	1140	6,3	250	2490	5	285	41	E	1x900	2x900	1x900
	SBL-82-325	3200	2400	1940	1570	8,4	250	2360	5	285	41	E	2x900	2x900	1x900
	SBL-84-325	4080	3050	2490	2000	12,6	250	2100	4	285	42	E	2x900	3x900	1x900
	SBL-81-330	4450	3330	2610	2100	10,1	300	4420	8	198	46	D	2x1200	3x1200	1x1200
	SBL-82-330	5560	4160	3320	2610	13,5	300	4240	7	207	46	C	2x1200	3x1200	1x1200
3x	SBL-83-330	6530	4880	3830	3000	16,7	300	4080	7	210	47	C	2x1200	3x1200	1x1200
	SBL-84-330	7310	5470	4390	3550	20,2	300	3920	7	213	47	C	3x1200	4x1200	1x1200
	SBL-81-335	7670	5740	4590	3590	16,2	350	8460	13	459	51	D	2x1600	3x1600	1x1600
	SBL-82-335	9770	7310	5880	4760	21,9	350	8130	12	465	51	D	2x1600	3x1600	1x1600
	SBL-83-335	11500	8600	6850	5550	27,2	350	7790	12	474	51	D	3x1600	4x1600	1x1600
	SBL-84-335	12950	9690	7810	6360	32,8	350	7470	11	477	51	C	3x1600	4x1600	1x1600

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing

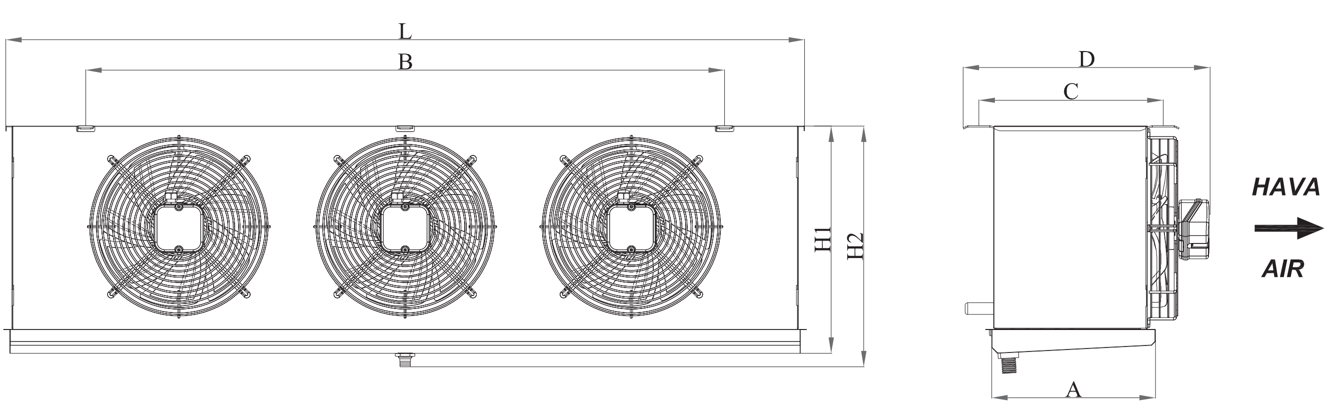




Ölçüler / Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Soğutucu Gaz Refrigerant		Drenaj Drain
												Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBL-81-125	0,6	14	610	364	404	450	293	300	-	-	330	9,5	9,5	3/4" G
SBL-82-125	0,8	15	610	364	404	450	293	300	-	-	330	9,5	9,5	3/4" G
SBL-84-125	1,2	18	610	364	404	450	293	300	-	-	330	12,7	12,7	3/4" G
SBL-81-130	1,0	16	710	428	468	465	308	400	-	-	345	12,7	12,7	3/4" G
SBL-82-130	1,3	17	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-83-130	1,7	18	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-84-130	2,0	20	710	428	468	465	308	400	-	-	345	12,7	15,9	3/4" G
SBL-81-135	1,5	22	830	524	564	502	338	520	-	-	375	12,7	15,9	3/4" G
SBL-82-135	2,0	24	830	524	564	502	338	520	-	-	375	12,7	19	3/4" G
SBL-83-135	2,5	26	830	524	564	502	338	520	-	-	375	12,7	19	3/4" G
SBL-84-135	3,2	35	830	524	564	502	338	520	-	-	375	12,7	22	3/4" G
SBL-81-225	1,2	21	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-82-225	1,5	24	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-84-225	2,3	27	910	364	404	450	293	600	-	-	330	12,7	15,9	3/4" G
SBL-81-230	2,0	24	1110	428	468	465	308	800	-	-	345	12,7	19	3/4" G
SBL-82-230	2,7	27	1110	428	468	465	308	800	-	-	345	12,7	19	3/4" G
SBL-83-230	3,3	29	1110	428	468	465	308	800	-	-	345	12,7	22	3/4" G
SBL-84-230	4,0	31	1110	428	468	465	308	800	-	-	345	12,7	22	3/4" G
SBL-81-235	2,9	36	1350	524	564	502	338	1040	-	-	375	12,7	22	3/4" G
SBL-82-235	4,0	38	1350	524	564	502	338	1040	-	-	375	12,7	28	3/4" G
SBL-83-235	5,2	41	1350	524	564	502	338	1040	-	-	375	12,7	28	3/4" G
SBL-84-235	6,5	44	1350	524	564	502	338	1040	-	-	375	15,9	28	3/4" G
SBL-81-325	1,9	28	1210	364	404	450	293	900	-	-	330	12,7	15,9	3/4" G
SBL-82-325	2,5	31	1210	364	404	450	293	900	-	-	330	12,7	19	3/4" G
SBL-84-325	3,7	38	1210	364	404	450	293	900	-	-	330	12,7	19	3/4" G
SBL-81-330	3,0	32	1510	428	468	465	308	1200	-	-	345	12,7	22	3/4" G
SBL-82-330	4,0	35	1510	428	468	465	308	1200	-	-	345	12,7	22	3/4" G
SBL-83-330	4,7	39	1510	428	468	465	308	1200	-	-	345	12,7	28	3/4" G
SBL-84-330	6,0	43	1510	428	468	465	308	1200	-	-	345	12,7	28	3/4" G
SBL-81-335	4,5	47	1870	524	564	502	338	1560	-	-	375	15,9	28	3/4" G
SBL-82-335	6,5	51	1870	524	564	502	338	1560	-	-	375	15,9	35	3/4" G
SBL-83-335	7,8	56	1870	524	564	502	338	1560	-	-	375	15,9	35	3/4" G
SBL-84-335	9,7	61	1870	524	564	502	338	1560	-	-	375	22	35	3/4" G

Teknik Çizim / Technical Drawing



Genel Özellikler / Specifications

Batarya
• Bakır borular Ø3/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 4 - 6 - 8 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Evaporator Coil
• Copper tubes Ø3/8",
• Fins made of aluminium,
• Fin spacing is 4 - 6 -8 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey)

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, Single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

Defrost
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

Defrosting
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrost without tubing inside of coil and drip try, without non-return valve,
•Water defrost

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak (+2°C/-8°C) - SC1 - SC2 - SC3 - SC4 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir ($\Delta T = Tr - Te$).

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to (+2°C/-8°C) - SC1 - SC2 - SC3 - SC4 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and ($\Delta T = Tr - Te$).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

Accessories
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater

SBE Series Cubic Unit Cooler

SBE Serisi Kübik Tip Oda Soğutucu

SBE Series

SARBUZ SBE Serisi Kübik Tip Oda Soğutucuları, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBE Series Cubic Unit Coolers are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SBE-84-350-AD

Kübik Tip Oda Soğutucu
Cubic Unit Cooler — **SBE-**

Hatve
Fin Spacing — **8**

Batarya Kodu
Coil Code — **4-**

Fan 3 ad. x Ø 500mm.
Fans 3 pcs. x Ø 500mm. — **350-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Sıcak gaz defrost
Hot gas defrost — **GD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

Su ile defrost
Water defrost — **WD**

SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC1 To= 10°C Te= 0°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
	SBE-41-130	2610	1760	8,0	300	1390	6	66	41	C	1x400	-	-
	SBE-42-130	3080	2070	10,6	300	1310	6	69	41	C	2x400	-	-
	SBE-44-130	3690	2540	16,0	300	1190	5	71	42	C	2x400	-	-
	SBE-42-135	5370	3630	16,6	350	2450	10	155	46	D	2x520	-	-
	SBE-43-135	5990	4050	20,7	350	2310	9	158	46	D	2x520	-	-
	SBE-44-135	6350	4410	24,9	350	2180	9	159	46	C	3x520	-	-
	SBE-42-140	6630	4450	19,4	400	3190	11	198	55	D	2x520	-	-
	SBE-43-140	7310	4970	24,2	400	2980	10	205	56	D	3x520	-	-
1x	SBE-44-140	8020	5450	29,0	400	2810	10	210	56	C	3x520	-	-
	SBE-42-145	8220	5380	21,6	450	4510	13	323	57	D	3x650	-	-
	SBE-43-145	9410	6340	27,0	450	4290	13	333	56	D	3x650	-	-
	SBE-44-145	10320	6920	32,5	450	4080	12	343	55	D	4x650	-	-
	SBE-42-150	10640	7100	24,7	500	6680	18	641	55	E	3x650	-	-
	SBE-44-150	13480	9040	37,2	500	5820	15	675	56	E	4x650	-	-
	SBE-42-150L	12680	8510	30,5	500	7400	19	625	55	E	3x800	-	-
	SBE-44-150L	15720	10590	45,6	500	6580	17	645	55	D	4x800	-	-
	SBE-46-150L	17370	11930	60,7	500	5980	16	675	56	D	5x800	-	-
	SBE-41-230	5160	3490	16,0	300	2780	7	132	44	C	1x800	-	-
	SBE-42-230	6250	4220	21,3	300	2620	6	137	44	C	2x800	-	-
	SBE-44-230	7470	5100	31,9	300	2370	6	141	45	C	3x800	-	-
	SBE-42-235	10800	7240	33,2	350	4910	10	310	49	D	2x1040	-	-
	SBE-43-235	12060	8230	41,5	350	4620	10	316	49	C	3x1040	-	-
	SBE-44-235	12880	8710	49,8	350	4360	9	318	49	C	3x1040	-	-
	SBE-42-240	13420	9030	38,7	400	6380	12	398	58	D	2x1040	-	-
2x	SBE-43-240	15010	10170	48,4	400	5970	11	410	59	D	3x1040	-	-
	SBE-44-240	16170	11020	58,1	400	5630	10	420	59	C	3x1040	-	-
	SBE-42-245	16390	11020	43,1	450	9020	14	646	60	D	3x1300	-	-
	SBE-43-245	19060	12740	54,2	450	8590	13	666	59	D	4x1300	-	-
	SBE-44-245	20930	14070	65,1	450	8170	13	686	58	D	4x1300	-	-
	SBE-46-245	23060	15570	86,8	450	7430	11	710	59	D	4x1300	-	-
	SBE-44-250	27080	18240	74,4	500	11490	16	1350	59	E	5x1300	-	-
	SBE-44-250L	31170	21280	91,1	500	13170	18	1290	58	D	5x1600	-	-
	SBE-46-250L	35180	23660	121,5	500	11950	17	1350	59	D	6x1600	-	-
	SBE-41-330	7770	5360	23,9	300	4170	7	198	46	C	2x1200	-	-
	SBE-42-330	9360	6380	31,9	300	3930	7	206	46	C	2x1200	-	-
	SBE-44-330	11230	7710	47,9	300	3560	6	212	47	C	3x1200	-	-
	SBE-42-335	16250	11040	49,8	350	7360	11	465	51	D	2x1600	-	-
	SBE-43-335	18240	12370	62,2	350	6930	10	474	51	C	3x1600	-	-
	SBE-44-335	19420	13150	74,7	350	6540	10	477	51	C	3x1600	-	-
	SBE-42-340	20120	13630	58,1	400	9560	13	597	60	D	2x1600	-	-
3x	SBE-43-340	22590	15270	72,6	400	8950	12	615	61	D	3x1600	-	-
	SBE-44-340	24110	16270	87,1	400	8440	11	630	61	C	3x1600	-	-
	SBE-42-345	25340	16990	65,1	450	13530	15	969	62	D	3x1950	-	-
	SBE-44-345	31400	21250	97,3	450	12250	13	1029	60	D	4x1950	-	-
	SBE-46-345	34820	24050	130,0	450	11150	12	1065	61	D	4x1950	-	-
	SBE-44-350	41060	27630	111,5	500	17460	17	2025	61	E	5x1950	-	-
	SBE-44-350L	47700	32640	137,3	500	19750	19	1935	60	D	5x2400	-	-
	SBE-46-350L	53660	36220	183,0	500	17940	18	2025	61	D	6x2400	-	-
	SBE-42-440	25570	17140	69,4	400	12990	14	796	61	D	2x2090	-	-
	SBE-44-440	31040	21030	103,8	400	11510	12	840	62	C	3x2090	-	-
	SBE-44-445	39090	27070	119,7	450	15660	14	1372	61	D	4x2400	-	-
4x	SBE-46-445	43920	29810	160,2	450	14120	12	1420	62	D	4x2400	-	-
	SBE-44-450L	63670	42510	183,0	500	26340	21	2580	61	D	5x3200	-	-
	SBE-46-450L	71450	48230	243,8	500	23920	19	2700	62	D	6x3200		

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Ölçüler/Measures

MODEL	Ölçüler / Dimensions: Boru Hacmi / Tube Volume (l)	Ağırlık / Weight (kg)	L (mm)	H1 (mm)	H2 (mm)	D (mm)	A (mm)	B (mm)	B1 (mm)	B2 (mm)	C (mm)	Bağlantılar / Connections: Soğutucu Gaz / Refrigerant: Giriş / Inlet (mm Ø)	Soğutucu Gaz / Refrigerant: Çıkış / Outlet (mm Ø)	Drenaj / Drain: Çıkış / Out (Inch)
SBE-41-130	1,5	17	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4″G
SBE-42-130	2,0	18	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4″G
SBE-44-130	3,0	22	740	450	490	488	351	400	-	-	377	12,7	15,9	3/4″G
SBE-42-135	3,1	25	860	530	570	534	391	520	-	-	417	12,7	15,9	3/4″G
SBE-43-135	3,9	28	860	530	570	534	391	520	-	-	417	12,7	19	3/4″G
SBE-44-135	4,7	30	860	530	570	534	391	520	-	-	417	12,7	19	3/4″G
SBE-42-140	3,6	31	860	605	640	554	395	520	-	-	417	12,7	19	3/4″G
SBE-43-140	4,4	34	860	605	640	554	395	520	-	-	417	12,7	19	3/4″G
SBE-44-140	5,4	36	860	605	640	554	395	520	-	-	417	12,7	22	3/4″G
SBE-42-145	4,4	37	1070	610	645	574	435	650	-	-	457	12,7	22	3/4″G
SBE-43-145	5,3	39	1070	610	645	574	435	650	-	-	457	12,7	22	3/4″G
SBE-44-145	6,8	42	1070	610	645	574	435	650	-	-	457	12,7	22	3/4″G
SBE-42-150	4,9	43	1070	690	735	578	435	650	-	-	457	12,7	22	1″G
SBE-44-150	7,8	49	1070	690	735	578	435	650	-	-	457	12,7	28	1″G
SBE-42-150L	6,4	48	1220	690	735	578	435	800	-	-	457	12,7	28	1″G
SBE-44-150L	9,0	55	1220	690	735	578	435	800	-	-	457	15,9	28	1″G
SBE-46-150L	12,0	65	1220	690	735	638	495	800	-	-	517	15,9	35	1″G
SBE-41-230	2,8	26	1140	450	490	488	351	800	-	-	377	12,7	15,9	3/4″G
SBE-42-230	4,0	29	1140	450	490	488	351	800	-	-	377	12,7	19	3/4″G
SBE-44-230	6,0	34	1140	450	490	488	351	800	-	-	377	12,7	19	3/4″G
SBE-42-235	6,2	40	1380	530	570	534	391	1040	-	-	417	12,7	22	3/4″G
SBE-43-235	7,8	45	1380	530	570	534	391	1040	-	-	417	15,9	28	3/4″G
SBE-44-235	9,3	49	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4″G
SBE-42-240	7,0	49	1380	605	640	554	395	1040	-	-	417	12,7	28	3/4″G
SBE-43-240	9,1	54	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4″G
SBE-44-240	10,4	59	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4″G
SBE-42-245	8,1	60	1720	610	645	574	435	1300	-	-	457	15,9	28	1″G
SBE-43-245	11,3	64	1720	610	645	574	435	1300	-	-	457	15,9	35	1″G
SBE-44-245	13,6	70	1720	610	645	574	435	1300	-	-	457	15,9	35	1″G
SBE-46-245	18,2	83	1720	610	645	634	495	1300	-	-	517	15,9	35	1″G
SBE-44-250	15,6	80	1720	690	735	578	435	1300	-	-	457	22	35	1″G
SBE-44-250L	18,0	92	2020	690	735	578	435	1600	-	-	457	22	42	1″G
SBE-46-250L	23,9	110	2020	690	735	638	495	1600	-	-	517	22	42	1″G
SBE-41-330	4,2	34	1540	450	490	488	351	1200	400	800	377	12,7	19	3/4″G
SBE-42-330	5,4	38	1540	450	490	488	351	1200	400	800	377	12,7	22	3/4″G
SBE-44-330	9,0	47	1540	450	490	488	351	1200	400	800	377	15,9	28	3/4″G
SBE-42-335	9,3	56	1900	530	570	534	391	1560	520	1040	417	15,9	28	3/4″G
SBE-43-335	11,7	62	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4″G
SBE-44-335	14,0	68	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4″G
SBE-42-340	10,9	68	1900	605	640	554	395	1560	520	1040	417	15,9	35	1″G
SBE-43-340	13,6	75	1900	605	640	554	395	1560	520	1040	417	15,9	35	1″G
SBE-44-340	16,3	82	1900	605	640	554	395	1560	520	1040	417	15,9	35	1″G
SBE-42-345	13,6	85	2370	610	645	574	435	1950	650	1300	457	15,9	35	1″G
SBE-44-345	19,5	97	2370	610	645	574	435	1950	650	1300	457	22	42	1″G
SBE-46-345	26,7	122	2370	610	645	634	495	1950	650	1300	517	22	42	1″G
SBE-44-350	23,3	111	2820	690	735	578	435	2400	800	1600	457	22	42	1 1/4″G
SBE-44-350L	28,7	130	2820	690	735	578	435	2400	800	1600	457	22	54	1 1/4″G
SBE-46-350L	38,3	157	2820	690	735	638	495	2400	800	1600	517	28	54	1 1/4″G
SBE-42-440	14,5	87	2420	605	640	554	395	2080	1040	1040	417	15,9	35	1″G
SBE-44-440	20,7	101	2420	605	640	554	395	2080	1040	1040	417	22	42	1″G
SBE-44-445	23,9	119	2820	610	645	574	435	2400	1200	1200	457	22	42	1″G
SBE-46-445	33,5	146	2820	610	645	574	435	2400	1200	1200	457	22	54	1″G
SBE-44-450L	37,7	184	3620	610	645	574	435	3200	1600	1600	457	28	54	1 1/4″G
SBE-46-450L	50,3	221	3620	610	645	634	495	3200	1600	1600	517	28	54	1 1/4″G

SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **6,0 mm**

	MODEL	Kapasite Capacity SC1 To= 10°C Te= 0°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
	SBE-61-130	2140	1450	1140	5,5	300	1440	7	65	41	C	1x400	2x400	1x400
	SBE-62-130	2630	1770	1340	7,3	300	1371	6	66	41	C	2x400	3x400	1x400
	SBE-64-130	3250	2220	1800	11,0	300	1256	6	69	42	B	2x400	3x400	1x400
	SBE-62-135	4520	3060	2420	11,4	350	2584	10	151	46	D	2x520	3x520	1x520
	SBE-63-135	5220	3520	2840	14,2	350	2450	10	155	46	C	2x520	3x520	1x520
	SBE-64-135	5700	3840	3130	17,1	350	2330	9	158	46	C	3x520	4x520	1x520
	SBE-62-140	5640	3790	3000	13,3	400	3374	12	196	55	D	2x520	3x520	1x520
	SBE-63-140	6370	4260	3410	16,6	400	3176	11	198	56	C	3x520	4x520	1x520
1x	SBE-64-140	7090	4810	3830	19,9	400	3010	10	205	56	C	3x520	4x520	1x520
	SBE-62-145	7280	4910	3980	16,6	450	4649	14	318	57	D	3x650	4x650	1x650
	SBE-63-145	8470	5700	4610	20,8	450	4440	13	328	56	D	3x650	4x650	1x650
	SBE-64-145	9500	6380	5150	24,9	450	4253	12	338	55	D	4x650	5x650	1x650
	SBE-62-150	9470	6360	5100	19,0	500	6928	18	636	55	E	3x650	4x650	1x650
	SBE-64-150	12320	8270	6660	28,5	500	6057	16	670	56	E	4x650	5x650	1x650
	SBE-62-150L	11060	7550	5900	23,4	500	7600	20	620	55	E	3x800	4x800	1x800
	SBE-64-150L	14240	9600	7850	35,1	500	6811	18	640	55	D	4x800	5x800	1x800
	SBE-66-150L	16170	11040	9010	46,8	500	6194	16	670	56	D	5x800	6x800	2x800
	SBE-61-230	4210	2850	2290	11,0	300	2881	7	129	44	C	1x800	2x800	1x800
	SBE-62-230	5310	3590	2790	14,6	300	2742	7	132	44	C	2x800	3x800	1x800
	SBE-64-230	6630	4520	3590	21,9	300	2512	6	138	45	B	3x800	4x800	1x800
	SBE-62-235	9210	6190	4920	22,8	350	5168	11	302	49	D	2x1040	3x1040	1x1040
	SBE-63-235	10400	6990	5690	28,5	350	4900	10	310	49	C	3x1040	4x1040	1x1040
	SBE-64-235	11530	7790	6340	34,2	350	4660	10	316	49	C	3x1040	4x1040	1x1040
	SBE-62-240	11370	7660	5890	26,6	400	6748	12	392	58	D	2x1040	3x1040	1x1040
	SBE-63-240	12990	8790	7070	33,2	400	6352	12	396	59	C	3x1040	4x1040	1x1040
2x	SBE-64-240	14180	9590	7780	39,9	400	6020	11	410	59	C	3x1040	4x1040	1x1040
	SBE-62-245	14930	9730	8020	33,2	450	9298	14	636	60	D	3x1300	4x1300	1x1300
	SBE-63-245	17290	11570	9140	41,6	450	8881	14	656	59	D	4x1300	5x1300	1x1300
	SBE-64-245	19210	12930	10380	49,9	450	8506	13	676	58	D	4x1300	5x1300	1x1300
	SBE-66-245	21760	14690	12050	66,5	450	7810	12	700	59	D	4x1300	5x1300	2x1300
	SBE-64-250	24860	16730	13400	57,0	500	12114	17	1340	59	E	5x1300	6x1300	1x1300
	SBE-64-250L	28990	19380	15630	70,1	500	13622	19	1280	58	D	5x1600	6x1600	1x1600
	SBE-66-250L	32760	22080	18200	93,5	500	12388	17	1340	59	D	6x1600	7x1600	2x1600
	SBE-61-330	6470	4330	3520	16,4	300	4312	8	194	46	C	2x1200	3x1200	1x1200
	SBE-62-330	7790	5260	4340	21,9	300	4113	7	198	46	C	2x1200	3x1200	1x1200
	SBE-64-330	9810	6700	5490	32,9	300	3768	7	207	47	B	3x1200	4x1200	1x1200
	SBE-62-335	13820	9250	7420	34,2	350	7752	12	453	51	D	2x1600	3x1600	1x1600
	SBE-63-335	15810	10640	8430	42,7	350	7350	11	465	51	C	3x1600	4x1600	1x1600
	SBE-64-335	17360	11740	9550	51,3	350	6990	10	474	51	C	3x1600	4x1600	1x1600
	SBE-62-340	16660	11150	9110	39,9	400	10122	13	588	60	D	2x1600	3x1600	1x1600
3x	SBE-63-340	19580	13240	10310	49,9	400	9528	12	594	61	C	3x1600	4x1600	1x1600
	SBE-64-340	21510	14510	11590	59,8	400	9030	12	615	61	C	3x1600	4x1600	1x1600
	SBE-62-345	22570	15150	11910	49,9	450	13947	15	954	62	D	3x1950	4x1600	1x1600
	SBE-64-345	28510	19390	15730	74,8	450	12759	14	1014	60	D	4x1950	5x1950	1x1950
	SBE-66-345	32790	22450	18140	99,7	450	11715	13	1050	61	C	4x1950	5x1950	2x1950
	SBE-64-350	37400	25200	20110	85,5	500	18171	18	2010	61	E	5x1950	6x1950	1x1950
	SBE-64-350L	43640	29230	23740	105,2	500	20433	20	1920	60	D	5x2400	6x2400	1x2400
	SBE-66-350L	49920	33750	26970	140,3	500	18582	18	2010	61	D	6x2400	7x2400	2x2400
	SBE-62-440	22920	15390	12090	53,2	400	13496	14	784	61	D	2x2090	3x2090	1x2090
	SBE-64-440	28510	19310	15680	79,8	400	12040	13	820	62	C	3x2090	4x2090	1x2090
	SBE-64-445	36050	24690	19450	92,1	450	17012	15	1352	61	D	4x2400	5x2400	1x2400
4x	SBE-66-445	41410	28070	22380	122,8	450	15620	14	1400	62	D	4x2400	5x2400	2x2400
	SBE-64-450	46550	31570	24520	105,2	500	24228	19	2680	62	E	5x2400	6x2400	1x2400
	SBE-64-450L	58280	39020	28290	140,3	500	27244	21	2560	61	D	5x3200	6x3200	1x3200
	SBE-66-450L	66450	44900	33460	187,3	500	24776	19	2680	62	D	6x3200	7x3200	2x3200

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBE-61-130	1,5	16	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4" G
SBE-62-130	2,0	17	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4" G
SBE-64-130	3,0	20	740	450	490	488	351	400	-	-	377	12,7	15,9	3/4" G
SBE-62-135	3,1	24	860	530	570	534	391	520	-	-	417	12,7	15,9	3/4" G
SBE-63-135	3,9	26	860	530	570	534	391	520	-	-	417	12,7	19	3/4" G
SBE-64-135	4,7	35	860	530	570	534	391	520	-	-	417	12,7	19	3/4" G
SBE-62-140	3,6	29	860	605	640	554	395	520	-	-	417	12,7	19	3/4" G
SBE-63-140	4,4	31	860	605	640	554	395	520	-	-	417	12,7	19	3/4" G
SBE-64-140	5,4	34	860	605	640	554	395	520	-	-	417	12,7	22	3/4" G
SBE-62-145	4,5	35	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-63-145	5,3	37	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-64-145	6,8	40	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-62-150	4,9	41	1070	690	735	578	435	650	-	-	457	12,7	22	1" G
SBE-64-150	7,8	47	1070	690	735	578	435	650	-	-	457	12,7	28	1" G
SBE-62-150L	6,0	46	1220	690	735	578	435	800	-	-	457	12,7	28	1" G
SBE-64-150L	9,6	53	1220	690	735	578	435	800	-	-	457	15,9	28	1" G
SBE-66-150L	12,0	63	1220	690	735	638	495	800	-	-	517	15,9	35	1" G
SBE-61-230	2,8	24	1140	450	490	488	351	800	-	-	377	12,7	15,9	3/4" G
SBE-62-230	4,0	27	1140	450	490	488	351	800	-	-	377	12,7	19	3/4" G
SBE-64-230	6,0	31	1140	450	490	488	351	800	-	-	377	12,7	19	3/4" G
SBE-62-235	6,2	48	1380	530	570	534	391	1040	-	-	417	12,7	22	3/4" G
SBE-63-235	7,8	41	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4" G
SBE-64-235	9,3	44	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4" G
SBE-62-240	7,0	46	1380	605	640	554	395	1040	-	-	417	12,7	28	3/4" G
SBE-63-240	9,1	50	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4" G
SBE-64-240	10,4	54	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4" G
SBE-62-245	9,1	56	1720	610	645	574	435	1300	-	-	457	15,9	28	1" G
SBE-63-245	11,3	60	1720	610	645	574	435	1300	-	-	457	15,9	35	1" G
SBE-64-245	13,6	66	1720	610	645	574	435	1300	-	-	457	15,9	35	1" G
SBE-66-245	18,2	79	1720	610	645	634	495	1300	-	-	517	15,9	35	1" G
SBE-64-250	15,6	76	1720	690	735	578	435	1300	-	-	457	22	35	1" G
SBE-64-250L	19,2	88	2020	690	735	578	435	1600	-	-	457	22	42	1" G
SBE-66-250L	25,5	106	2020	690	735	638	495	1600	-	-	517	22	42	1" G
SBE-61-330	4,2	32	1540	450	490	488	351	1200	400	800	377	12,7	19	3/4" G
SBE-62-330	5,4	35	1540	450	490	488	351	1200	400	800	377	12,7	22	3/4" G
SBE-64-330	9,0	43	1540	450	490	488	351	1200	400	800	377	12,7	28	3/4" G
SBE-62-335	9,3	51	1900	530	570	534	391	1560	520	1040	417	15,9	28	3/4" G
SBE-63-335	11,7	56	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4" G
SBE-64-335	14,0	61	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4" G
SBE-62-340	10,9	62	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-63-340	13,6	68	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-64-340	16,3	74	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-62-345	13,6	77	2370	610	645	574	435	1950	650	1300	457	15,9	35	1" G
SBE-64-345	19,5	91	2370	610	645	574	435	1950	650	1300	457	22	42	1" G
SBE-66-345	26,7	115	2370	610	645	634	495	1950	650	1300	517	22	42	1" G
SBE-64-350	23,3	105	2820	690	735	578	435	2400	800	1600	457	22	42	1 1/4" G
SBE-64-350L	28,7	124	2820	690	735	578	435	2400	800	1600	457	22	54	1 1/4" G
SBE-66-350L	38,3	151	2820	690	735	638	495	2400	800	1600	517	28	54	1 1/4" G
SBE-62-440	14,5	79	2420	605	640	554	395	2080	1040	1040	417	15,9	35	1" G
SBE-64-440	20,7	93	2420	605	640	554	395	2080	1040	1040	417	22	42	1" G
SBE-64-445	25,1	111	2820	610	645	574	435	2400	1200	1200	457	22	42	1" G
SBE-66-445	33,5	138	2820	610	645	574	435	2400	1200	1200	457	22	54	1" G
SBE-64-450	28,7	127	2820	610	645	574	435	2400	1200	1200	457	28	54	1 1/4" G
SBE-64-450L	37,7	176	3620	610	645	574	435	3200	1600	1600	457	28	54	1 1/4" G
SBE-66-450L	50,3	213	3620	610	645	634	495	3200	1600	1600	517	28	54	1 1/4" G

SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **8,0 mm**

	MODEL	Kapasite Capacity			Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	SC4 To= -25°C Te= -31°C ΔT=6K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
	SBE-81-130	1240	990	790	4,2	300	1470	7	63	41	C	1x400	2x400	1x400
	SBE-82-130	1550	1120	910	5,6	300	1410	7	66	41	C	2x400	3x400	1x400
	SBE-84-130	1950	1580	1270	8,5	300	1300	6	69	42	B	2x400	3x400	1x400
	SBE-82-135	2660	2140	1600	8,8	350	2670	11	151	46	D	2x520	3x520	1x520
	SBE-83-135	3120	2440	1960	11,0	350	2540	10	155	46	C	2x520	3x520	1x520
	SBE-84-135	3470	2800	2230	13,2	350	2430	10	155	46	C	3x520	4x520	1x520
	SBE-82-140	3310	2560	2040	10,3	400	3490	12	193	55	D	2x520	3x520	1x520
	SBE-83-140	3810	3030	2430	12,8	400	3310	11	198	56	C	3x520	4x520	1x520
1x	SBE-84-140	4310	3350	2680	15,4	400	3150	11	198	56	C	3x520	4x520	1x520
	SBE-82-145	4310	3410	2680	12,8	450	4780	14	315	57	D	3x650	4x650	1x650
	SBE-83-145	5020	3970	3180	16,1	450	4580	13	321	56	D	3x650	4x650	1x650
	SBE-84-145	5730	4520	3610	19,3	450	4410	13	328	55	D	4x650	5x650	1x650
	SBE-82-150	5540	4470	3630	23,7	500	7230	19	620	55	E	3x650	4x650	1x650
	SBE-84-150	7430	5940	4760	23,7	500	6370	17	650	56	E	4x650	5x650	1x650
	SBE-82-150L	6470	5140	4140	22,0	500	7860	21	610	55	E	3x800	4x800	1x800
	SBE-84-150L	8570	6930	5470	27,1	500	7120	19	632	55	D	4x800	5x800	1x800
	SBE-86-150L	10000	8260	6550	36,1	500	6510	17	650	56	D	5x800	6x800	2x800
	SBE-81-230	2430	1980	1580	8,5	300	2940	7	125	44	C	1x800	2x800	1x800
	SBE-82-230	3130	2350	1890	11,3	300	2820	7	132	44	C	2x800	3x800	1x800
	SBE-84-230	4050	3230	2530	16,9	300	2600	6	137	45	B	3x800	4x800	1x800
	SBE-82-235	5420	4330	3500	17,6	350	5330	11	302	49	D	2x1040	3x1040	1x1040
	SBE-83-235	6230	5050	4070	22,0	350	5080	11	310	49	C	3x1040	4x1040	1x1040
	SBE-84-235	7030	5660	4540	26,4	350	4850	10	310	49	C	3x1040	4x1040	1x1040
	SBE-82-240	6680	5160	4150	20,5	400	6980	13	386	58	D	2x1040	3x1040	1x1040
	SBE-83-240	7770	6150	4920	25,7	400	6620	12	396	59	C	3x1040	4x1040	1x1040
2x	SBE-84-240	8670	7000	5630	30,8	400	6290	12	396	59	C	3x1040	4x1040	1x1040
	SBE-82-245	8750	6970	5600	25,7	450	9560	15	630	60	D	3x1300	4x1300	1x1300
	SBE-83-245	10270	8170	6460	32,1	450	9160	14	642	59	D	4x1300	5x1300	1x1300
	SBE-84-245	11580	9140	7290	38,5	450	8810	14	656	58	D	4x1300	5x1300	1x1300
	SBE-86-245	13540	10980	8860	51,4	450	8190	13	680	59	C	4x1300	5x1300	2x1300
	SBE-84-250	15000	11970	9630	44,0	500	12750	18	1300	59	E	5x1300	6x1300	1x1300
	SBE-84-250L	17490	14000	11390	54,2	500	14240	20	1264	58	D	5x1600	6x1600	1x1600
	SBE-86-250L	20270	16650	13480	72,3	500	13030	18	1300	59	D	6x1600	7x1600	2x1600
	SBE-81-330	3740	3040	2450	12,7	300	4400	8	188	46	C	2x1200	3x1200	1x1200
	SBE-82-330	4580	3780	3030	16,9	300	4230	7	198	46	C	2x1200	3x1200	1x1200
	SBE-84-330	6010	4920	3960	25,4	300	3900	7	206	47	B	3x1200	4x1200	1x1200
	SBE-82-335	8140	6520	5290	26,4	350	8000	12	453	51	D	2x1600	3x1600	1x1600
	SBE-83-335	9470	7490	6070	33,0	350	7610	11	465	51	C	3x1600	4x1600	1x1600
	SBE-84-335	10580	8520	6850	39,6	350	7280	11	465	51	C	3x1600	4x1600	1x1600
	SBE-82-340	9930	8010	6510	30,8	400	10470	14	579	60	D	2x1600	3x1600	1x1600
3x	SBE-83-340	11720	9150	7450	38,5	400	9920	13	594	61	C	3x1600	4x1600	1x1600
	SBE-84-340	13090	10420	8430	46,2	400	9440	12	594	61	C	3x1600	4x1600	1x1600
	SBE-82-345	13210	10380	8460	38,5	450	14340	16	945	62	D	3x1950	4x1600	1x1600
	SBE-84-345	17250	14010	11300	57,8	450	13220	14	963	60	D	4x1950	5x1950	1x1950
	SBE-86-345	20400	16330	13260	77,1	450	12290	13	1020	61	C	4x1950	5x1950	2x1950
	SBE-84-350	22580	17990	14680	66,0	500	19120	19	1950	61	E	5x1950	6x1950	1x1950
	SBE-84-350L	26340	20880	16890	81,3	500	21360	21	1896	60	D	5x2400	6x2400	1x2400
	SBE-86-350L	30980	24690	20090	108,4	500	19540	19	1950	61	D	6x2400	7x2400	2x2400
	SBE-82-440	13480	10600	8620	41,1	400	13950	15	772	61	D	2x2090	3x2090	1x2090
	SBE-84-440	17320	14080	11370	61,6	400	12580	13	792	62	C	3x2090	4x2090	1x2090
	SBE-84-445	21730	17480	14170	71,1	450	17070	15	1312	61	D	4x2400	5x2400	1x2400
4x	SBE-86-445	25800	19720	15680	94,8	450	15690	14	1360	62	D	4x2400	5x2400	2x2400
	SBE-84-450	28100	22190	17770	81,3	500	24340	19	2600	62	E	5x2400	6x2400	1x2400
	SBE-84-450L	35170	26020	20320	108,4	500	28480	22	2528	61	D	5x3200	6x3200	1x3200
	SBE-86-450L	41210	31150	24560	144,5	500	26060	20	2600	62	D	6x3200	7x3200	2x3200

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

SBE

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBE-81-130	1,5	16	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4" G
SBE-82-130	2,0	17	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4" G
SBE-84-130	3,0	20	740	450	490	488	351	400	-	-	377	12,7	15,9	3/4" G
SBE-82-135	3,1	23	860	530	570	534	391	520	-	-	417	12,7	15,9	3/4" G
SBE-83-135	3,9	25	860	530	570	534	391	520	-	-	417	12,7	19	3/4" G
SBE-84-135	4,7	27	860	530	570	534	391	520	-	-	417	12,7	19	3/4" G
SBE-82-140	3,6	29	860	605	640	554	395	520	-	-	417	12,7	19	3/4" G
SBE-83-140	4,4	31	860	605	640	554	395	520	-	-	417	12,7	19	3/4" G
SBE-84-140	5,4	34	860	605	640	554	395	520	-	-	417	12,7	22	3/4" G
SBE-82-145	4,5	34	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-83-145	5,3	36	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-84-145	6,8	39	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-82-150	4,9	40	1070	690	735	578	435	650	-	-	457	12,7	22	1" G
SBE-84-150	7,8	45	1070	690	735	578	435	650	-	-	457	12,7	28	1" G
SBE-82-150L	6,0	45	1220	690	735	578	435	800	-	-	457	12,7	28	1" G
SBE-84-150L	9,6	51	1220	690	735	578	435	800	-	-	457	15,9	28	1" G
SBE-86-150L	12,0	61	1220	690	735	638	495	800	-	-	517	15,9	35	1" G
SBE-81-230	2,8	24	1140	450	490	488	351	800	-	-	377	12,7	15,9	3/4" G
SBE-82-230	4,0	26	1140	450	490	488	351	800	-	-	377	12,7	19	3/4" G
SBE-84-230	6,0	30	1140	450	490	488	351	800	-	-	377	12,7	19	3/4" G
SBE-82-235	6,2	36	1380	530	570	534	391	1040	-	-	417	12,7	22	3/4" G
SBE-83-235	7,8	40	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4" G
SBE-84-235	9,3	43	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4" G
SBE-82-240	7,0	44	1380	605	640	554	395	1040	-	-	417	12,7	28	3/4" G
SBE-83-240	9,1	48	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4" G
SBE-84-240	10,4	52	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4" G
SBE-82-245	9,1	54	1720	610	645	574	435	1300	-	-	457	15,9	28	1" G
SBE-83-245	11,3	59	1720	610	645	574	435	1300	-	-	457	15,9	35	1" G
SBE-84-245	13,6	64	1720	610	645	574	435	1300	-	-	457	15,9	35	1" G
SBE-86-245	18,2	76	1720	610	645	634	495	1300	-	-	517	22	35	1" G
SBE-84-250	15,6	74	1720	690	735	578	435	1300	-	-	457	22	35	1" G
SBE-84-250L	19,2	85	2020	690	735	578	435	1600	-	-	457	22	42	1" G
SBE-86-250L	25,5	102	2020	690	735	638	495	1600	-	-	517	22	42	1" G
SBE-81-330	4,2	32	1540	450	490	488	351	1200	400	800	377	12,7	19	3/4" G
SBE-82-330	5,4	34	1540	450	490	488	351	1200	400	800	377	12,7	22	3/4" G
SBE-84-330	9,0	41	1540	450	490	488	351	1200	400	800	377	12,7	28	3/4" G
SBE-82-335	9,3	50	1900	530	570	534	391	1560	520	1040	417	15,9	28	3/4" G
SBE-83-335	11,7	54	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4" G
SBE-84-335	14,0	59	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4" G
SBE-82-340	10,9	60	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-83-340	13,6	66	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-84-340	16,3	71	1900	605	640	554	395	1560	520	1040	417	22	35	1" G
SBE-82-345	13,6	75	2370	610	645	574	435	1950	650	1300	457	22	35	1" G
SBE-84-345	19,5	88	2370	610	645	574	435	1950	650	1300	457	22	42	1" G
SBE-86-345	26,7	110	2370	610	645	634	495	1950	650	1300	517	22	42	1" G
SBE-84-350	23,3	102	2820	690	735	578	435	2400	800	1600	457	22	42	1 1/4" G
SBE-84-350L	28,7	120	2820	690	735	578	435	2400	800	1600	457	28	54	1 1/4" G
SBE-86-350L	38,3	158	2820	690	735	638	495	2400	800	1600	517	28	54	1 1/4" G
SBE-82-440	14,5	76	2420	605	640	554	395	2080	1040	1040	417	15,9	35	1" G
SBE-84-440	20,7	90	2420	605	640	554	395	2080	1040	1040	417	22	42	1" G
SBE-84-445	23,9	107	2820	610	645	574	435	2400	1200	1200	457	22	42	1" G
SBE-86-445	33,5	132	2820	610	645	574	435	2400	1200	1200	457	22	54	1" G
SBE-84-450	28,7	123	2820	610	645	574	435	2400	1200	1200	457	28	54	1 1/4" G
SBE-84-450L	37,7	170	3620	610	645	574	435	3200	1600	1600	457	28	54	1 1/4" G
SBE-86-450L	50,3	205	3620	610	645	634	495	3200	1600	1600	517	28	54	1 1/4" G

SBE Serisi Kübik Tip Oda Soğutucu / SBE Series Cubic Unit Cooler

Kapasite / Capacity

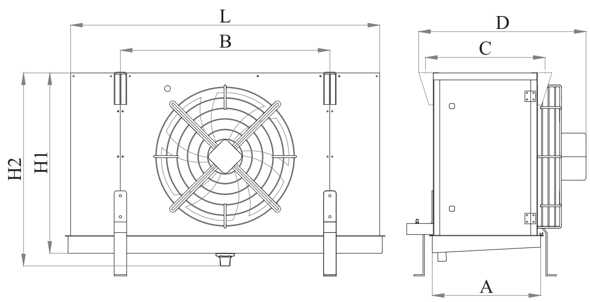
Lamel Aralığı / Fin Spacing **10,0 mm**

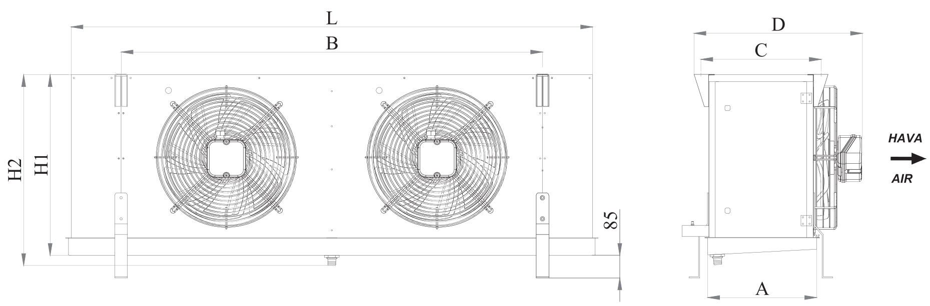
	MODEL	Kapasite Capacity SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	SC4 To= -25°C Te= -31°C ΔT=6K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
	SBE-101-130	1110	890	700	3,5	300	1490	7	C	41	C	1x400	2x400	1x400
	SBE-102-130	1410	1000	810	4,6	300	1430	7	C	41	C	2x400	3x400	1x400
	SBE-104-130	1760	1440	1160	7,0	300	1330	6	B	42	B	2x400	3x400	1x400
	SBE-102-135	2410	1950	1550	7,2	350	2710	11	D	46	D	2x520	3x520	1x520
	SBE-103-135	2870	2200	1770	9,1	350	2600	10	C	46	C	2x520	3x520	1x520
	SBE-104-135	3230	2560	2040	10,9	350	2490	10	C	46	C	3x520	4x520	1x520
	SBE-102-140	3030	2280	1820	8,5	400	3570	12	D	55	D	2x520	3x520	1x520
	SBE-103-140	3520	2810	2200	10,6	400	3400	12	C	56	C	3x520	4x520	1x520
1x	SBE-104-140	3990	3050	2450	12,7	400	3240	11	C	56	C	3x520	4x520	1x520
	SBE-102-145	3960	3130	2390	10,6	450	4860	14	D	57	D	3x650	4x650	1x650
	SBE-103-145	4600	3600	2860	13,2	450	4680	14	D	56	D	3x650	4x650	1x650
	SBE-104-145	5320	4180	3270	15,9	450	4510	13	D	55	D	4x650	5x650	1x650
	SBE-102-150	5080	4130	3310	13,0	500	7420	19	E	55	E	3x650	4x650	1x650
	SBE-104-150	6930	5410	4340	19,5	500	6600	17	E	56	E	4x650	5x650	1x650
	SBE-102-150L	5940	4670	3700	14,9	500	8030	21	E	55	E	3x800	4x800	1x800
	SBE-104-150L	8060	6470	4970	22,3	500	7320	19	D	55	D	4x800	5x800	1x800
	SBE-106-150L	9430	7740	6200	29,7	500	6740	18	D	56	D	5x800	6x800	2x800
	SBE-101-230	2160	1760	1400	7,0	300	2970	7	C	44	C	1x800	2x800	1x800
	SBE-102-230	2850	2090	1680	9,3	300	2870	7	C	44	C	2x800	3x800	1x800
	SBE-104-230	3700	3000	2300	13,9	300	2660	7	B	45	B	3x800	4x800	1x800
	SBE-102-235	4950	3950	3160	14,5	350	5430	11	D	49	D	2x1040	3x1040	1x1040
	SBE-103-235	5770	4620	3690	18,1	350	5200	11	C	49	C	3x1040	4x1040	1x1040
	SBE-104-235	6530	5170	4150	21,7	350	4990	10	C	49	C	3x1040	4x1040	1x1040
	SBE-102-240	6100	4680	3710	16,9	400	7130	13	D	58	D	2x1040	3x1040	1x1040
	SBE-103-240	6930	5540	4450	21,1	400	6800	13	C	59	C	3x1040	4x1040	1x1040
2x	SBE-104-240	8030	6450	5150	25,4	400	6480	12	C	59	C	3x1040	4x1040	1x1040
	SBE-102-245	8020	6280	5000	21,1	450	9720	15	D	60	D	3x1300	4x1300	1x1300
	SBE-103-245	9480	7560	6110	26,4	450	9360	14	D	59	D	4x1300	5x1300	1x1300
	SBE-104-245	10740	8490	6850	31,7	450	9010	14	D	58	D	4x1300	5x1300	1x1300
	SBE-106-245	12750	10230	8220	42,3	450	8440	13	C	59	C	4x1300	5x1300	2x1300
	SBE-104-250	13970	11020	8790	36,2	500	13200	18	E	59	E	5x1300	6x1300	1x1300
	SBE-104-250L	16290	13050	10570	44,6	500	14640	20	D	58	D	5x1600	6x1600	1x1600
	SBE-106-250L	19090	15600	12540	59,5	500	13480	19	D	59	D	6x1600	7x1600	2x1600
	SBE-101-330	3380	2720	2170	10,5	300	4460	8	C	46	C	2x1200	3x1200	1x1200
	SBE-102-330	4150	3380	2710	13,9	300	4300	8	C	46	C	2x1200	3x1200	1x1200
	SBE-104-330	5590	4520	3620	20,9	300	3990	7	B	47	B	3x1200	4x1200	1x1200
	SBE-102-335	7450	5940	4770	21,7	350	8140	12	D	51	D	2x1600	3x1600	1x1600
	SBE-103-335	8740	6870	5510	27,2	350	7800	12	C	51	C	3x1600	4x1600	1x1600
	SBE-104-335	9820	7780	6250	32,6	350	7480	11	C	51	C	3x1600	4x1600	1x1600
	SBE-102-340	9040	7360	5930	25,4	400	10700	14	D	60	D	2x1600	3x1600	1x1600
3x	SBE-103-340	10710	8460	6830	31,7	400	10190	13	C	61	C	3x1600	4x1600	1x1600
	SBE-104-340	12080	9640	7730	38,1	400	9730	13	C	61	C	3x1600	4x1600	1x1600
	SBE-102-345	12050	9500	7680	31,7	450	14580	16	D	62	D	3x1950	4x1600	1x1600
	SBE-104-345	15930	12830	10270	47,6	450	13520	15	D	60	D	4x1950	5x1950	1x1950
	SBE-106-345	19170	15430	12480	63,4	450	12660	14	C	61	C	4x1950	5x1950	2x1950
	SBE-104-350	21010	16770	13560	54,4	500	19800	19	D	61	D	5x1950	6x1950	1x1950
	SBE-104-350L	24520	19440	15750	66,9	500	21960	22	D	60	D	5x2400	6x2400	1x2400
	SBE-106-350L	29170	23320	18900	89,2	500	20220	20	D	61	D	6x2400	7x2400	2x2400
	SBE-102-440	12340	9730	7880	33,8	400	14270	15	D	61	D	2x2090	3x2090	1x2090
	SBE-104-440	16010	12980	10390	50,7	400	12970	14	C	62	C	3x2090	4x2090	1x2090
	SBE-104-445	20190	16240	13180	58,6	450	17500	15	D	61	D	4x2400	5x2400	1x2400
4x	SBE-106-445	24290	18710	15010	78,1	450	16230	14	C	62	C	4x2400	5x2400	2x2400
	SBE-104-450	26320	20780	16790	66,9	500	25240	20	E	62	E	5x2400	6x2400	1x2400
	SBE-104-450L	32750	24530	21290	89,2	500	29280	23	D	61	D	5x3200	6x3200	1x3200
	SBE-106-450L	38810	29590	23420	119,0	500	26960	21	D	62	D	6x3200	7x3200	2x3200

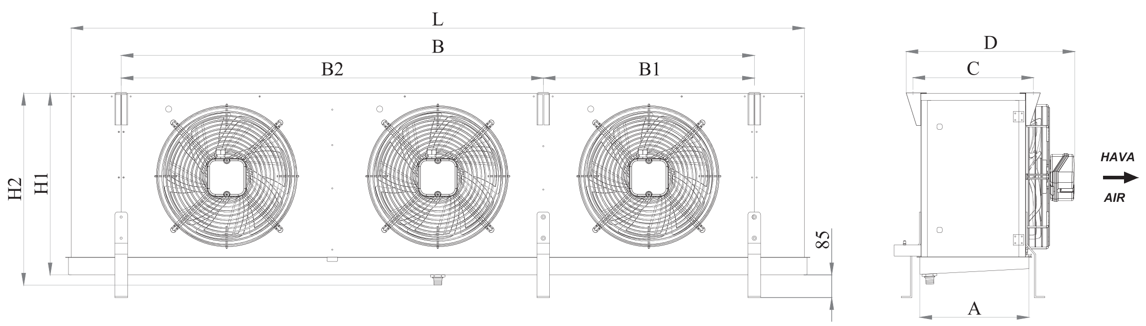
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

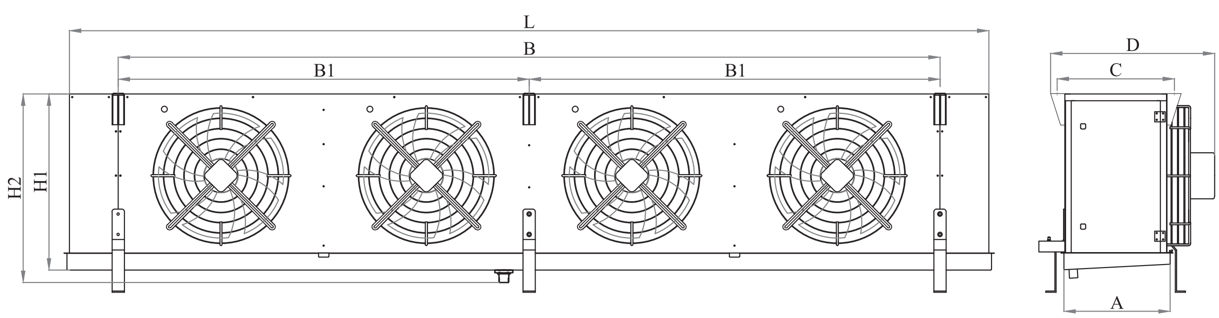
MODEL	Boru Hacmi Tube Volume	Ağırlık Weight	Ölçüler Dimensions									Bağlantılar Connections		
			L	H1	H2	D	A	B	B1	B2	C	Soğutucu Gaz Refrigerant Giriş Inlet	Soğutucu Gaz Refrigerant Çıkış Outlet	Drenaj Drain Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBE-101-130	1,5	16	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4" G
SBE-102-130	2,0	17	740	450	490	488	351	400	-	-	377	12,7	12,7	3/4" G
SBE-104-130	3,0	20	740	450	490	488	351	400	-	-	377	12,7	15,9	3/4" G
SBE-102-135	3,1	23	860	530	570	534	391	520	-	-	417	12,7	15,9	3/4" G
SBE-103-135	3,9	25	860	530	570	534	391	520	-	-	417	12,7	19	3/4" G
SBE-104-135	4,7	27	860	530	570	534	391	520	-	-	417	12,7	19	3/4" G
SBE-102-140	3,6	29	860	605	640	554	395	520	-	-	417	12,7	19	3/4" G
SBE-103-140	4,4	31	860	605	640	554	395	520	-	-	417	12,7	19	3/4" G
SBE-104-140	5,4	34	860	605	640	554	395	520	-	-	417	12,7	22	3/4" G
SBE-102-145	4,5	34	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-103-145	5,3	36	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-104-145	6,8	39	1070	610	645	574	435	650	-	-	457	12,7	22	3/4" G
SBE-102-150	4,9	40	1070	690	735	578	435	650	-	-	457	12,7	22	1" G
SBE-104-150	7,8	45	1070	690	735	578	435	650	-	-	457	12,7	28	1" G
SBE-102-150L	6,0	45	1220	690	735	578	435	800	-	-	457	12,7	28	1" G
SBE-104-150L	9,6	51	1220	690	735	578	435	800	-	-	457	15,9	28	1" G
SBE-106-150L	12,0	61	1220	690	735	638	495	800	-	-	517	15,9	35	1" G
SBE-101-230	2,8	24	1140	450	490	488	351	800	-	-	377	12,7	15,9	3/4" G
SBE-102-230	4,0	26	1140	450	490	488	351	800	-	-	377	12,7	19	3/4" G
SBE-104-230	6,0	30	1140	450	490	488	351	800	-	-	377	12,7	19	3/4" G
SBE-102-235	6,2	36	1380	530	570	534	391	1040	-	-	417	12,7	22	3/4" G
SBE-103-235	7,8	40	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4" G
SBE-104-235	9,3	43	1380	530	570	534	391	1040	-	-	417	12,7	28	3/4" G
SBE-102-240	7,0	44	1380	605	640	554	395	1040	-	-	417	12,7	28	3/4" G
SBE-103-240	9,1	48	1380	605	640	554	395	1040	-	-	417	12,7	28	3/4" G
SBE-104-240	10,4	52	1380	605	640	554	395	1040	-	-	417	15,9	28	3/4" G
SBE-102-245	9,1	54	1720	610	645	574	435	1300	-	-	457	15,9	28	1" G
SBE-103-245	11,3	59	1720	610	645	574	435	1300	-	-	457	15,9	35	1" G
SBE-104-245	13,6	64	1720	610	645	574	435	1300	-	-	457	15,9	35	1" G
SBE-106-245	18,2	76	1720	610	645	634	495	1300	-	-	517	15,9	35	1" G
SBE-104-250	15,6	74	1720	690	735	578	435	1300	-	-	457	22	35	1" G
SBE-104-250L	19,2	85	2020	690	735	578	435	1600	-	-	457	22	42	1" G
SBE-106-250L	25,5	102	2020	690	735	638	495	1600	-	-	517	22	42	1" G
SBE-101-330	4,2	32	1540	450	490	488	351	1200	400	800	377	12,7	19	3/4" G
SBE-102-330	5,4	34	1540	450	490	488	351	1200	400	800	377	12,7	22	3/4" G
SBE-104-330	9,0	41	1540	450	490	488	351	1200	400	800	377	12,7	28	3/4" G
SBE-102-335	9,3	50	1900	530	570	534	391	1560	520	1040	417	15,9	28	3/4" G
SBE-103-335	11,7	54	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4" G
SBE-104-335	14,0	59	1900	530	570	534	391	1560	520	1040	417	15,9	35	3/4" G
SBE-102-340	10,9	60	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-103-340	13,6	66	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-104-340	16,3	71	1900	605	640	554	395	1560	520	1040	417	15,9	35	1" G
SBE-102-345	13,6	75	2370	610	645	574	435	1950	650	1300	457	15,9	35	1" G
SBE-104-345	19,5	88	2370	610	645	574	435	1950	650	1300	457	22	42	1" G
SBE-106-345	26,7	110	2370	610	645	634	495	1950	650	1300	517	22	42	1" G
SBE-104-350	23,3	102	2820	690	735	578	435	2400	800	1600	457	22	42	1 1/4" G
SBE-104-350L	28,7	120	2820	690	735	578	435	2400	800	1600	457	22	54	1 1/4" G
SBE-106-350L	38,3	158	2820	690	735	638	495	2400	800	1600	517	28	54	1 1/4" G
SBE-102-440	14,5	76	2420	605	640	554	395	2080	1040	1040	417	15,9	35	1" G
SBE-104-440	20,7	90	2420	605	640	554	395	2080	1040	1040	417	22	42	1" G
SBE-104-445	23,9	107	2820	610	645	574	435	2400	1200	1200	457	22	42	1" G
SBE-106-445	33,5	132	2820	610	645	574	435	2400	1200	1200	457	22	54	1" G
SBE-104-450	28,7	123	2820	610	645	574	435	2400	1200	1200	457	28	54	1 1/4" G
SBE-104-450L	37,7	170	3620	610	645	574	435	3200	1600	1600	457	28	54	1 1/4" G
SBE-106-450L	50,3	205	3620	610	645	634	495	3200	1600	1600	517	28	54	1 1/4" G

Teknik Çizim / Technical Drawing









Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2",
• Fin malzemesi alüminyumdur,
• Lamel arası 4 - 6 - 8 - 10 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak SC1 - SC2 - SC3 - SC4 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir (ΔT = Tr - Te).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

Evaporator Coil
• Copper tubes Ø1/2",
• Fins made of aluminium,
• Fin spacing is 4 - 6 -8 - 10 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=24 Bar.

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, Single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

Defrosting
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrost without tubing inside of coil and drip try, without non-return valve,
•Water defrost

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to SC1 - SC2 - SC3 - SC4 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater

7,5 - 101 kW

SBH Series Industrial Unit Cooler

SBH Serisi Endüstriyel Oda Soğutucu

SBH Series

SARBUZ SBH Serisi Endüstriyel Oda Soğutucuları, orta ve büyük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBH Series Industrial Unit Coolers are designed for middle and high capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SBH-84-380-AD

Endüstriyel Oda Soğutucu
Industrial Unit Cooler — **SBH-**

Hatve
Fin Spacing — **8**

Batarya Kodu
Coil Code — **4-**

Fan 3 ad. x Ø 800mm.
Fans 3 pcs. x Ø 800mm. — **380-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Sıcak gaz defrost
Hot gas defrost — **GD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

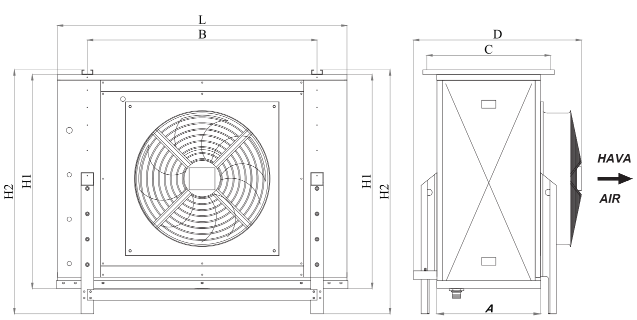
Su ile defrost
Water defrost — **WD**

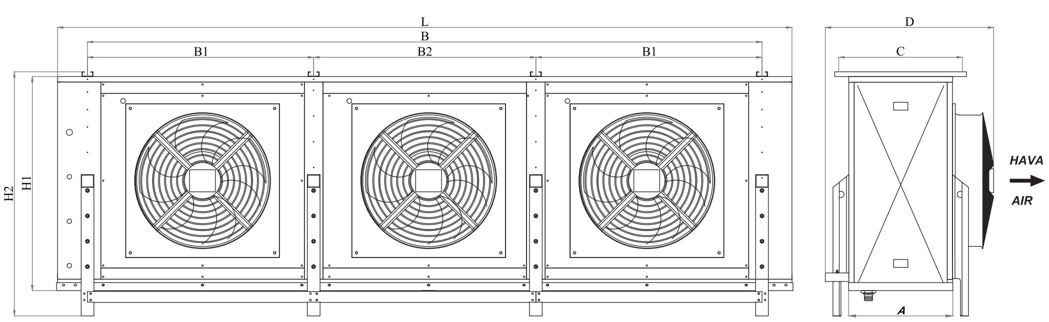
SBH Serisi Endüstriyel Oda Soğutucu / SBH Series Industrial Unit Cooler
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost		
		SC1 To= 10°C Te= 0°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m		HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		kW	kW	m²	mm	m³/h	m	kW	db(A)		Watt	Watt	Watt
1x	SBH-41-163	17,0	11,4	47,8	630	9650	23	0,52	38	D	3x1040	-	-
1x	SBH-42-163	20,4	13,7	63,9	630	9130	21	0,53	39	C	4x1040	-	-
1x	SBH-44-163	24,8	16,8	95,8	630	8390	20	0,56	39	C	5x1040	-	-
1x	SBH-41-180	34,8	23,3	89,0	800	21890	38	1,60	48	E	5x1400	-	-
1x	SBH-42-180	42,5	28,6	118,7	800	21140	37	1,68	49	D	7x1400	-	-
1x	SBH-44-180	54,1	36,5	178,8	800	19870	34	1,73	49	D	9x1400	-	-
2x	SBH-41-263	34,4	23,0	95,8	630	19290	24	1,04	41	D	3x2090	-	-
2x	SBH-42-263	41,2	27,7	127,7	630	18260	23	1,06	42	C	4x2090	-	-
2x	SBH-44-263	49,3	33,3	191,2	630	16770	21	1,12	42	C	5x2090	-	-
2x	SBH-41-280	71,0	46,9	178,8	800	43790	40	3,20	51	E	5x2820	-	-
2x	SBH-42-280	85,9	57,4	238,1	800	42290	39	3,36	52	D	7x2820	-	-
2x	SBH-44-280	108,7	73,5	357,6	800	39740	37	3,46	52	D	9x2820	-	-
3x	SBH-41-363	51,4	34,2	143,7	630	28940	26	1,56	43	D	3x3020	-	-
3x	SBH-42-363	61,5	41,3	191,6	630	27390	24	1,59	44	C	4x3020	-	-
3x	SBH-44-363	75,2	51,1	287,3	630	25160	22	1,68	44	C	5x3020	-	-
3x	SBH-41-380	106,2	70,5	268,2	800	65680	43	4,80	53	E	5x3400	-	-
3x	SBH-42-380	129,6	86,7	357,6	800	63430	42	5,04	54	D	7x3400	-	-
3x	SBH-44-380	153,2	101,0	536,4	800	59600	39	5,19	54	D	9x3400	-	-
4x	SBH-41-463	69,2	46,3	191,6	630	38580	28	2,08	44	D	3x3240	-	-
4x	SBH-42-463	82,6	55,7	255,4	630	36520	26	2,12	45	C	4x3240	-	-
4x	SBH-44-463	97,1	64,9	383,1	630	33540	24	2,24	45	C	5x3240	-	-

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

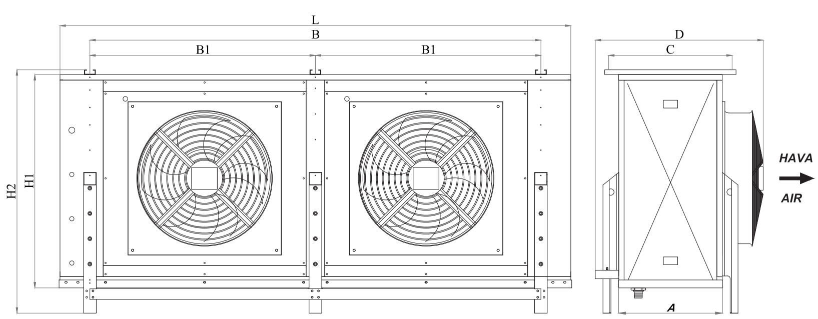


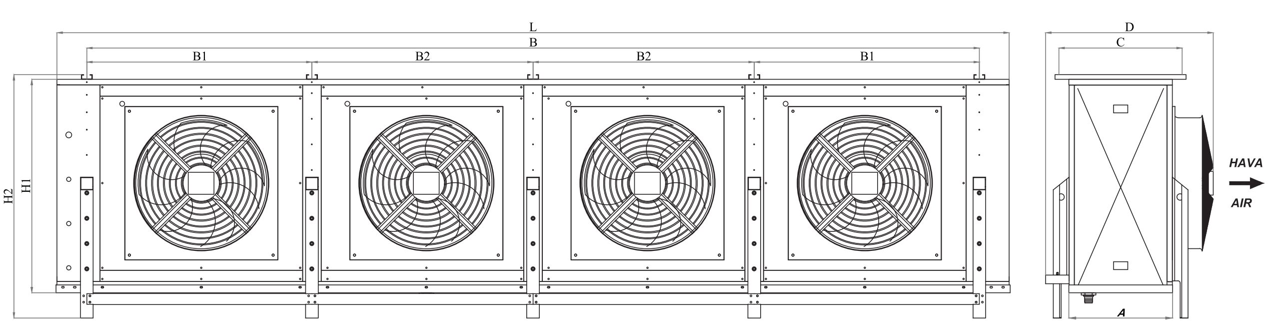


Ölçüler/Measures

SBH

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBH-41-163	8,7	131	1480	1025	1225	780	410	1050	-	-	535	15,9	28	2" G
SBH-42-163	12,0	140	1480	1025	1225	780	410	1050	-	-	535	15,9	35	2" G
SBH-44-163	18,0	163	1480	1025	1225	840	470	1050	-	-	575	22	35	2" G
SBH-41-180	15,7	231	1880	1345	1545	895	470	1450	-	-	575	22	42	2" G
SBH-42-180	20,9	248	1880	1345	1545	895	470	1450	-	-	575	22	42	2" G
SBH-44-180	33,5	289	1880	1345	1545	955	530	1450	-	-	645	28	54	2" G
SBH-41-263	18,0	196	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2" G
SBH-42-263	23,9	244	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2" G
SBH-44-263	34,9	287	2480	1025	1225	840	470	2050	1025	1000	575	28	54	2" G
SBH-41-280	33,5	414	3280	1345	1545	895	470	2850	1425	1400	575	28	54	2" G
SBH-42-280	44,0	448	3280	1345	1545	895	470	2850	1425	1400	575	28	54	2" G
SBH-44-280	67,0	526	3280	1345	1545	955	530	2850	1425	1400	645	35	66	2" G
SBH-41-363	26,9	321	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2" G
SBH-42-363	35,9	348	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2" G
SBH-44-363	53,9	412	3480	1025	1225	840	470	3050	1025	1000	575	28	54	2" G
SBH-41-380	50,3	597	4680	1345	1545	895	470	4250	1425	1400	575	35	66	2x2" G
SBH-42-380	67,0	648	4680	1345	1545	895	470	4250	1425	1400	575	42	80	2x2" G
SBH-44-380	100,5	763	4680	1345	1545	955	530	4250	1425	1400	645	2x35	2x66	2x2" G
SBH-41-463	35,9	415	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2" G
SBH-42-463	47,9	452	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2" G
SBH-44-463	71,8	536	4480	1025	1225	840	470	4050	1025	1000	575	35	66	2x2" G



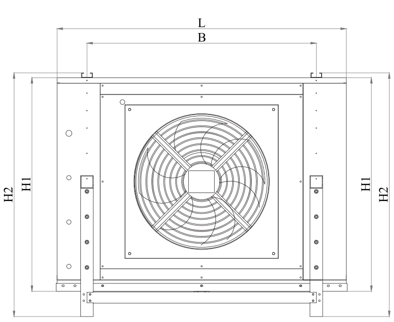


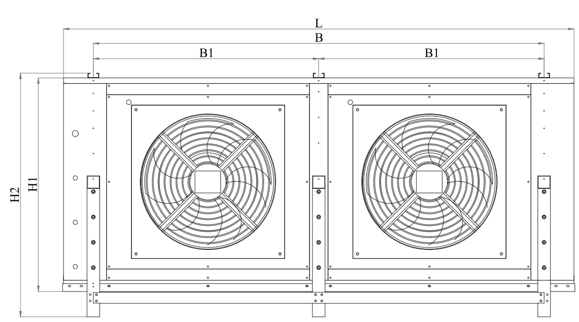
SBH Serisi Endüstriyel Oda Soğutucu / SBH Series Industrial Unit Cooler
Kapasite / Capacity

Lamel Aralığı / Fin Spacing 6,0 mm

	MODEL	Kapasite Capacity SC1 To= 10°C Te= 0°C ΔT=10K	SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
	SBH-61-163	14,1	9,4	7,5	32,9	630	9950	23	0,52	38	D	3x1040	4x1040	2x1040
	SBH-61-163H	17,9	12,2	9,6	32,9	630	17570	35	1,75	47	E	4x1040	5x1040	2x1040
	SBH-62-163	17,3	11,6	9,3	43,9	630	9520	22	0,53	39	C	4x1040	5x1040	2x1040
	SBH-62-163H	22,7	15,3	12,0	43,9	630	16840	34	1,80	47	E	5x1040	6x1040	2x1040
1x	SBH-64-163	21,9	14,8	12,1	65,9	630	8790	21	0,55	39	C	5x1040	6x1040	2x1040
	SBH-64-163H	30,2	20,3	16,1	65,9	630	15530	32	1,89	47	E	7x1040	8x1040	2x1040
	SBH-61-180	29,0	19,3	15,3	61,5	800	22380	39	1,56	48	E	5x1400	6x1400	2x1400
	SBH-62-180	35,4	23,7	19,2	81,5	800	21720	38	1,59	49	D	7x1400	8x1400	2x1400
	SBH-64-180	47,0	31,7	25,6	122,9	800	20580	36	1,71	49	D	9x1400	10x1400	2x1400
	SBH-61-263	28,4	19,1	15,1	65,9	630	19900	25	1,04	38	D	3x2090	4x2090	2x2090
	SBH-61-263H	36,6	24,5	19,2	65,9	630	35130	37	3,49	47	E	4x2090	5x2090	2x2090
	SBH-62-263	34,1	22,7	18,7	87,3	630	19040	24	1,06	39	C	4x2090	5x2090	2x2090
	SBH-62-263H	46,3	30,8	24,2	87,3	630	33690	36	3,60	47	E	5x2090	6x2090	2x2090
2x	SBH-64-263	43,7	29,5	24,3	131,4	630	17570	22	1,10	39	C	5x2090	6x2090	2x2090
	SBH-64-263H	60,9	40,9	32,5	131,4	630	31070	34	3,78	47	E	7x2090	8x2090	2x2090
	SBH-61-280	58,2	38,9	30,9	122,9	800	44770	41	3,12	48	E	5x2820	6x2820	2x2820
	SBH-62-280	72,0	48,3	38,7	163,7	800	43430	40	3,18	49	D	7x2820	8x2820	2x2820
	SBH-64-280	92,6	61,8	48,8	245,9	800	41170	38	3,42	49	D	9x2820	10x2820	2x2820
	SBH-61-363	42,7	28,5	22,8	98,8	630	29850	27	1,56	38	D	3x3020	4x3020	2x3020
	SBH-61-363H	55,0	36,8	29,9	98,8	630	52700	39	5,24	47	E	4x3020	5x3020	2x3020
	SBH-62-363	52,3	35,1	28,2	131,7	630	28570	25	1,59	39	C	4x3020	5x3020	2x3020
	SBH-62-363H	69,2	45,8	36,5	131,7	630	50530	38	5,40	47	E	5x3020	6x3020	2x3020
3x	SBH-64-363	65,0	43,5	34,5	197,6	630	26360	24	1,65	39	C	5x3020	6x3020	2x3020
	SBH-64-363H	91,2	61,0	48,9	197,6	630	46600	36	5,67	47	E	7x3020	8x3020	2x3020
	SBH-61-380	87,5	58,5	43,3	184,8	800	67150	44	4,68	48	E	5x3400	6x3400	2x3400
	SBH-62-380	108,6	72,9	54,7	245,9	800	65150	43	4,77	49	D	7x3400	8x3400	2x3400
	SBH-64-380	136,5	90,4	61,2	368,8	800	61750	40	5,13	49	D	9x3400	10x3400	2x3400
	SBH-61-463	57,0	38,3	29,2	131,7	630	39810	29	2,08	38	D	3x3240	4x3240	2x3240
	SBH-61-463H	81,9	54,2	42,9	131,7	630	70260	41	6,98	47	E	4x3240	5x3240	2x3240
4x	SBH-62-463	69,7	47,1	36,3	175,6	630	38090	27	2,12	39	C	4x3240	5x3240	2x3240
	SBH-62-463H	101,0	67,2	53,4	175,6	630	64350	40	7,20	47	E	5x3240	6x3240	2x3240
	SBH-64-463	85,1	58,2	41,3	263,5	630	35220	25	2,20	39	C	5x3240	6x3240	2x3240
	SBH-64-463H	126,8	97,0	69,8	263,5	630	58800	38	7,56	47	E	7x3240	8x3240	2x3240

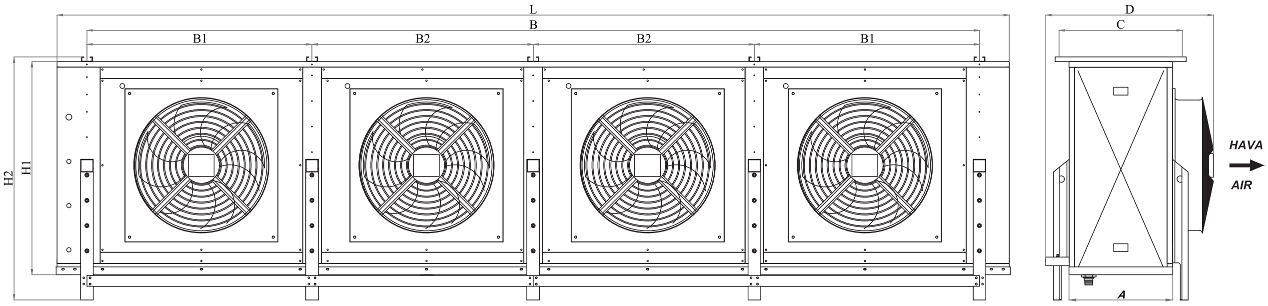
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.
- Yukarıda belirtilen Ø630 fanlı H ile biten modellerin kapasiteleri fan devri 1400 rpm emici fana göre hesaplanmıştır.
- The capacities of models with Ø630 fan ending with H mentioned above are calculated according to the fan speed of 1400 rpm suction fan.





Ölçüler / Measures

MODEL	Ölçüler Dimensions										Bağlantılar Connections		
											Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBH-61-163	9,0	131	1480	1025	1225	780	410	1050	-	-	535	15,9	28	2″G
SBH-61-163H	9,0	141	1480	1025	1225	780	410	1050	-	-	535	15,9	28	2″G
SBH-62-163	12,0	140	1480	1025	1225	780	410	1050	-	-	535	15,9	35	2″G
SBH-62-163H	12,0	150	1480	1025	1225	780	410	1050	-	-	535	15,9	35	2″G
SBH-64-163	18,0	162	1480	1025	1225	840	470	1050	-	-	575	15,9	35	2″G
SBH-64-163H	18,0	172	1480	1025	1225	840	470	1050	-	-	575	15,9	35	2″G
SBH-61-180	16,8	233	1880	1345	1545	895	470	1450	-	-	575	22	42	2″G
SBH-62-180	20,9	251	1880	1345	1545	895	470	1450	-	-	575	22	42	2″G
SBH-64-180	33,5	291	1880	1345	1545	955	530	1450	-	-	645	28	54	2″G
SBH-61-263	18,0	196	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-61-263H	18,0	216	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-62-263	22,4	244	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-62-263H	22,4	264	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-64-263	34,9	286	2480	1025	1225	840	470	2050	1025	1000	575	28	54	2″G
SBH-64-263H	34,9	306	2480	1025	1225	840	470	2050	1025	1000	575	28	54	2″G
SBH-61-280	33,5	418	3280	1345	1545	895	470	2850	1425	1400	575	28	54	2″G
SBH-62-280	44,0	454	3280	1345	1545	895	470	2850	1425	1400	575	28	54	2″G
SBH-64-280	67,0	530	3280	1345	1545	955	530	2850	1425	1400	645	35	66	2″G
SBH-61-363	26,9	321	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-61-363H	26,9	351	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-62-363	35,9	349	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-62-363H	35,9	379	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-64-363	53,9	410	3480	1025	1225	840	470	3050	1025	1000	575	28	54	2″G
SBH-64-363H	53,9	430	3480	1025	1225	840	470	3050	1025	1000	575	35	66	2″G
SBH-61-380	50,3	603	4680	1345	1545	895	470	4250	1425	1400	575	35	66	2x2″G
SBH-62-380	67,0	657	4680	1345	1545	895	470	4250	1425	1400	575	42	80	2x2″G
SBH-64-380	100,5	769	4680	1345	1545	955	530	4250	1425	1400	645	2x35	2x66	2x2″G
SBH-61-463	35,9	416	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-61-463H	35,9	456	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-62-463	47,9	453	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-62-463H	47,9	493	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-64-463	71,8	534	4480	1025	1225	840	470	4050	1025	1000	575	35	66	2x2″G
SBH-64-463H	71,8	574	4480	1025	1225	840	470	4050	1025	1000	575	35	66	2x2″G



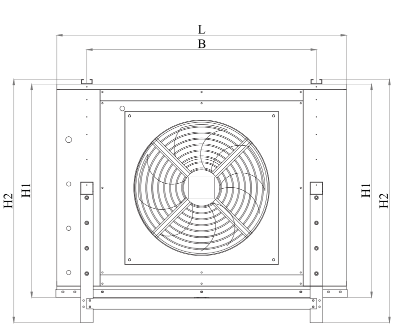
SBH Serisi Endüstriyel Oda Soğutucu / SBH Series Industrial Unit Cooler

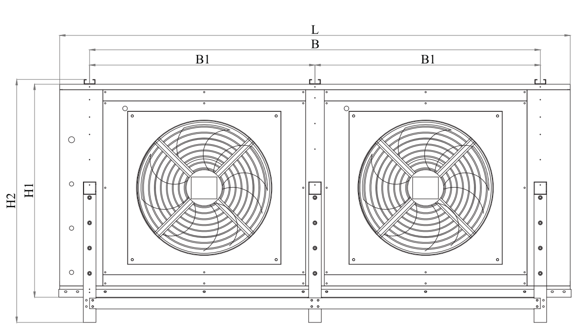
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **8,0 mm**

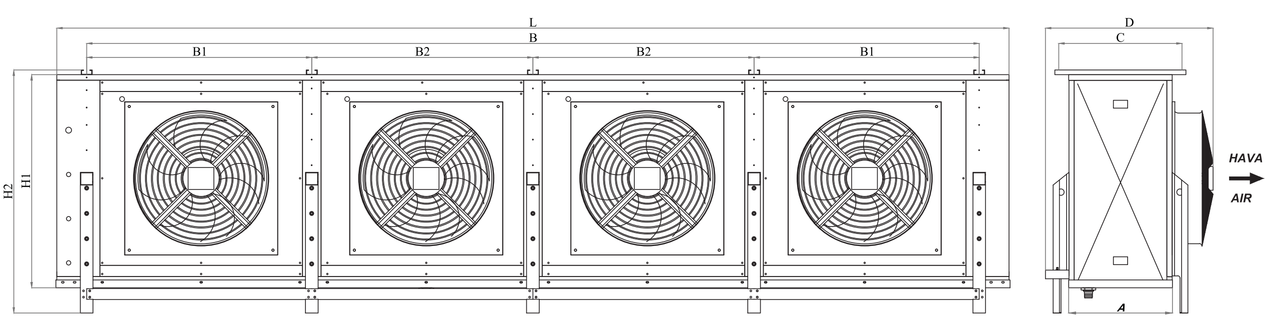
	MODEL	Kapasite Capacity SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	SC4 To= -25°C Te= -31°C ΔT=6K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
1x	SBH-81-163	8,1	6,5	5,2	25,5	630	10130	24	0,51	38	D	3x1040	4x1040	2x1040
1x	SBH-81-163H	10,4	8,1	6,4	25,5	630	17890	35	1,73	47	E	4x1040	5x1040	2x1040
1x	SBH-82-163	10,2	8,1	6,5	33,9	630	9760	23	0,52	39	C	4x1040	5x1040	2x1040
1x	SBH-82-163H	13,2	10,5	8,5	33,9	630	17240	35	1,78	47	E	5x1040	6x1040	2x1040
1x	SBH-84-163	12,9	10,6	8,5	50,9	630	9050	21	0,54	39	C	5x1040	6x1040	2x1040
1x	SBH-84-163H	18,0	14,3	11,6	50,9	630	16040	33	1,87	47	E	7x1040	8x1040	2x1040
1x	SBH-81-180	16,6	13,2	10,7	47,5	800	22680	39	1,52	48	E	5x1400	6x1400	2x1400
1x	SBH-82-180	20,7	16,7	13,5	63,2	800	22070	38	1,58	49	D	7x1400	8x1400	2x1400
1x	SBH-84-180	27,5	22,5	18,0	95,0	800	21020	36	1,70	49	D	9x1400	10x1400	2x1400
2x	SBH-81-263	16,4	13,1	10,6	50,9	630	20270	25	1,02	38	D	3x2090	4x2090	2x2090
2x	SBH-81-263H	21,3	16,7	12,9	50,9	630	35780	37	3,45	47	E	4x2090	5x2090	2x2090
2x	SBH-82-263	20,4	16,3	13,2	67,9	630	19520	24	1,04	39	C	4x2090	5x2090	2x2090
2x	SBH-82-263H	26,9	21,2	17,2	67,9	630	34480	37	3,56	47	E	5x2090	6x2090	2x2090
2x	SBH-84-263	26,2	21,2	17,2	101,8	630	18110	23	1,08	39	C	5x2090	6x2090	2x2090
2x	SBH-84-263H	36,3	28,8	23,5	101,8	630	32090	35	3,74	47	E	7x2090	8x2090	2x2090
2x	SBH-81-280	33,5	26,6	21,6	95,0	800	45360	42	3,04	48	E	5x2820	6x2820	2x2820
2x	SBH-82-280	42,0	33,5	27,2	126,4	800	44150	41	3,16	49	D	7x2820	8x2820	2x2820
2x	SBH-84-280	55,5	43,9	35,4	190,0	800	42050	39	3,40	49	D	9x2820	10x2820	2x2820
3x	SBH-81-363	24,7	19,6	16,0	76,4	630	30400	27	1,53	38	D	3x3020	4x3020	2x3020
3x	SBH-81-363H	31,5	26,2	20,2	76,4	630	53670	39	5,18	47	E	4x3020	5x3020	2x3020
3x	SBH-82-363	30,7	24,6	19,9	101,8	630	29280	26	1,56	39	C	4x3020	5x3020	2x3020
3x	SBH-82-363H	40,3	31,9	25,8	101,8	630	51720	39	5,34	47	E	5x3020	6x3020	2x3020
3x	SBH-84-363	39,4	31,3	25,2	152,7	630	27160	24	1,62	39	C	5x3020	6x3020	2x3020
3x	SBH-84-363H	54,4	43,4	35,3	152,7	630	48130	37	5,61	47	E	7x3020	8x3020	2x3020
3x	SBH-81-380	55,4	43,9	35,2	138,8	800	66510	44	4,56	48	D	5x3400	6x3400	2x3400
3x	SBH-82-380	68,8	55,0	44,1	184,6	800	64430	42	4,74	49	D	7x3400	8x3400	2x3400
3x	SBH-84-380	88,6	70,2	55,7	277,6	800	60820	40	5,10	49	D	9x3400	10x3400	2x3400
4x	SBH-81-463	36,0	28,2	22,6	99,2	630	39310	28	2,04	38	D	3x3240	4x3240	2x3240
4x	SBH-81-463H	47,4	37,4	30,1	99,2	630	69380	41	6,90	47	E	4x3240	5x3240	2x3240
4x	SBH-82-463	43,4	33,7	27,8	132,2	630	37440	27	2,08	39	C	4x3240	5x3240	2x3240
4x	SBH-82-463H	59,4	47,0	37,9	132,2	630	66220	41	7,12	47	E	5x3240	6x3240	2x3240
4x	SBH-84-463	55,9	44,6	35,8	198,3	630	34420	25	2,16	39	C	5x3240	6x3240	2x3240
4x	SBH-84-463H	88,1	62,5	50,2	198,3	630	60770	39	7,48	47	E	7x3240	8x3240	2x3240

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.
- Yukarıda belirtilen Ø630 fanlı H ile biten modellerin kapasiteleri fan devri 1400 rpm emici fana göre hesaplanmıştır.
- The capacities of models with Ø630 fan ending with H mentioned above are calculated according to the fan speed of 1400 rpm suction fan.





MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBH-81-163	9,0	130	1480	1025	1225	780	410	1050	-	-	535	15,9	28	2″G
SBH-81-163H	9,0	140	1480	1025	1225	780	410	1050	-	-	535	15,9	28	2″G
SBH-82-163	12,0	138	1480	1025	1225	780	410	1050	-	-	535	15,9	35	2″G
SBH-82-163H	12,0	148	1480	1025	1225	780	410	1050	-	-	535	15,9	35	2″G
SBH-84-163	18,0	160	1480	1025	1225	840	470	1050	-	-	575	15,9	35	2″G
SBH-84-163H	18,0	170	1480	1025	1225	840	470	1050	-	-	575	15,9	35	2″G
SBH-81-180	16,8	231	1880	1345	1545	895	470	1450	-	-	575	22	42	2″G
SBH-82-180	22,0	248	1880	1345	1545	895	470	1450	-	-	575	22	42	2″G
SBH-84-180	33,5	286	1880	1345	1545	955	530	1450	-	-	645	28	54	2″G
SBH-81-263	18,0	194	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-81-263H	18,0	214	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-82-263	23,9	241	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-82-263H	23,9	261	2480	1025	1225	780	410	2050	1025	1000	535	22	42	2″G
SBH-84-263	35,9	281	2480	1025	1225	840	470	2050	1025	1000	575	28	54	2″G
SBH-84-263H	35,9	301	2480	1025	1225	840	470	2050	1025	1000	575	28	54	2″G
SBH-81-280	33,5	414	3280	1345	1545	895	470	2850	1425	1400	575	28	54	2″G
SBH-82-280	44,0	447	3280	1345	1545	895	470	2850	1425	1400	575	28	54	2″G
SBH-84-280	67,0	519	3280	1345	1545	955	530	2850	1425	1400	645	35	66	2″G
SBH-81-363	26,9	318	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-81-363H	26,9	348	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-82-363	35,9	344	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-82-363H	35,9	374	3480	1025	1225	780	410	3050	1025	1000	535	28	54	2″G
SBH-84-363	53,9	402	3480	1025	1225	840	470	3050	1025	1000	575	28	54	2″G
SBH-84-363H	53,9	432	3480	1025	1225	840	470	3050	1025	1000	575	35	66	2″G
SBH-81-380	79,6	628	4680	1345	1545	895	470	4250	1425	1400	575	35	66	2x2″G
SBH-82-380	104,4	689	4680	1345	1545	895	470	4250	1425	1400	575	42	80	2x2″G
SBH-84-380	159,1	816	4680	1345	1545	955	530	4250	1425	1400	645	2x35	2x66	2x2″G
SBH-81-463	56,8	435	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-81-463H	56,8	475	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-82-463	75,8	477	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-82-463H	75,8	517	4480	1025	1225	780	410	4050	1025	1000	535	28	54	2x2″G
SBH-84-463	113,7	568	4480	1025	1225	840	470	4050	1025	1000	575	35	66	2x2″G
SBH-84-463H	113,7	608	4480	1025	1225	840	470	4050	1025	1000	575	35	66	2x2″G



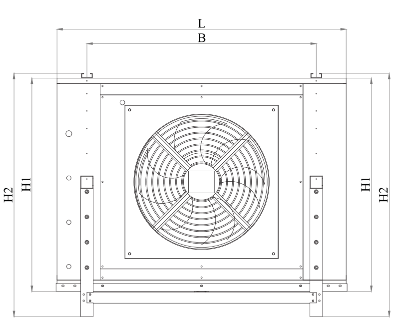
SBH Serisi Endüstriyel Oda Soğutucu / SBH Series Industrial Unit Cooler

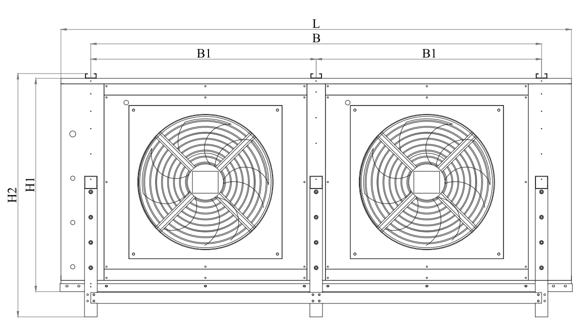
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **10,0 mm**

	MODEL	Kapasite Capacity SC2 To= 0°C Te= -8°C ΔT=8K	SC3 To= -18°C Te= -25°C ΔT=7K	SC4 To= -25°C Te= -31°C ΔT=6K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	Watt	m²	mm	m³/h	m	Watt	db(A)		Watt	Watt	Watt
	SBH-101-163	7,5	6,2	5,0	40,9	630	10250	24	0,51	38	D	3x1040	4x1040	2x1040
	SBH-101-163H	9,4	7,6	6,2	40,9	630	18120	36	1,72	47	E	4x1040	5x1040	2x1040
	SBH-102-163	9,6	7,9	6,4	54,6	630	9920	23	0,52	39	C	4x1040	5x1040	2x1040
	SBH-102-163H	12,2	9,9	8,1	54,6	630	17500	35	1,78	47	E	5x1040	6x1040	2x1040
1x	SBH-104-163	12,6	10,4	8,6	81,8	630	9260	22	0,54	39	B	5x1040	6x1040	2x1040
	SBH-104-163H	17,0	13,8	11,3	81,8	630	16400	33	1,87	47	E	7x1040	8x1040	2x1040
	SBH-101-180	15,2	12,4	10,2	76,4	800	22880	40	1,52	48	E	5x1400	6x1400	2x1400
	SBH-102-180	19,0	16,0	13,0	101,8	800	22340	39	1,58	49	D	7x1400	8x1400	2x1400
	SBH-104-180	26,4	21,8	17,9	152,7	800	21330	37	1,70	49	D	9x1400	10x1400	2x1400
	SBH-101-263	14,6	12,0	10,1	81,8	630	20500	26	1,02	38	D	3x2090	4x2090	2x2090
	SBH-101-263H	19,1	15,4	12,6	81,8	630	36240	38	3,44	47	E	4x2090	5x2090	2x2090
	SBH-102-263	18,7	15,4	12,9	109,1	630	19850	25	1,04	39	C	4x2090	5x2090	2x2090
	SBH-102-263H	24,6	19,9	16,3	109,1	630	35010	37	3,55	47	E	5x2090	6x2090	2x2090
2x	SBH-104-263	25,5	21,0	17,4	163,7	630	18530	23	1,08	39	B	5x2090	6x2090	2x2090
	SBH-104-263H	34,3	27,9	22,9	163,7	630	32810	36	3,73	47	E	7x2090	8x2090	2x2090
	SBH-101-280	29,8	24,9	20,4	152,7	800	45770	42	3,04	48	E	5x2820	6x2820	2x2820
	SBH-102-280	38,4	32,1	24,8	203,7	800	44670	41	3,16	49	D	7x2820	8x2820	2x2820
	SBH-104-280	53,2	42,9	34,8	305,5	800	42670	39	3,40	49	D	9x2820	10x2820	2x2820
	SBH-101-363	22,7	18,6	15,2	122,7	630	30740	27	1,53	38	D	3x3020	4x3020	2x3020
	SBH-101-363H	28,5	23,1	18,9	122,7	630	54360	40	5,17	47	E	4x3020	5x3020	2x3020
	SBH-102-363	28,2	23,8	19,4	163,7	630	29770	27	1,56	39	C	4x3020	5x3020	2x3020
	SBH-102-363H	36,9	29,9	24,5	163,7	630	52510	40	5,33	47	E	5x3020	6x3020	2x3020
3x	SBH-104-363	38,3	31,0	25,2	245,5	630	27790	25	1,62	39	B	5x3020	6x3020	2x3020
	SBH-104-363H	51,4	41,9	34,5	245,5	630	49210	38	5,60	47	E	7x3020	8x3020	2x3020
	SBH-101-380	51,2	41,7	33,8	227,0	800	67080	44	4,56	48	D	5x3400	6x3400	2x3400
	SBH-102-380	65,1	53,2	43,2	302,2	800	65080	43	4,74	49	D	7x3400	8x3400	2x3400
	SBH-104-380	86,1	69,3	55,5	454,0	800	61610	40	5,10	49	C	9x3400	10x3400	2x3400
	SBH-101-463	32,9	27,1	22,1	162,1	630	39770	29	2,04	38	D	3x3240	4x3240	2x3240
	SBH-101-463H	43,1	34,9	28,5	162,1	630	70160	41	6,89	47	E	4x3240	5x3240	2x3240
4x	SBH-102-463	41,5	33,4	27,7	216,2	630	37970	27	2,08	39	C	4x3240	5x3240	2x3240
	SBH-102-463H	55,1	44,8	36,5	216,2	630	67200	42	7,10	47	E	5x3240	6x3240	2x3240
	SBH-104-463	55,0	44,8	36,2	324,3	630	35030	25	2,16	39	B	5x3240	6x3240	2x3240
	SBH-104-463H	75,3	61,4	49,9	324,3	630	61960	39	7,47	47	E	7x3240	8x3240	2x3240

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.
- Yukarıda belirtilen Ø630 fanlı H ile biten modellerin kapasiteleri fan devri 1400 rpm emici fana göre hesaplanmıştır.
- The capacities of models with Ø630 fan ending with H mentioned above are calculated according to the fan speed of 1400 rpm suction fan.

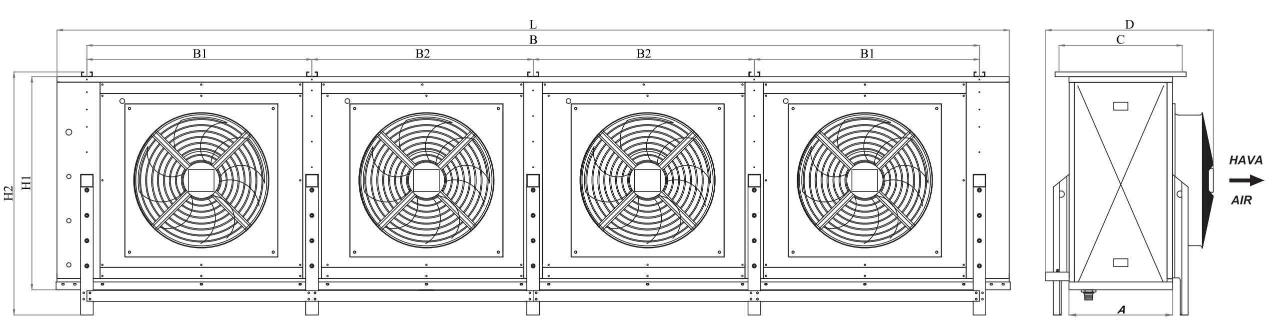




Ölçüler / Measures

SBH

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBH-101-163	9,0	145	1480	1025	1225	920	550	1050	-	-	675	15,9	28	2" G
SBH-101-163H	9,0	155	1480	1025	1225	920	550	1050	-	-	675	15,9	28	2" G
SBH-102-163	12,0	155	1480	1025	1225	920	550	1050	-	-	675	15,9	35	2" G
SBH-102-163H	12,0	165	1480	1025	1225	920	550	1050	-	-	675	15,9	35	2" G
SBH-104-163	18,0	183	1480	1025	1225	1020	650	1050	-	-	755	15,9	35	2" G
SBH-104-163H	18,0	193	1480	1025	1225	1020	650	1050	-	-	755	15,9	35	2" G
SBH-101-180	16,8	256	1880	1345	1545	1075	650	1450	-	-	755	22	42	2" G
SBH-102-180	22,3	274	1880	1345	1545	1075	650	1450	-	-	755	22	42	2" G
SBH-104-180	23,0	323	1880	1345	1545	1175	750	1450	-	-	865	28	54	2" G
SBH-101-263	18,0	215	2480	1025	1225	920	550	2050	1025	1000	675	22	42	2" G
SBH-101-263H	18,0	235	2480	1025	1225	920	550	2050	1025	1000	675	22	42	2" G
SBH-102-263	23,9	267	2480	1025	1225	920	550	2050	1025	1000	675	22	42	2" G
SBH-102-263H	23,9	287	2480	1025	1225	920	550	2050	1025	1000	675	22	42	2" G
SBH-104-263	35,9	319	2480	1025	1225	1020	650	2050	1025	1000	755	28	54	2" G
SBH-104-263H	35,9	339	2480	1025	1225	1020	650	2050	1025	1000	755	28	54	2" G
SBH-101-280	33,5	452	3280	1345	1545	1075	650	2850	1425	1400	755	28	54	2" G
SBH-102-280	44,7	489	3280	1345	1545	1075	650	2850	1425	1400	755	28	54	2" G
SBH-104-280	67,0	579	3280	1345	1545	1175	750	2850	1425	1400	865	35	66	2" G
SBH-101-363	26,9	350	3480	1025	1225	920	550	3050	1025	1000	675	28	54	2" G
SBH-101-363H	26,9	380	3480	1025	1225	920	550	3050	1025	1000	675	28	54	2" G
SBH-102-363	35,9	379	3480	1025	1225	920	550	3050	1025	1000	675	28	54	2" G
SBH-102-363H	35,9	409	3480	1025	1225	920	550	3050	1025	1000	675	28	54	2" G
SBH-104-363	53,9	454	3480	1025	1225	1020	650	3050	1025	1000	755	28	54	2" G
SBH-104-363H	53,9	484	3480	1025	1225	1020	650	3050	1025	1000	755	35	66	2" G
SBH-101-380	79,6	680	4680	1345	1545	1075	650	4250	1425	1400	755	35	66	2x2" G
SBH-102-380	104,4	746	4680	1345	1545	1075	650	4250	1425	1400	755	42	80	2x2" G
SBH-104-380	159,1	900	4680	1345	1545	1175	750	4250	1425	1400	865	2x35	2x66	2x2" G
SBH-101-463	56,8	474	4480	1025	1225	920	550	4050	1025	1000	675	28	54	2x2" G
SBH-101-463H	56,8	514	4480	1025	1225	920	550	4050	1025	1000	675	28	54	2x2" G
SBH-102-463	75,8	522	4480	1025	1225	920	550	4050	1025	1000	675	28	54	2x2" G
SBH-102-463H	75,8	562	4480	1025	1225	920	550	4050	1025	1000	675	28	54	2x2" G
SBH-104-463	113,7	635	4480	1025	1225	1020	650	4050	1025	1000	755	35	66	2x2" G
SBH-104-463H	113,7	675	4480	1025	1225	1020	650	4050	1025	1000	755	35	66	2x2" G



Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2", Ø5/8".
• Fin malzemesi alüminyumdur,
• Lamel arası 4 - 6 - 8 - 10 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP54, Monofaze 230V 1~ 50Hz, Trifaze 400V 3~ 50Hz
• Fan konstrüksiyonu izolasyon malzeme sınıfı F, çalışma sıcaklığı -40°C ile +55/+60°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak SC1 - SC2 - SC3 - SC4 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir (ΔT = Tr - Te).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

Evaporator Coil
• Copper tubes Ø1/2", Ø5/8,
• Fins made of aluminium,
• Fin spacing is 4 - 6 - 8 - 10 mm,
• Header inlet and outlet tube connections made of copper,
• Admissible pressure Ps=24 Bar.

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
• Low-noise axial fans with maintenance free motors,

• Protection class IP54, Single Phase 230V 1~ 50Hz, Three Phase 400V 3~ 50Hz,
• Constructions insulation material class F, admissible temperature -40°C up to +55/+60°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

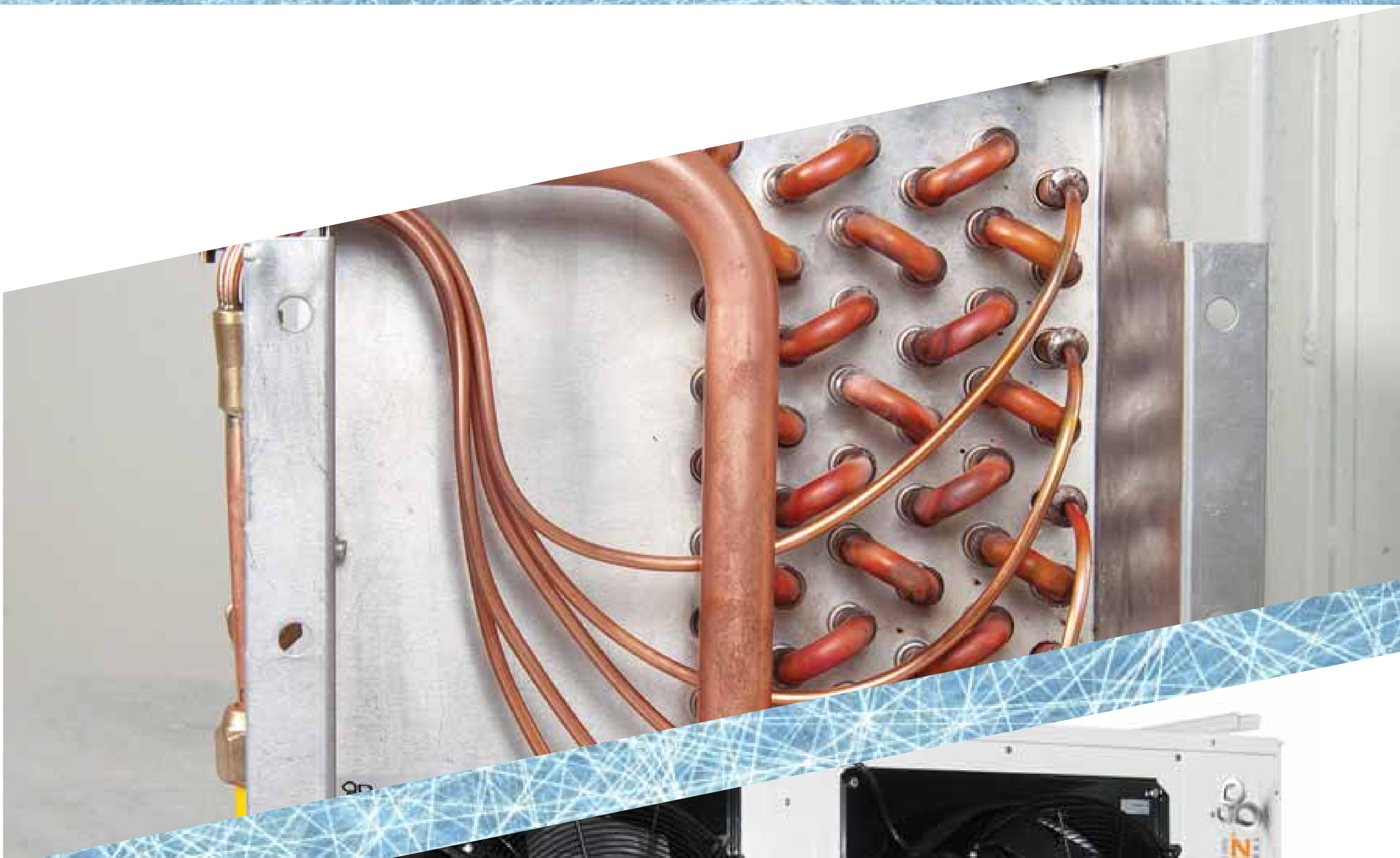
Defrosting
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrosts without tubing inside of coil and drip try, without non-return valve,
•Water defrost

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to SC1 - SC2 - SC3 - SC4 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

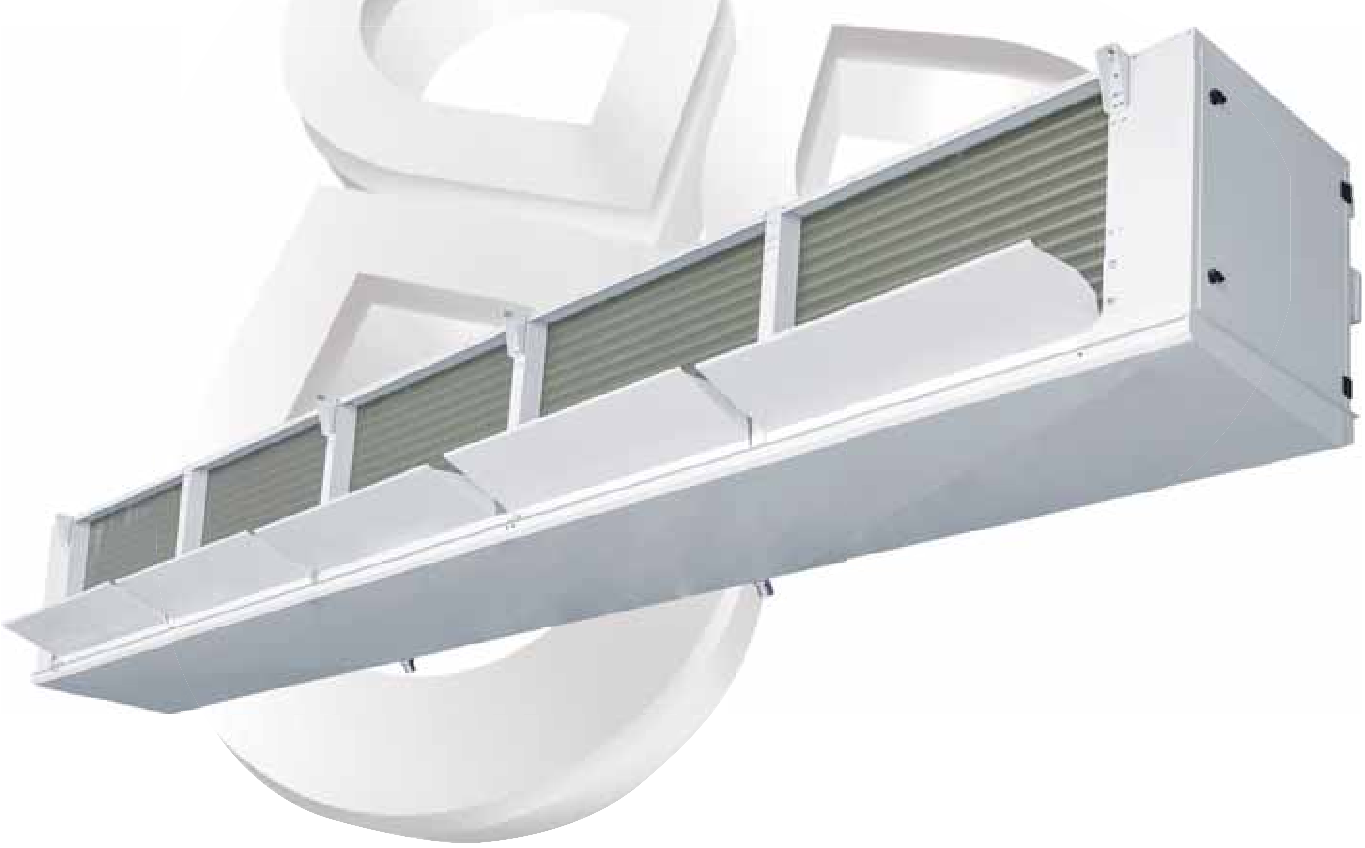
Accessories
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater




SARBUZ

SBA Series Agriculture Unit Cooler

SBA Serisi Tarım Ürünleri Oda Soğutucu



SBA Series

Sebze meyve odaları için tasarlanmış olan SBA modeli özel yapısı sayesinde ürünler üzerinde lekelenmelere yol açmadan ve asgari kalite/nem kaybıyla mükemmel bir şekilde soğutma işlemini gerçekleştirmektedir. Eurovent SC2 şartının yanı sıra sebze meyve odaları için To:+2/Te:-3 gibi farklı alternatifle de hesaplanabilmektedir. Detaylı sorularınız ve teklif talepleriniz için satış bölümümüz ile irtibata geçebilirsiniz.

SBA Series evaporators which are created for fresh fruit and vegetable cold stores, functions perfectly without any quality loose on the stored fruits because of its special design. The capacities are calculated for room temperatures as Tr:+2/Te:-3 condition in addition to Eurovent SC2 condition. You can contact directly with our sales team for your quotations request and questions.

Ürün Kodlama
Product Classification

SBA-84-350-AD

Tarım Ürünleri Oda Soğutucu
Agriculture Unit Cooler — **SBA-**

Hatve
Fin Spacing — **8**

Batarya Kodu
Coil Code — **4-**

Fan 3 ad. x Ø 500mm.
Fans 3 pcs. x Ø 500mm. — **350-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Sıcak gaz defrost
Hot gas defrost — **GD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

Su ile defrost
Water defrost — **WD**

SBA Serisi Tarım Ürünleri Oda Soğutucu / SBA Series Agriculture Unit Cooler

Kapasite / Capacity

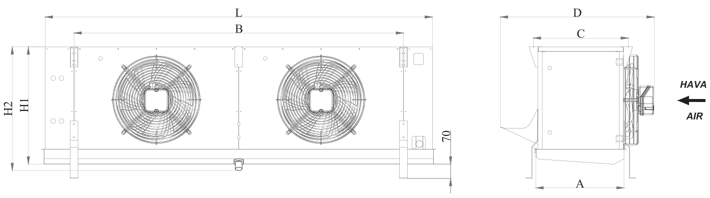
Lamel Aralığı / Fin Spacing **8,0 mm**

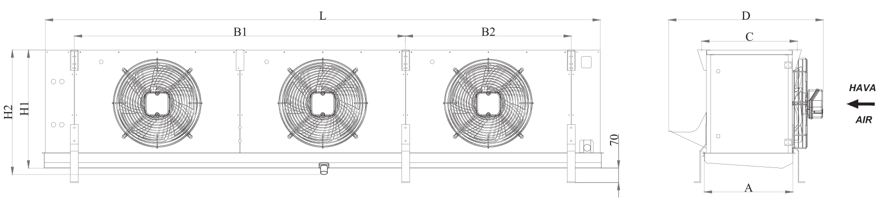
	MODEL	Kapasite Capacity +2/-3 To= +2°C Te= -3°C ΔT=5K	Kapasite Capacity SC2 To= 0°C Te= -8°C ΔT=8K	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	FAN Hava Debisi Air Flow	FAN Hava Atım Mesafesi Air Throw	FAN Elektrik Gücü Power Input	FAN Ses Basınç Seviyesi Sound Pressure Level 3m	Enerji Verimliliği Sınıfı Energy Efficiency Class	Isıtıcılar Electrical Defrost HT Batarya Coil	Isıtıcılar Electrical Defrost LT Batarya Coil	Isıtıcılar Electrical Defrost LT Tava Drip Tray
		Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)		Watt	Watt	Watt
2x	SBA-81-240	4150	6320	38,2	400	7832	12	362	57	D	5x1350	6x1350	1x1350
	SBA-82-240	5240	7980	51,0	400	7495	11	372	57	C	6x1350	7x1350	1x1350
	SBA-81-245	5190	8000	46,9	450	10379	13	544	58	D	5x1600	6x1600	1x1600
	SBA-82-245	6680	9920	62,7	450	10039	13	560	58	D	6x1600	7x1600	1x1600
	SBA-84-245	9400	13500	94,1	450	9473	12	588	59	C	6x1600	7x1600	2x1600
	SBA-81-250	8000	12350	67,2	500	17435	19	1374	57	E	5x2100	6x2100	1x2100
	SBA-82-250	10090	15190	89,3	500	16794	18	1400	57	E	6x2100	7x2100	1x2100
	SBA-84-250	13820	20350	134,4	500	15638	17	1444	58	D	6x2100	7x2100	2x2100
3x	SBA-81-340	6170	9340	57,2	400	11749	13	543	59	D	5x2100	6x2100	1x2100
	SBA-82-340	7660	11630	75,9	400	11243	12	558	59	C	6x2100	7x2100	1x2100
	SBA-81-345	7830	11880	70,3	450	15568	14	816	60	D	5x2400	6x2400	1x2400
	SBA-82-345	10080	15300	94,1	450	15059	14	840	60	D	6x2400	7x2400	1x2400
	SBA-84-345	13430	19820	140,7	450	14210	13	882	61	C	6x2400	7x2400	2x2400
	SBA-81-350	12060	18440	100,8	500	26152	20	2061	59	E	5x3000	6x3000	1x3000
	SBA-82-350	15160	23180	133,9	500	25191	19	2100	59	E	6x3000	7x3000	1x3000
	SBA-84-350	20790	30680	201,6	500	23457	18	2166	60	D	6x3000	7x3000	2x3000
4x	SBA-81-440	8230	12380	76,2	400	15665	14	724	60	D	5x2400	6x2400	1x2400
	SBA-82-440	10530	15850	101,9	400	14990	13	744	60	C	6x2400	7x2400	1x2400
	SBA-81-445	10580	16070	94,1	450	20757	15	1088	61	D	5x3220	6x3220	1x3220
	SBA-82-445	13350	20270	125,2	450	20078	15	1120	61	D	6x3220	7x3220	1x3220
	SBA-84-445	18230	27670	188,1	450	18946	14	1176	62	C	6x3220	7x3220	2x3220
	SBA-81-450	16020	24790	134,4	500	34869	22	2748	60	E	5x3240	6x3240	1x3240
	SBA-82-450	20450	31590	179,2	500	33588	21	2800	60	E	6x3240	7x3240	1x3240
	SBA-84-450	27760	41010	268,7	500	31275	20	2888	61	D	6x3240	7x3240	2x3240
5x	SBA-81-540	10320	15680	94,1	400	19521	15	910	61	D	5x3220	6x3220	1x3220
	SBA-82-540	13050	19780	125,4	400	18648	14	930	61	C	6x3220	7x3220	1x3220
	SBA-81-545	13140	19360	117,6	450	25947	16	1360	62	D	5x3240	6x3240	1x3240
	SBA-82-545	16590	24440	156,4	450	25098	16	1400	62	D	6x3240	7x3240	1x3240
	SBA-84-545	22690	33630	235,2	450	23683	15	1470	63	C	6x3240	7x3240	2x3240
	SBA-81-550	22350	33520	165,8	500	42063	23	3500	61	E	5x4000	6x4000	1x4000
	SBA-82-550	27760	41600	220,0	500	40149	22	3575	61	E	6x4000	7x4000	1x4000
	SBA-84-550	37280	56130	331,5	500	36594,1	20	3690	62	D	6x4000	7x4000	2x4000
6x	SBA-81-640	12640	18640	117,5	400	23605,5	16	1086	62	D	5x3240	6x3240	1x3240
	SBA-82-640	15870	23400	156,4	400	22666	16	1110	62	C	6x3240	7x3240	1x3240
	SBA-81-645	17570	26580	139,2	450	30169,2	17	1674	63	D	5x3900	6x3900	1x3900
	SBA-82-645	21940	33200	185,2	450	29045,9	17	1734	63	C	6x3900	7x3900	1x3900
	SBA-84-645	29060	44210	278,5	450	26903,8	16	1824	64	C	6x3900	7x3900	2x3900
	SBA-81-650	26740	41370	198,9	500	50475,4	25	4200	62	E	5x4800	6x4800	1x4800
	SBA-82-650	33580	52100	265,2	500	48178,6	24	4290	62	D	6x4800	7x4800	1x4800
	SBA-84-650	44360	65010	397,8	500	43912,9	22	4428	63	D	6x4800	7x4800	2x4800

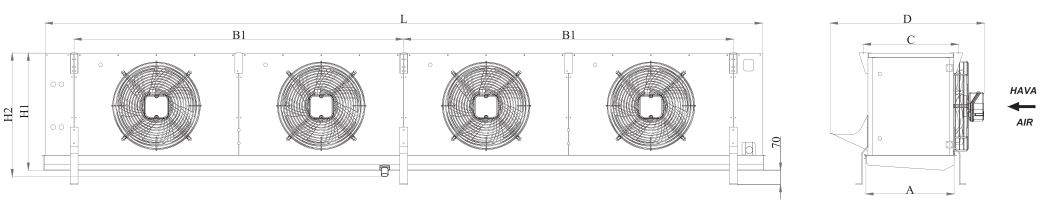
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

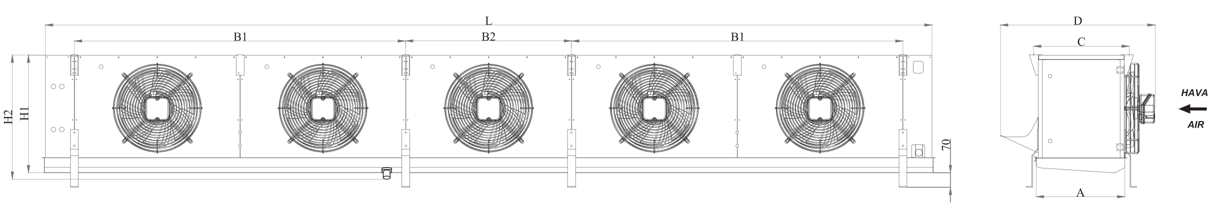
MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBA-81-240	6,8	59	1692	633	675	848	495	1300	---	---	537	12,7	22	1″G
SBA-82-240	9,1	67	1692	633	675	848	495	1300	---	---	537	12,7	28	1″G
SBA-81-245	8,0	71	1992	633	675	868	535	1600	---	---	577	12,7	28	1″G
SBA-82-245	11,2	80	1992	633	675	868	535	1600	---	---	577	15,9	28	1″G
SBA-84-245	16,8	105	1992	633	675	1008	675	1600	---	---	717	15,9	35	1″G
SBA-81-250	12,0	87	2392	713	755	873	535	2000	---	---	577	15,9	35	1 1/4″G
SBA-82-250	15,0	96	2392	713	755	873	535	2000	---	---	577	15,9	35	1 1/4″G
SBA-84-250	23,9	130	2392	713	755	1013	675	2000	---	---	717	22	42	1 1/4″G
SBA-81-340	9,7	80	2342	633	675	848	495	1950	650	1300	537	15,9	28	1″G
SBA-82-340	12,2	91	2342	633	675	848	495	1950	650	1300	537	15,9	35	1″G
SBA-81-345	12,0	98	2792	633	675	868	535	2400	800	1600	577	15,9	35	1 1/4″G
SBA-82-345	16,8	112	2792	633	675	868	535	2400	800	1600	577	15,9	35	1 1/4″G
SBA-84-345	23,9	145	2792	633	675	1008	675	2400	800	1600	717	22	42	1 1/4″G
SBA-81-350	18,0	135	3392	713	755	873	535	3000	1000	2000	577	22	42	1 1/4″G
SBA-82-350	22,4	152	3392	713	755	873	535	3000	1000	2000	577	22	42	1 1/4″G
SBA-84-350	35,9	201	3392	713	755	1013	675	3000	1000	2000	717	28	54	1 1/4″G
SBA-81-440	13,0	105	2992	633	675	848	495	2600	650	1300	537	15,9	35	1 1/4″G
SBA-82-440	18,2	122	2992	633	675	848	495	2600	650	1300	537	15,9	35	1 1/4″G
SBA-81-445	16,8	140	3592	633	675	868	535	3200	800	1600	577	15,9	35	1 1/4″G
SBA-82-445	21,5	158	3592	633	675	868	535	3200	800	1600	577	22	42	1 1/4″G
SBA-84-445	33,5	207	3592	633	675	1008	675	3200	800	1600	717	22	54	1 1/4″G
SBA-81-450	23,9	212	4392	713	755	873	535	4000	1000	2000	577	22	42	2x1 1/4″G
SBA-82-450	31,9	231	4392	713	755	873	535	4000	1000	2000	577	28	54	2x1 1/4″G
SBA-84-450	47,9	303	4392	713	755	1013	675	4000	1000	2000	717	28	54	2x1 1/4″G
SBA-81-540	16,8	155	3592	633	675	848	495	3200	640	1280	537	15,9	35	1 1/4″G
SBA-82-540	22,3	174	3592	633	675	848	495	3200	640	1280	537	22	42	1 1/4″G
SBA-81-545	20,9	193	4392	633	675	868	535	4000	800	1600	577	15,9	42	2x1 1/4″G
SBA-82-545	26,9	215	4392	633	675	868	535	4000	800	1600	577	22	42	2x1 1/4″G
SBA-84-545	41,9	279	4392	633	675	1008	675	4000	800	1600	717	22	54	2x1 1/4″G
SBA-81-550	47,4	290	5392	713	755	873	535	5000	1000	2000	577	28	54	2x1 1/4″G
SBA-82-550	59,2	318	5392	713	755	873	535	5000	1000	2000	577	28	54	2x1 1/4″G
SBA-84-550	94,7	420	5392	713	755	1013	675	5000	1000	2000	717	28	54	2x1 1/4″G
SBA-81-640	20,6	188	4392	633	675	848	495	4000	667	1334	537	15,9	42	2x1 1/4″G
SBA-82-640	26,5	210	4392	633	675	848	495	4000	667	1334	537	22	42	2x1 1/4″G
SBA-81-645	39,8	272	5192	633	675	868	535	4800	800	1600	577	15,9	54	2x1 1/4″G
SBA-82-645	51,1	314	5192	633	675	868	535	4800	800	1600	577	22	54	2x1 1/4″G
SBA-84-645	79,6	418	5192	633	675	1008	675	4800	800	1600	717	22	54	2x1 1/4″G
SBA-81-650	56,8	342	6392	713	755	873	535	6000	1000	2000	577	22	54	2x1 1/4″G
SBA-82-650	75,8	375	6392	713	755	873	535	6000	1000	2000	577	28	54	2x1 1/4″G
SBA-84-650	113,7	496	6392	713	755	1013	675	6000	1000	2000	717	35	66	2x1 1/4″G

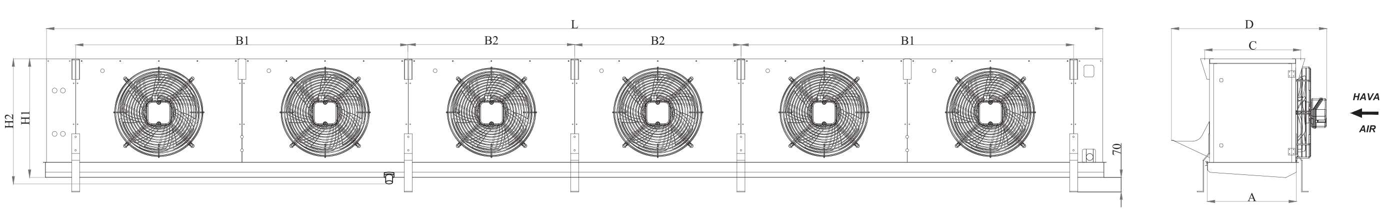
Teknik Çizim / Technical Drawing











Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2", Ø5/8".
• Fin malzemesi alüminyumdur,
• Lamel arası 8 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak (+2°C/-3°C) - SC2 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir (ΔT = Tr - Te).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

Evaporator Coil
• Copper tubes Ø1/2", Ø5/8,
• Fins made of aluminium,
• Fin spacing is 8 mm,
• Header inlet and outlet tube connections made of copper,
• Admissible pressure Ps=24 Bar.

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, Single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

Defrosting
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrosts without tubing inside of coil and drip try, without non-return valve,
•Water defrost

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to (+2°C/-3°C) - SC2 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater

SBX Series Shock Freezers

SBX Serisi Şok Dondurucu

SBX Series

SBX Serisi Şok Dondurucuları şoklama sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SBX Series Shock Freezers are designed for shock systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SBX-L2-11.63-FT

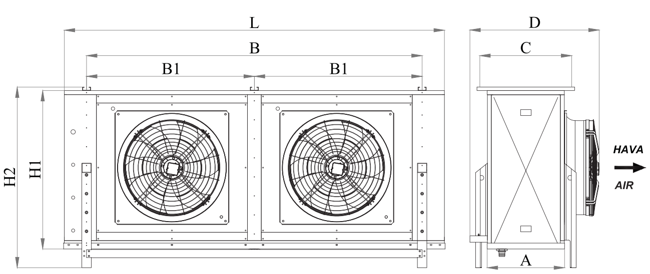
Şok Dondurucu Shock Freezer	**SBX-**
Ürün Tipi Product Type	**L**
Batarya Kodu Coil Code	**2-**
Fan Sıra Sayısı Number of Fan Rows	**1**
Her Sıradaki Fan Sayısı Number of Fans for Each Row	**1.**
Fan Çapı Ø 630 mm. Fan Diameter Ø 630 mm.	**63-**
Donma sıcaklığı için rezistans Electric defrost for freezing temperature	**FT**
Su ile defrost Water defrost	**WD**

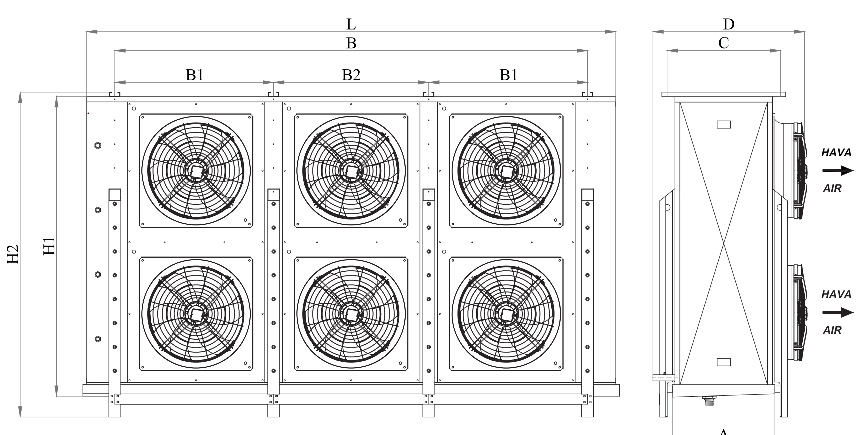
SBX Serisi Şok Dondurucu / SBX Series Shock Feezers
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **10,0 mm** **L Serisi** / L Series

	MODEL	Kapasite Capacity			Isı Transfer Yüzeyi Heat Transfer Surface	FAN				Isıtıcılar Electrical Defrost					
		ΔT 5 To= -35°C Te= -40°C ΔT=5K	SC5 To= -34°C Te= -40°C ΔT=6K	SC3 To= -18°C Te= -25°C ΔT=7K		Çap Diameter	Hava Debisi Air Flow	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Batarya Coil	Batarya Yedek Coil Spare	Tava Drip Tray	Tava Yedek Drip Tray Spare	Drenaj Hattı Drain Line	Fan Isıtıcı Fan Heater
		kW	kW	kW	m²	mm	m³/h	kW	db(A)	Watt	Watt	Watt	Watt	Watt	Watt
1x1	SBX-L1-11.63	4,2	5,2	6,3	40,9	630	14290	1,95	59	4x1040	2x1040	1x1040	1x1040	300	1x300
	SBX-L2-11.63	5,4	6,7	8,1	54,6	630	13870	1,95	59	5x1040	3x1040	1x1040	1x1040	300	1x300
	SBX-L4-11.63	7,6	9,4	11,7	81,7	630	13120	1,95	59	6x1040	3x1040	2x1040	1x1040	300	1x300
1x2	SBX-L1-12.63	8,4	10,5	12,6	81,8	630	28590	3,90	59	4x2090	2x2090	1x2090	1x2090	300	2x300
	SBX-L2-12.63	10,9	13,6	16,2	109,1	630	27740	3,90	59	5x2090	3x2090	1x2090	1x2090	300	2x300
	SBX-L4-12.63	15,4	18,9	24,1	163,7	630	26240	3,90	59	6x2090	3x2090	2x2090	1x2090	300	2x300
1x3	SBX-L1-13.63	14,3	18,1	21,7	121,6	630	41650	5,85	59	4x3020	2x3020	1x3020	1x3020	300	3x300
	SBX-L2-13.63	18,4	23,1	27,6	162,1	630	40120	5,85	59	5x3020	3x3020	1x3020	1x3020	300	3x300
	SBX-L4-13.63	25,1	31,4	37,2	243,2	630	37350	5,85	59	6x3020	3x3020	2x3020	1x3020	300	3x300
1x4	SBX-L1-14.63	19,5	24,0	30,8	162,1	630	55530	7,80	59	4x3240	2x3240	1x3240	1x3240	300	4x300
	SBX-L2-14.63	25,0	30,8	39,7	216,2	630	53500	7,80	59	5x3240	3x3240	1x3240	1x3240	300	4x300
	SBX-L4-14.63	34,2	42,1	52,6	324,5	630	49800	7,80	59	6x3240	3x3240	2x3240	1x3240	300	4x300
2x1	SBX-L1-21.63	8,6	10,4	13,6	81,8	630	28590	3,90	59	7x1040	3x1040	1x1040	1x1040	300	2x300
	SBX-L2-21.63	10,8	13,5	16,2	109,1	630	27740	3,90	59	8x1040	4x1040	1x1040	1x1040	300	2x300
	SBX-L4-21.63	15,2	18,9	24,1	163,3	630	26240	3,90	59	10x1040	5x1040	2x1040	1x1040	300	2x300
2x2	SBX-L1-22.63	16,8	21,0	26,5	163,7	630	57170	7,80	59	7x2090	3x2090	1x2090	1x2090	300	4x300
	SBX-L2-22.63	21,8	27,2	34,0	218,2	630	55480	7,80	59	8x2090	4x2090	1x2090	1x2090	300	4x300
	SBX-L4-22.63	30,7	37,8	48,4	327,3	630	52480	7,80	59	10x2090	5x2090	2x2090	1x2090	300	4x300
2x3	SBX-L1-23.63	28,7	36,2	45,5	243,2	630	83300	11,70	59	7x3020	3x3020	1x3020	1x3020	300	6x300
	SBX-L2-23.63	36,7	46,2	55,2	324,3	630	80250	11,70	59	8x3020	4x3020	1x3020	1x3020	300	6x300
	SBX-L4-23.63	50,2	62,8	74,3	486,4	630	74690	11,70	59	10x3020	5x3020	2x3020	1x3020	300	6x300
2x4	SBX-L1-24.63	39,0	48,0	61,6	324,3	630	111070	15,60	59	7x3240	3x3240	1x3240	1x3240	300	8x300
	SBX-L2-24.63	50,0	61,5	78,4	432,4	630	106990	15,60	59	8x3240	4x3240	1x3240	1x3240	300	8x300
	SBX-L4-24.63	68,4	84,2	105,3	648,6	630	99590	15,60	59	10x3240	5x3240	2x3240	1x3240	300	8x300

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.
- Yukarıda belirtilen kapasiteler 2,0kW - 1400 rpm emici fana göre hesaplanmıştır.
- The given capacities are mentioned above are calculated according to 2,0kW - 1400 rpm suction fan.



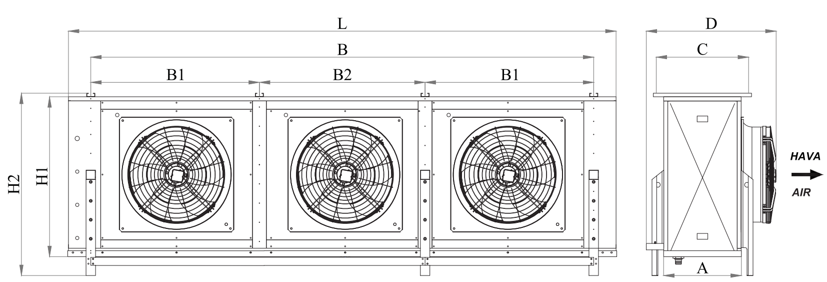


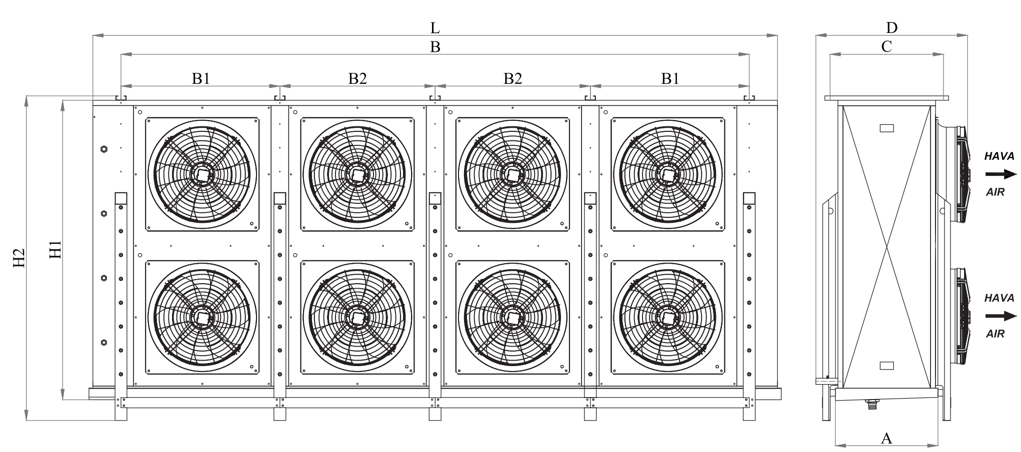
Ölçüler/Measures

L Serisi / L Series

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBX-L1-11.63	9,0	170	1480	1035	1220	920	580	1050	-	-	675	15,9	28	2″G
SBX-L2-11.63	12,0	182	1480	1035	1220	920	580	1050	-	-	675	15,9	35	2″G
SBX-L4-11.63	17,5	209	1480	1035	1220	1020	680	1050	-	-	775	22	35	2″G
SBX-L1-12.63	18,0	297	2480	1035	1220	920	580	2050	1025	-	675	22	42	2″G
SBX-L2-12.63	23,9	321	2480	1035	1220	920	580	2050	1025	-	675	22	42	2″G
SBX-L4-12.63	35,9	370	2480	1035	1220	1020	680	2050	1025	-	775	22	54	2″G
SBX-L1-13.63	42,6	425	3480	1035	1220	920	580	3050	1025	1000	675	22	54	2″G
SBX-L2-13.63	56,8	460	3480	1035	1220	920	580	3050	1025	1000	675	22	54	2″G
SBX-L4-13.63	85,2	536	3480	1035	1220	1020	680	3050	1025	1000	775	28	66	2″G
SBX-L1-14.63	56,8	552	4480	1035	1220	920	580	4050	1025	1000	675	22	54	2x2″G
SBX-L2-14.63	75,8	599	4480	1035	1220	920	580	4050	1025	1000	675	28	66	2x2″G
SBX-L4-14.63	113,7	699	4480	1035	1220	1020	680	4050	1025	1000	775	35	66	2x2″G
SBX-L1-21.63	18,0	338	1480	1995	2180	920	580	1050	-	-	675	22	42	2″G
SBX-L2-21.63	23,9	362	1480	1995	2180	920	580	1050	-	-	675	22	42	2″G
SBX-L4-21.63	34,9	423	1480	1995	2180	1020	680	1050	-	-	775	22	54	2″G
SBX-L1-22.63	35,9	591	2480	1995	2180	920	580	2050	1025	-	675	2x22	2x42	2″G
SBX-L2-22.63	47,9	639	2480	1995	2180	920	580	2050	1025	-	675	2x22	2x42	2″G
SBX-L4-22.63	71,8	750	2480	1995	2180	1020	680	2050	1025	-	775	2x22	2x54	2″G
SBX-L1-23.63	85,2	843	3480	1995	2180	920	580	3050	1025	1000	675	2x22	2x54	2″G
SBX-L2-23.63	113,7	915	3480	1995	2180	920	580	3050	1025	1000	675	2x22	2x54	2″G
SBX-L4-23.63	170,5	1078	3480	1995	2180	1020	680	3050	1025	1000	775	2x28	2x66	2″G
SBX-L1-24.63	113,6	1004	4480	1995	2180	920	580	4050	1025	1000	675	2x22	2x54	2x2″G
SBX-L2-24.63	151,6	1087	4480	1995	2180	920	580	4050	1025	1000	675	2x28	2x66	2x2″G
SBX-L4-24.63	227,4	1275	4480	1995	2180	1020	680	4050	1025	1000	775	2x35	2x66	2x2″G

SBX



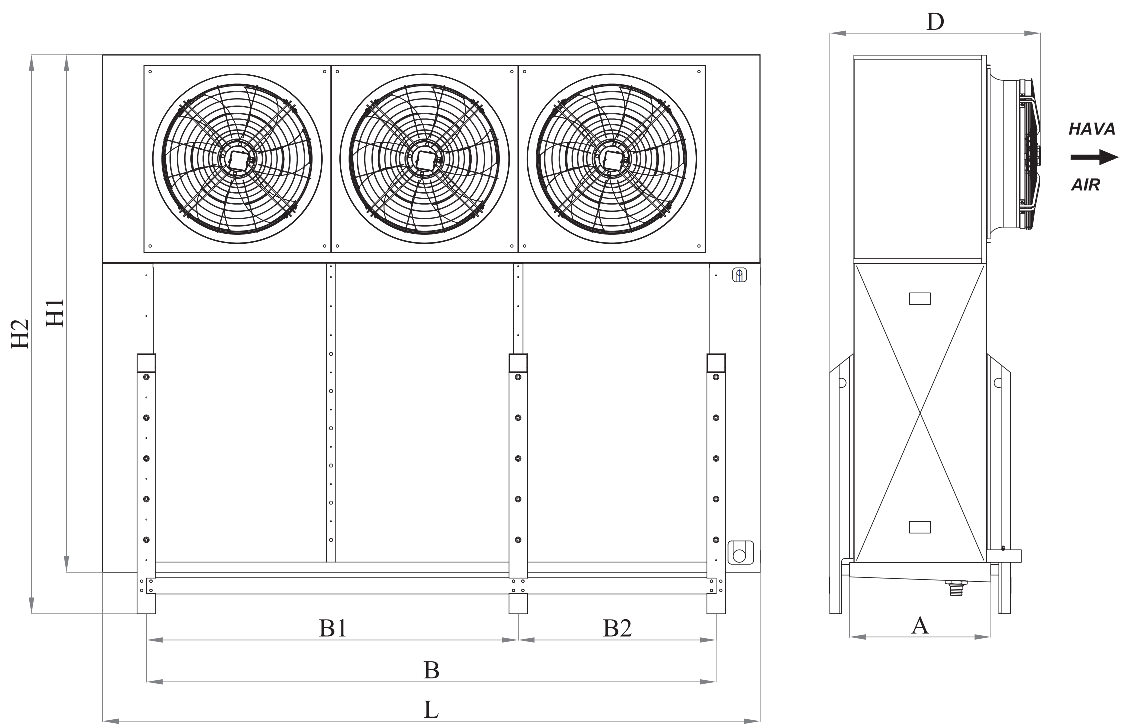


SBX Serisi Şok Dondurucu / SBX Series Shock Feezers
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **10,0 mm** **D Serisi** / D Series

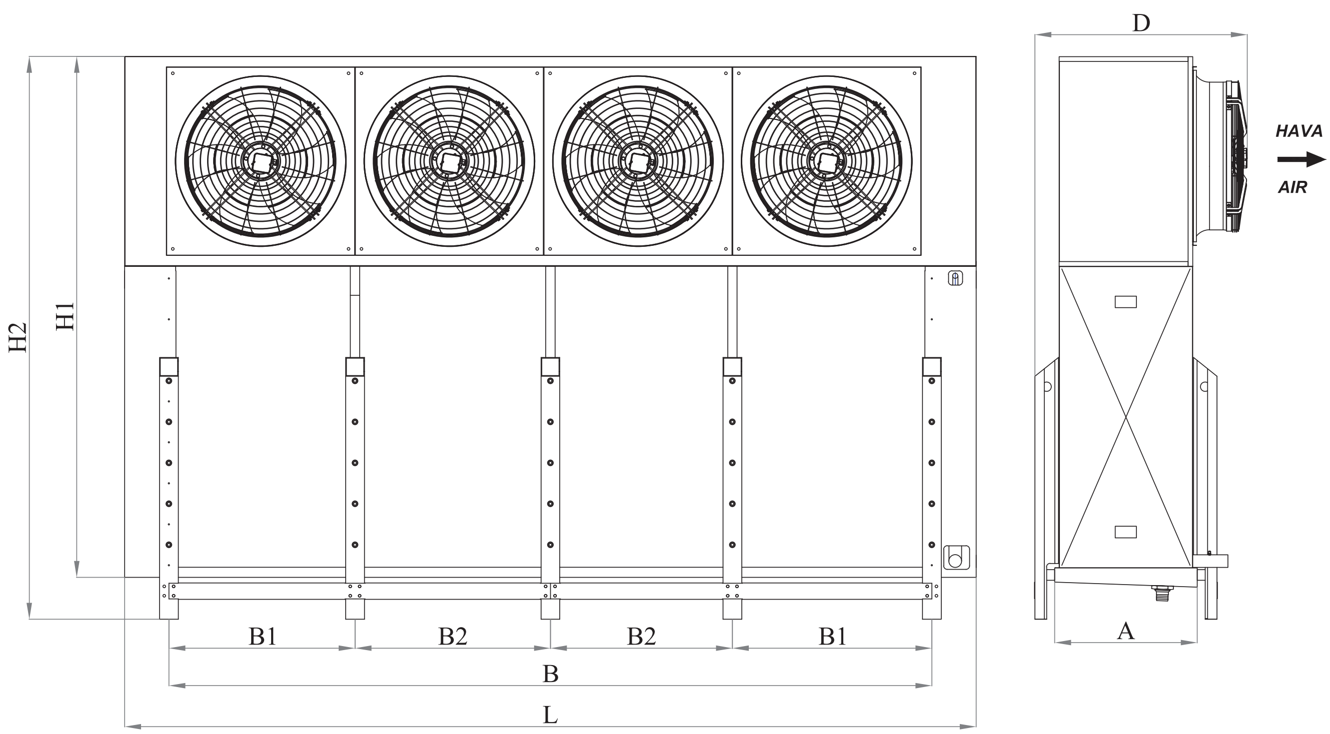
	MODEL	Kapasite Capacity			Isı Transfer Yüzeyi Heat Transfer Surface	FAN				Isıtıcılar Electrical Defrost					
		ΔT 5 To= -35°C Te= -40°C ΔT=5K	SC5 To= -34°C Te= -40°C ΔT=6K	SC3 To= -18°C Te= -25°C ΔT=7K		Çap Diameter	Hava Debisi Air Flow	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	Batarya Coil	Batarya Yedek Coil Spare	Tava Drip Tray	Tava Yedek Drip Tray Spare	Drenaj Hattı Drain Line	Fan Isıtıcı Fan Heater
		kW	kW	kW	m^2	mm	m^3/h	kW	db(A)	Watt	Watt	Watt	Watt	Watt	Watt
1x1	SBX-D1-11.63	4,4	5,5	6,7	40,9	630	15660	2,63	61	4x800	2x800	1x800	1x800	300	1x300
1x1	SBX-D2-11.63	5,9	7,4	9,0	54,6	630	15140	2,63	61	5x800	3x800	1x800	1x800	300	1x300
1x1	SBX-D4-11.63	8,4	10,4	12,8	81,7	630	14250	2,63	61	6x800	3x800	2x800	1x800	300	1x300
1x2	SBX-D1-12.63	9,2	11,5	14,2	81,8	630	31320	5,26	61	4x1600	2x1600	1x1600	1x1600	300	2x300
1x2	SBX-D2-12.63	11,8	14,7	18,2	109,1	630	30300	5,26	61	5x1600	3x1600	1x1600	1x1600	300	2x300
1x2	SBX-D4-12.63	17,0	21,0	25,1	163,7	630	28500	5,26	61	6x1600	3x1600	2x1600	1x1600	300	2x300
1x3	SBX-D1-13.63	15,7	19,5	24,9	121,6	630	45500	7,89	61	4x2400	2x2400	1x2400	1x2400	300	3x300
1x3	SBX-D2-13.63	20,0	24,8	30,9	162,1	630	43680	7,89	61	5x2400	3x2400	1x2400	1x2400	300	3x300
1x3	SBX-D4-13.63	27,4	34,0	41,6	243,2	630	40410	7,89	61	6x2400	3x2400	2x2400	1x2400	300	3x300
1x4	SBX-D1-14.63	20,9	26,1	31,8	162,1	630	60660	10,52	61	4x3200	2x3200	1x3200	1x3200	300	4x300
1x4	SBX-D2-14.63	26,7	33,1	40,3	216,2	630	58180	10,52	61	5x3200	3x3200	1x3200	1x3200	300	4x300
1x4	SBX-D4-14.63	35,8	43,4	56,9	324,5	630	53880	10,52	61	6x3200	3x3200	2x3200	1x3200	300	4x300

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.
- Yukarıda belirtilen kapasiteler 2,5kW - 1400Rpm emici fana göre hesaplanmıştır.
- The given capacities are mentioned above are calculated according to 2,0kW - 1400Rpm suction fan.



D Serisi / D Series

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø	Inch
SBX-D1-11.63	9,0	250	1280	2255	2435	1095	780	850	-	-	-	16	28	2″G
SBX-D2-11.63	12,0	264	1280	2255	2435	1095	780	850	-	-	-	16	35	2″G
SBX-D4-11.63	19,2	307	1280	1330	1510	1095	880	850	-	-	-	22	35	2″G
SBX-D1-12.63	19,2	415	2080	2255	2435	1095	780	1650	-	-	-	22	42	2″G
SBX-D2-12.63	25,1	443	2080	2255	2435	1095	780	1650	-	-	-	22	42	2″G
SBX-D4-12.63	38,3	518	2080	1330	1510	1095	880	1650	-	-	-	22	54	2″G
SBX-D1-13.63	45,5	553	2880	2255	2435	1095	780	2450	1625	825	-	22	54	2″G
SBX-D2-13.63	59,7	593	2880	2255	2435	1095	780	2450	1625	825	-	22	54	2″G
SBX-D4-13.63	90,9	688	2880	1330	1510	1095	880	2450	1625	825	-	28	66	2″G
SBX-D1-14.63	60,6	710	3680	2255	2435	1095	780	3250	825	800	-	22	54	2″G
SBX-D2-14.63	80,8	764	3680	2255	2435	1095	780	3250	825	800	-	28	66	2″G
SBX-D4-14.63	121,2	887	3680	2255	2435	1095	780	3250	825	800	-	35	66	2″G



Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2", Ø5/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 10 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır,
• Çift cidarlı yalıtım tavası standarttır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP54, Trifaze 400V 3~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F, çalışma sıcaklığı -40°C ile +60°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Elektrikli defrost,
• Fan kablo resiztansı,
• Drenaj hattı kablo reszistansı,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak (-35/-40) - SC3 - SC5 şartlarında R404A gazı için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr ve evaporasyon sıcaklığının Te farkına bağlı olarak değişir
(ΔT = Tr - Te).

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Paslanmaz çelik kabin,
• Epoxy boya,

Evaporator Coil
• Copper tubes Ø1/2", Ø5/8",
• Fins made of aluminium,
• Fin spacing is 10 mm,
• Header inlet and outlet tube connections made of copper,
• Admissible pressure Ps=24 Bar.

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey),
• Isolated double skin drip tray is used as standard.

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP54, Three phase 400V 3~ 50Hz,
• Constructions insulation material class F, admissible temperature -40°C up to +60°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

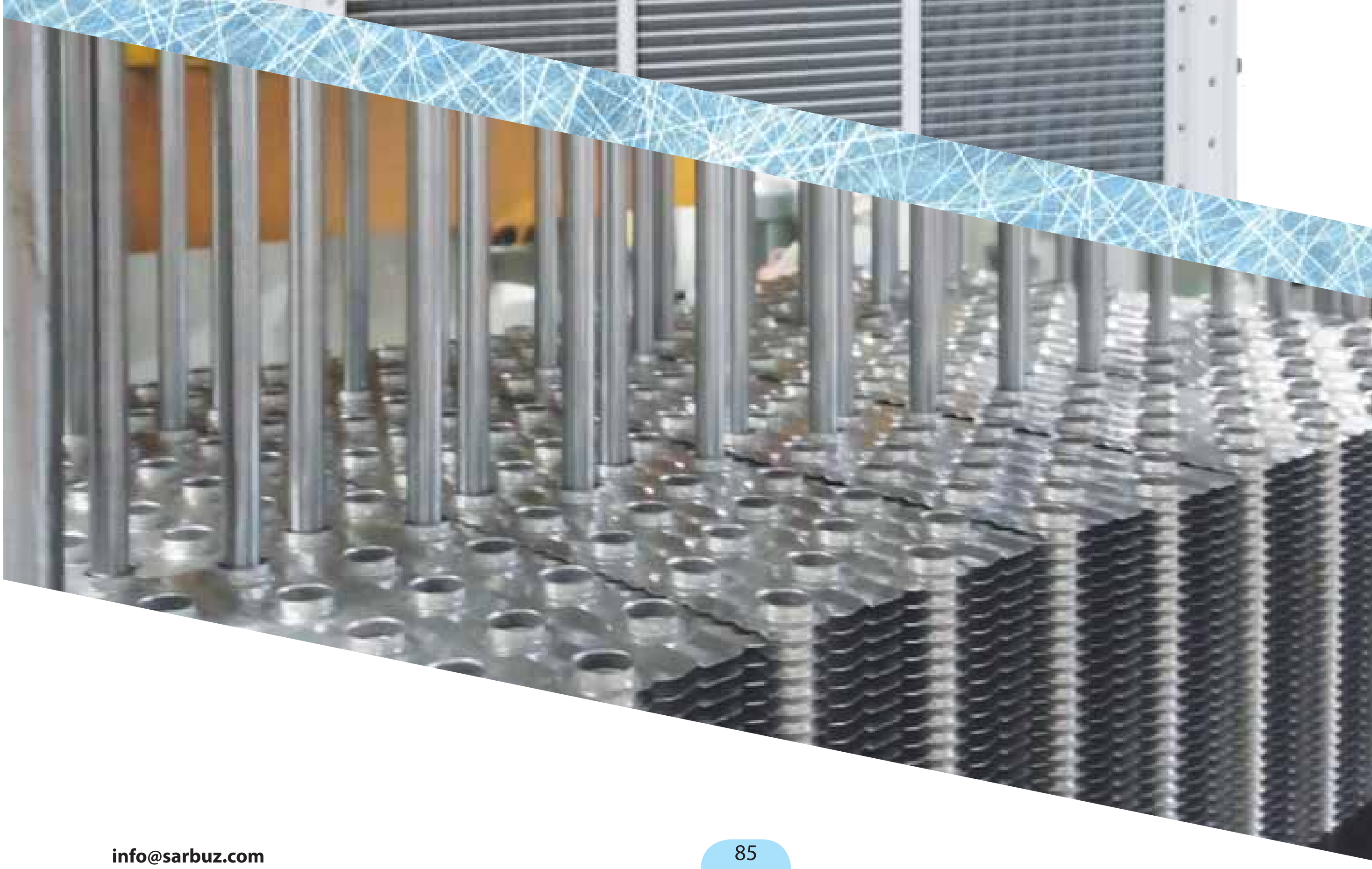
Defrosting
• Electrical defrost,
• Fan cable heaters,
• Drain line cable heater,
• Hot gas defrosts without tubing inside of coil and drip try, without non-return valve,
•Water defrost

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to (-35/-40) - SC3 - SC5 conditions and are valid for R404A,
• The refrigerating capacities refer to an air inlet temperature difference which results from the difference between cooler air inlet temperature Tr, evaporating temperature Te and (ΔT = Tr - Te).

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Hot gas defrost in coil and drip tray,
• Casing made of stainless steel,
• Epoxy resin coated aluminium fins,



SBX

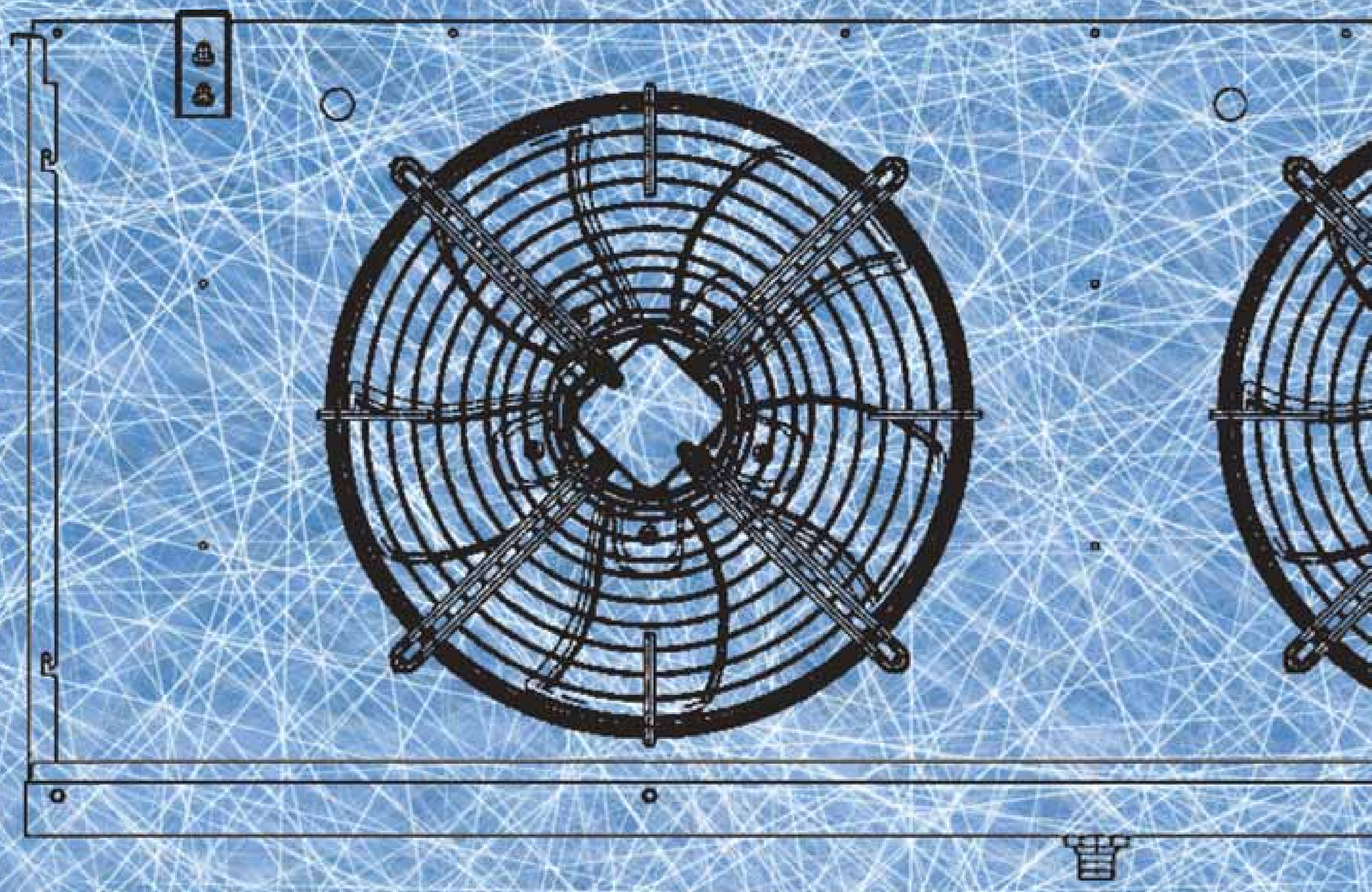
Water Glycol Coolers

Su-Glikol Soğutucuları

Wasser-Glykol Kühler

Водно-гликолевые охладители

مبردات المياه جلايكول



heat transfer devices

ısı transfer cihazları

SBE-G Cubic Type Water Glycol Cooler

SBE-G Kübik Tip Su Glikol Soğutucu

SBE-G Series

SARBUZ SBE-G Serisi Kübik Tip Su-Glikol soğutucular, müşterinin ihtiyaçları doğrultusunda Ø350, Ø400, Ø450 ve Ø500fanlı olarak tasarlanmaktadır.

SARBUZ SBE-G Series Cubic Type Water-Glycol Cooler Coolers, are designed with Ø350, Ø400, Ø450 and Ø500 fan diameters, according to costumers' needs.

Ürün Kodlama
Product Classification

SBE-G-84-350-AD

Kübik Tip Su Glikol Soğutucu
Cubic Type Water Glycol Cooler — **SBE-G-**

Hatve
Fin Spacing — **8**

Batarya Kodu
Coil Code — **4-**

Fan 3 ad. x Ø 500mm.
Fans 3 pcs. x Ø 500mm. — **350-**

Hava ile defrost veya rezistanssız
Air defrost or without heaters — **AD**

Yüksek sıcaklık için rezistans (T_r = +5/-2)
Electric defrost for high temperature — **HT**

Düşük sıcaklık için rezistans (T_r = -2/-25)
Electric defrost for low temperature — **LT**

Su ile defrost
Water defrost — **WD**

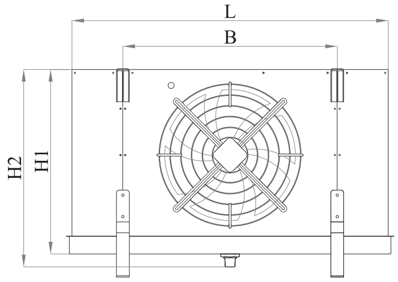
SBE-G Serisi Kübik Tip Su Glikol Oda Soğutucu / SBE-G Cubic Type Unit Cooler

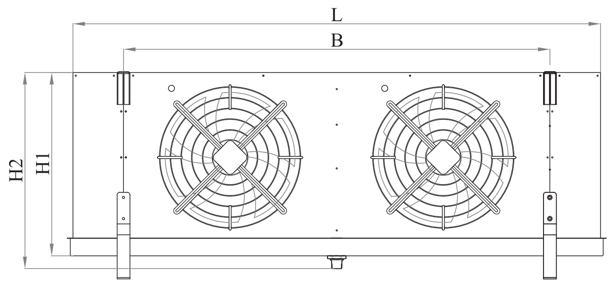
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Isıtıcılar Electrical Defrost		
		SC10 Tr= 16°C Twi= 4°C Two= 8°C	SC11 Tr= 0°C Twi= -10°C Two= -7°C		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)	Watt	Watt	Watt
	SBE-G-42-135	5510	3220	15,9	350	2150	9	155	54	2x520	-	-
	SBE-G-43-135	6340	3800	19,9	350	1950	8	158	54	2x520	-	-
	SBE-G-44-135	6900	4690	23,8	350	1800	7	159	54	3x520	-	-
	SBE-G-42-140	7020	3930	18,5	400	2780	10	194	63	2x520	-	-
1x	SBE-G-43-140	8070	5660	23,2	400	2540	9	205	64	3x520	-	-
	SBE-G-44-140	8750	6470	27,8	400	2320	8	210	64	3x520	-	-
	SBE-G-42-145	9740	7030	23,2	450	3950	12	318	63	3x650	-	-
	SBE-G-43-145	10450	5760	28,8	450	3640	11	328	64	3x650	-	-
	SBE-G-44-145	11700	8150	34,7	450	3360	10	338	64	4x650	-	-
	SBE-G-42-235	11540	7670	31,8	350	4290	9	310	57	2x1040	-	-
	SBE-G-43-235	13110	9520	39,7	350	3900	8	316	57	3x1040	-	-
	SBE-G-44-235	14170	9920	47,6	350	3600	8	318	57	3x1040	-	-
	SBE-G-42-240	14480	10440	37,0	400	5540	10	388	66	2x1040	-	-
2x	SBE-G-43-240	15760	10590	46,0	400	5080	9	410	67	3x1040	-	-
	SBE-G-44-240	17290	12790	55,4	400	4650	9	420	67	3x1040	-	-
	SBE-G-42-245	19380	13880	46,3	450	6900	11	636	67	3x1300	-	-
	SBE-G-43-245	21710	14740	57,9	450	7260	11	656	67	4x1300	-	-
	SBE-G-44-245	23630	16050	69,2	450	6700	10	676	67	4x1300	-	-
	SBE-G-42-335	17590	12440	47,6	350	6430	10	465	59	2x1600	-	-
	SBE-G-43-335	19380	13390	59,6	350	5860	9	474	59	3x1600	-	-
	SBE-G-44-335	20890	15170	71,3	350	5390	8	477	59	3x1600	-	-
	SBE-G-42-340	22180	14900	55,6	400	8320	11	582	68	2x1600	-	-
3x	SBE-G-43-340	24620	18220	69,5	400	7610	10	615	69	3x1600	-	-
	SBE-G-44-340	26120	19090	83,4	400	6980	9	630	69	3x1600	-	-
	SBE-G-42-345	28040	20720	69,3	450	11880	13	954	69	3x1950	-	-
	SBE-G-43-345	32800	23650	86,9	450	10880	12	984	69	4x1950	-	-
	SBE-G-44-345	35990	25060	104,2	450	10050	11	1014	69	4x1950	-	-

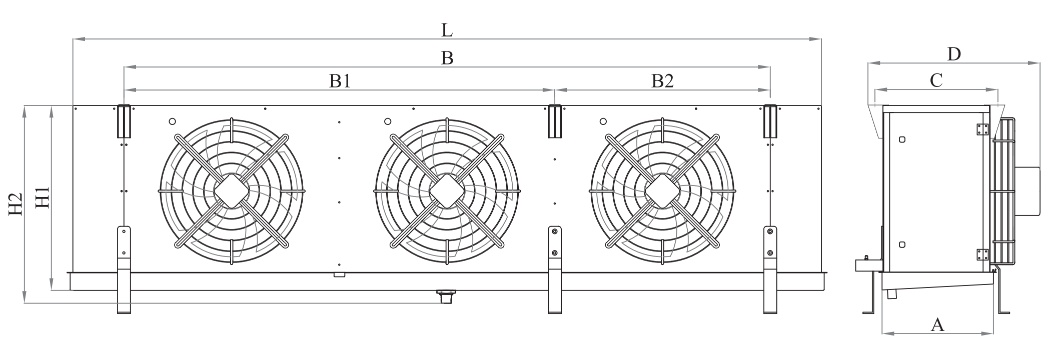
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.





Ölçüler/Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBE-G-42-135	5,0	25	860	530	570	534	391	520	-	-	417	1/2"	1/2"	3/4" G
SBE-G-43-135	6,2	28	860	530	570	534	391	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-44-135	7,5	30	860	530	570	534	391	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-42-140	5,8	31	860	605	640	554	395	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-43-140	7,3	34	860	605	640	554	395	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-44-140	8,7	36	860	605	640	554	395	520	-	-	417	1"	1"	3/4" G
SBE-G-42-145	7,3	37	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-43-145	8,6	39	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-44-145	10,9	42	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-42-235	10,0	40	1380	530	570	534	391	1040	-	-	417	1"	1"	3/4" G
SBE-G-43-235	12,5	45	1380	530	570	534	391	1040	-	-	417	1"	1"	3/4" G
SBE-G-44-235	15,0	49	1380	530	570	534	391	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-42-240	11,2	49	1380	605	640	554	395	1040	-	-	417	1"	1"	3/4" G
SBE-G-43-240	13,3	54	1380	605	640	554	395	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-44-240	16,6	59	1380	605	640	554	395	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-42-245	14,5	60	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-43-245	18,2	64	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-44-245	20,8	70	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-42-335	15,0	56	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-43-335	18,7	62	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-44-335	21,8	68	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-42-340	17,5	70	1900	605	640	554	395	1560	520	1040	417	1 1/4"	1 1/4"	1" G
SBE-G-43-340	21,8	75	1900	605	640	554	395	1560	520	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-44-340	26,2	82	1900	605	640	554	395	1560	520	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-42-345	21,0	85	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-43-345	27,3	92	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-44-345	32,7	97	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G



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SBE-G Serisi Kübik Tip Su Glikol Oda Soğutucu / SBE-G Cubic Type Unit Cooler

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **6,0 mm**

	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Isıtıcılar Electrical Defrost		
		SC10 Tr= 16°C Twi= 4°C Two= 8°C	SC11 Tr= 0°C Twi= -10°C Two= -7°C		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	HT Batarya Coil	LT Batarya Coil	LT Batarya Coil
		Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)	Watt	Watt	Watt
	SBE-G-62-135	4700	2870	11,0	350	2310	9	151	54	2x520	3x520	1x520
	SBE-G-63-135	5560	3460	13,8	350	2130	8	155	54	2x520	3x520	1x520
	SBE-G-64-135	6200	3990	16,5	350	1980	8	158	54	3x520	4x520	1x520
	SBE-G-62-140	5980	3490	12,9	400	2980	10	196	63	2x520	3x520	1x520
	SBE-G-63-140	7050	4750	16,1	400	2760	10	198	63	3x520	4x520	1x520
1x	SBE-G-64-140	7870	5690	19,3	400	2570	9	205	63	3x520	4x520	1x520
	SBE-G-62-145	8260	5790	16,1	450	4230	12	318	64	3x650	4x650	1x650
	SBE-G-63-145	8560	6900	20,0	450	3960	12	328	64	3x650	4x650	1x650
	SBE-G-64-145	10400	6940	24,1	450	3670	11	338	64	4x650	5x650	1x650
	SBE-G-62-150L	12070	8020	22,4	500	6780	18	636	63	3x800	4x800	1x800
	SBE-G-63-150L	13930	8690	28,3	500	6250	16	656	63	4x800	5x800	1x800
	SBE-G-64-150L	15770	11050	33,9	500	5820	15	670	63	4x800	5x800	1x800
	SBE-G-62-235	9870	5300	22,0	350	4620	10	302	57	2x1040	3x1040	1x1040
	SBE-G-63-235	11520	8140	27,6	350	4260	9	310	57	3x1040	4x1040	1x1040
	SBE-G-64-235	12750	9450	33,1	350	3950	8	316	57	3x1040	4x1040	1x1040
	SBE-G-62-240	12330	8610	25,6	400	5970	11	392	66	2x1040	3x1040	1x1040
	SBE-G-63-240	13720	10640	31,8	400	5530	10	396	66	3x1040	4x1040	1x1040
2x	SBE-G-64-240	15510	10750	38,4	400	5130	9	410	66	3x1040	4x1040	1x1040
	SBE-G-62-245	16450	11400	32,2	450	8460	13	636	67	3x1300	4x1300	1x1300
	SBE-G-63-245	18840	12100	40,2	450	7870	12	656	67	4x1300	5x1300	1x1300
	SBE-G-64-245	20980	13610	48,0	450	7340	11	676	67	4x1300	5x1300	1x1300
	SBE-G-62-250L	24720	17870	44,9	500	13540	19	1272	66	4x1600	5x1600	1x1600
	SBE-G-63-250L	28230	20200	55,9	500	12500	17	1312	66	5x1600	6x1600	1x1600
	SBE-G-64-250L	32500	21840	67,8	500	11620	16	1340	66	5x1600	6x1600	1x1600
	SBE-G-62-335	15020	10220	33,1	350	6920	10	453	59	2x1600	3x1600	1x1600
	SBE-G-63-335	17020	11200	41,3	350	6400	10	465	59	3x1600	4x1600	1x1600
	SBE-G-64-335	18760	13320	49,4	350	5920	9	474	59	3x1600	4x1600	1x1600
	SBE-G-62-340	18900	12090	38,6	400	8940	12	588	68	2x1600	3x1600	1x1600
	SBE-G-63-340	21500	15590	48,2	400	8280	11	594	68	3x1600	4x1600	1x1600
3x	SBE-G-64-340	23460	16770	57,9	400	7700	10	615	68	3x1600	4x1600	1x1600
	SBE-G-62-345	24000	17720	48,2	450	12700	14	954	69	3x1950	4x1600	1x1600
	SBE-G-63-345	28490	19980	60,3	450	11800	13	984	69	4x1950	5x1950	1x1950
	SBE-G-64-345	31980	21630	72,3	450	10990	12	1014	69	4x1950	5x1950	1x1950
	SBE-G-62-350L	37280	26710	67,8	500	18090	18	1908	68	4x2400	5x2400	1x2400
	SBE-G-63-350L	43920	30120	84,8	500	18720	18	1968	68	5x2400	6x2400	1x2400
	SBE-G-64-350L	47050	32590	101,7	500	17460	17	2010	68	5x2400	6x2400	1x2400
	SBE-G-62-440	24220	15050	51,4	400	11930	13	784	69	2x2090	3x2090	1x2090
	SBE-G-63-440	28470	18340	64,3	400	11040	12	792	69	3x2090	4x2090	1x2090
	SBE-G-64-440	31690	23590	77,2	400	10260	11	820	69	3x2090	4x2090	1x2090
	SBE-G-62-445	33420	24340	64,3	450	16910	15	1272	70	3x2400	4x2400	1x2400
4x	SBE-G-63-445	39260	27530	80,4	450	15710	14	1312	70	4x2400	5x2400	1x2400
	SBE-G-64-445	42710	14788	95,6	450	14680	13	1352	70	4x2400	5x2400	1x2400
	SBE-G-62-450L	49310	35500	89,8	500	27090	21	2544	69	4x3200	5x3200	1x3200
	SBE-G-63-450L	58910	40080	113,1	500	24950	20	2624	69	5x3200	6x3200	1x3200
	SBE-G-64-450L	64870	43520	135,7	500	23240	18	2680	69	5x3200	6x3200	1x3200

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBE-G-62-135	5,0	24	860	530	570	534	391	520	-	-	417	1/2"	1/2"	3/4" G
SBE-G-63-135	6,2	26	860	530	570	534	391	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-64-135	7,5	35	860	530	570	534	391	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-62-140	5,8	29	860	605	640	554	395	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-63-140	7,3	31	860	605	640	554	395	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-64-140	8,7	34	860	605	640	554	395	520	-	-	417	1"	1"	3/4" G
SBE-G-62-145	7,3	35	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-63-145	8,6	37	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-64-145	10,9	40	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-62-150L	9,6	46	1220	690	735	578	435	800	-	-	457	1"	1"	1" G
SBE-G-63-150L	12,8	51	1220	690	735	578	435	800	-	-	457	1"	1"	1" G
SBE-G-64-150L	15,3	53	1220	690	735	578	435	800	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-62-235	10,0	48	1380	530	570	534	391	1040	-	-	417	1"	1"	1" G
SBE-G-63-235	12,5	41	1380	530	570	534	391	1040	-	-	417	1"	1"	3/4" G
SBE-G-64-235	15,0	44	1380	530	570	534	391	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-62-240	11,2	46	1380	605	640	554	395	1040	-	-	417	1"	1"	3/4" G
SBE-G-63-240	13,3	50	1380	605	640	554	395	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-64-240	16,6	54	1380	605	640	554	395	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-62-245	14,5	56	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	3/4" G
SBE-G-63-245	18,2	60	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-64-245	20,8	66	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-62-250L	19,2	76	2020	690	735	578	435	1600	-	-	457	1 1/2"	1 1/2"	1" G
SBE-G-63-250L	23,0	82	2020	690	735	578	435	1600	-	-	457	1 1/2"	1 1/2"	1" G
SBE-G-64-250L	30,7	88	2020	690	735	578	435	1600	-	-	457	1 1/2"	1 1/2"	1" G
SBE-G-62-335	15,0	51	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-63-335	18,7	56	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-64-335	21,8	61	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-62-340	17,5	62	1900	605	640	554	395	1560	520	1040	417	1 1/4"	1 1/4"	1" G
SBE-G-63-340	21,8	68	1900	605	640	554	395	1560	520	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-64-340	26,2	74	1900	605	640	554	395	1560	520	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-62-345	21,8	77	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-63-345	27,3	84	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-64-345	32,7	91	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-62-350L	30,7	105	2820	690	735	578	435	2400	800	1600	457	2"	2"	1 1/4" G
SBE-G-63-350L	38,4	124	2820	690	735	578	435	2400	800	1600	457	2"	2"	1 1/4" G
SBE-G-64-350L	46,0	151	2820	690	735	638	495	2400	800	1600	517	2"	2"	1 1/4" G
SBE-G-62-440	23,3	79	2420	605	640	554	395	2080	1040	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-63-440	29,1	89	2420	605	640	554	395	2080	1040	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-64-440	34,9	93	2420	605	640	554	395	2080	1040	1040	417	2"	2"	1" G
SBE-G-62-445	29,1	108	2820	610	645	574	435	2400	1200	1200	457	2"	2"	1" G
SBE-G-63-445	36,4	111	2820	610	645	574	435	2400	1200	1200	457	2"	2"	1" G
SBE-G-64-445	40,5	116	2820	610	645	574	435	2400	1200	1200	457	1 1/2"	1 1/2"	1" G
SBE-G-62-450L	38,4	127	3620	610	645	574	435	3200	1600	1600	457	2"	2"	1 1/4" G
SBE-G-63-450L	51,2	156	3620	610	645	574	435	3200	1600	1600	457	2"	2"	1 1/4" G
SBE-G-64-450L	61,4	176	3620	610	645	574	435	3200	1600	1600	457	2"	2"	1 1/4" G

SBE-G Serisi Kübik Tip Su Glikol Oda Soğutucu / SBE-G Cubic Type Unit Cooler

Kapasite / Capacity

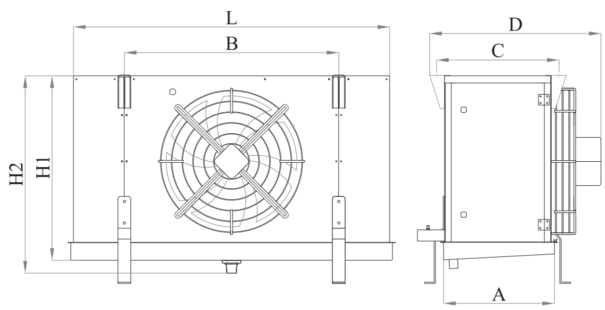
Lamel Aralığı / Fin Spacing **8,0 mm**

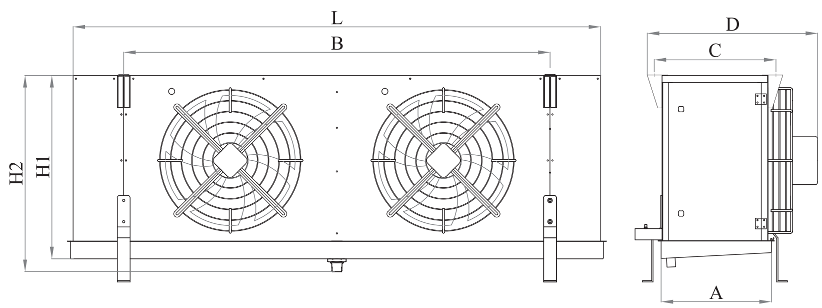
	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Isıtıcılar Electrical Defrost		
		SC10 Tr= 16°C Twi= 4°C Two= 8°C	SC11 Tr= 0°C Twi= -10°C Two= -7°C		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	HT Batarya Coil	LT Batarya Coil	LT Batarya Coil
		Watt	Watt	m²	mm	m³/h	m	Watt	db(A)	Watt	Watt	Watt
	SBE-G-82-135	4180	2620	8,3	350	2410	10	151	54	2x520	3x520	1x520
	SBE-G-83-135	5020	3200	10,3	350	2250	9	155	54	2x520	3x520	1x520
	SBE-G-84-135	5670	3650	12,4	350	2100	8	155	54	3x520	4x520	1x520
	SBE-G-82-140	5330	3280	9,6	400	3130	11	193	63	2x520	3x520	1x520
	SBE-G-83-140	6350	3930	12,1	400	2900	10	198	63	3x520	4x520	1x520
1x	SBE-G-84-140	6930	5080	14,5	400	2730	9	198	63	3x520	4x520	1x520
	SBE-G-82-145	7330	4950	12,1	450	4390	13	315	64	3x650	4x650	1x650
	SBE-G-83-145	8120	5850	15,0	450	4130	12	321	64	3x650	4x650	1x650
	SBE-G-84-145	9460	6070	18,1	450	3880	11	328	64	4x650	5x650	1x650
	SBE-G-82-150L	10750	6750	16,8	500	7100	19	610	63	3x800	4x800	1x800
	SBE-G-83-150L	12550	8980	21,2	500	6580	17	620	63	4x800	5x800	1x800
	SBE-G-84-150L	14340	9770	25,4	500	6150	16	632	63	4x800	5x800	1x800
	SBE-G-82-235	8780	4850	16,5	350	4820	10	302	54	2x1040	3x1040	1x1040
	SBE-G-83-235	10400	7130	20,7	350	4490	9	310	54	3x1040	4x1040	1x1040
	SBE-G-84-235	11670	8520	24,8	350	4190	9	310	54	3x1040	4x1040	1x1040
	SBE-G-82-240	10520	7410	19,2	400	6280	12	386	63	2x1040	3x1040	1x1040
	SBE-G-83-240	12330	9410	23,9	400	5810	11	396	63	3x1040	4x1040	1x1040
2x	SBE-G-84-240	14140	10040	28,8	400	5440	10	396	63	3x1040	4x1040	1x1040
	SBE-G-82-245	14580	9730	24,1	450	8770	14	630	64	3x1300	4x1300	1x1300
	SBE-G-83-245	16950	7820	30,1	450	8250	13	642	64	4x1300	5x1300	1x1300
	SBE-G-84-245	19060	13360	36,0	450	7750	12	656	64	4x1300	5x1300	1x1300
	SBE-G-82-250L	22000	15540	33,7	500	14180	20	1220	63	4x1600	5x1600	1x1600
	SBE-G-83-250L	25360	17730	41,9	500	13170	18	1240	63	5x1600	6x1600	1x1600
	SBE-G-84-250L	22000	19270	50,9	500	14180	20	1264	63	5x1600	6x1600	1x1600
	SBE-G-82-335	13380	8660	24,8	350	7230	11	453	54	2x1600	3x1600	1x1600
	SBE-G-83-335	15530	11000	31,0	350	6730	10	465	54	3x1600	4x1600	1x1600
	SBE-G-84-335	17190	11890	37,1	350	6290	9	465	54	3x1600	4x1600	1x1600
	SBE-G-82-340	16850	12130	28,9	400	9360	12	579	63	2x1600	3x1600	1x1600
	SBE-G-83-340	19370	13750	36,2	400	8700	11	594	63	3x1600	4x1600	1x1600
3x	SBE-G-84-340	21420	14970	43,4	400	8150	11	594	63	3x1600	4x1600	1x1600
	SBE-G-82-345	21290	15310	36,2	450	13170	14	945	64	3x1950	4x1600	1x1600
	SBE-G-83-345	25630	17430	45,2	450	12380	14	963	64	4x1950	5x1950	1x1950
	SBE-G-84-345	29120	19050	54,2	450	11620	13	984	64	4x1950	5x1950	1x1950
	SBE-G-82-350L	33250	23210	50,9	500	21280	21	1830	63	4x2400	5x2400	1x2400
	SBE-G-83-350L	39580	26380	63,6	500	19730	19	1860	63	5x2400	6x2400	1x2400
	SBE-G-84-350L	42810	28710	76,3	500	18450	18	1896	63	5x2400	6x2400	1x2400
	SBE-G-82-440	21600	10070	38,6	400	12510	13	772	63	2x2090	3x2090	1x2090
	SBE-G-83-440	25650	15890	48,2	400	11610	12	792	63	3x2090	4x2090	1x2090
	SBE-G-84-440	28970	21220	57,9	400	10870	11	792	63	3x2090	4x2090	1x2090
	SBE-G-82-445	29640	21120	48,2	450	17540	15	1260	64	3x2400	4x2400	1x2400
4x	SBE-G-83-445	35310	24200	60,3	450	16490	14	1284	64	4x2400	5x2400	1x2400
	SBE-G-84-445	38790	14788	71,7	450	15490	14	1312	64	4x2400	5x2400	1x2400
	SBE-G-82-450L	43900	30850	67,3	500	28380	22	2440	63	4x3200	5x3200	1x3200
	SBE-G-83-450L	53100	35110	84,8	500	26310	21	2480	63	5x3200	6x3200	1x3200
	SBE-G-84-450L	59020	38440	101,7	500	24570	19	2528	63	5x3200	6x3200	1x3200

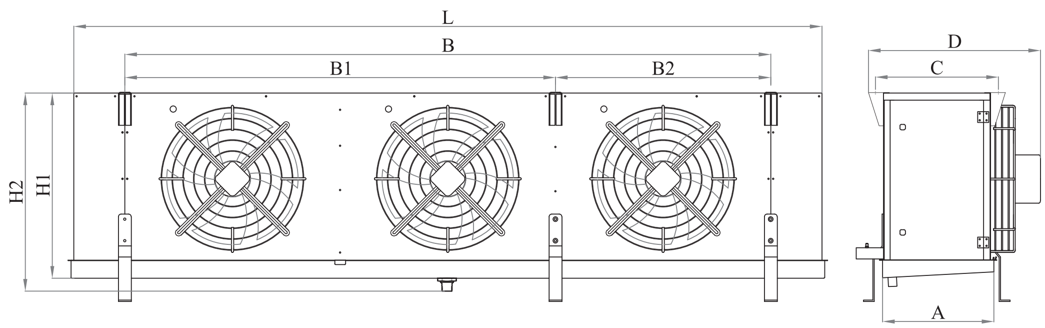
Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

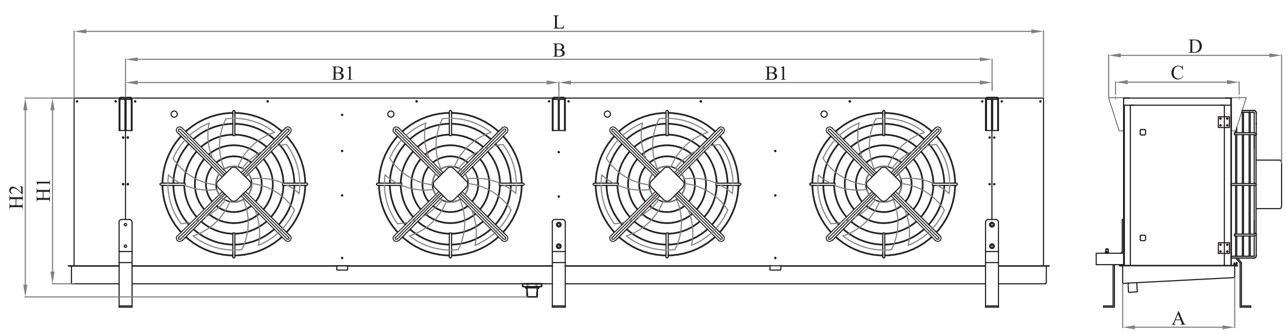
MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBE-G-82-135	5,0	23	860	530	570	534	391	520	-	-	417	1/2"	1/2"	3/4" G
SBE-G-83-135	6,2	25	860	530	570	534	391	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-84-135	7,5	27	860	530	570	534	391	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-82-140	5,8	29	860	605	640	554	395	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-83-140	7,3	31	860	605	640	554	395	520	-	-	417	3/4"	3/4"	3/4" G
SBE-G-84-140	8,7	34	860	605	640	554	395	520	-	-	417	1"	1"	3/4" G
SBE-G-82-145	7,3	34	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-83-145	8,6	36	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-84-145	10,9	39	1070	610	645	574	435	650	-	-	457	1"	1"	3/4" G
SBE-G-82-150L	9,6	45	1220	690	735	578	435	800	-	-	457	1"	1"	1" G
SBE-G-83-150L	12,8	51	1220	690	735	578	435	800	-	-	457	1"	1"	1" G
SBE-G-84-150L	15,3	51	1220	690	735	578	435	800	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-82-235	10,0	36	1380	530	570	534	391	1040	-	-	417	1"	1"	1" G
SBE-G-83-235	12,5	40	1380	530	570	534	391	1040	-	-	417	1"	1"	3/4" G
SBE-G-84-235	15,0	43	1380	530	570	534	391	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-82-240	11,2	44	1380	605	640	554	395	1040	-	-	417	1"	1"	3/4" G
SBE-G-83-240	13,3	48	1380	605	640	554	395	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-84-240	16,6	52	1380	605	640	554	395	1040	-	-	417	1 1/4"	1 1/4"	3/4" G
SBE-G-82-245	14,5	54	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	3/4" G
SBE-G-83-245	18,2	59	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-84-245	20,8	64	1720	610	645	574	435	1300	-	-	457	1 1/4"	1 1/4"	1" G
SBE-G-82-250L	19,2	85	2020	690	735	578	435	1600	-	-	457	1 1/2"	1 1/2"	1" G
SBE-G-83-250L	23,0	85	2020	690	735	578	435	1600	-	-	457	1 1/2"	1 1/2"	1" G
SBE-G-84-250L	30,7	85	2020	690	735	578	435	1600	-	-	457	1 1/2"	1 1/2"	1" G
SBE-G-82-335	15,0	50	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-83-335	18,7	54	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-84-335	21,8	59	1900	530	570	534	391	1560	520	1040	417	1 1/4"	1 1/4"	3/4" G
SBE-G-82-340	17,5	60	1900	605	640	554	395	1560	520	1040	417	1 1/4"	1 1/4"	1" G
SBE-G-83-340	21,8	66	1900	605	640	554	395	1560	520	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-84-340	26,2	71	1900	605	640	554	395	1560	520	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-82-345	21,8	75	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-83-345	27,3	88	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-84-345	32,7	88	2370	610	645	574	435	1950	650	1300	457	1 1/2"	1 1/2"	1" G
SBE-G-82-350L	30,7	120	2820	690	735	578	435	2400	800	1600	457	2"	2"	1 1/4" G
SBE-G-83-350L	38,4	120	2820	690	735	578	435	2400	800	1600	457	2"	2"	1 1/4" G
SBE-G-84-350L	46,0	120	2820	690	735	638	495	2400	800	1600	517	2"	2"	1 1/4" G
SBE-G-82-440	23,3	76	2420	605	640	554	395	2080	1040	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-83-440	29,1	76	2420	605	640	554	395	2080	1040	1040	417	1 1/2"	1 1/2"	1" G
SBE-G-84-440	34,9	90	2420	605	640	554	395	2080	1040	1040	417	2"	2"	1" G
SBE-G-82-445	29,1	101	2820	610	645	574	435	2400	1200	1200	457	2"	2"	1" G
SBE-G-83-445	36,4	107	2820	610	645	574	435	2400	1200	1200	457	2"	2"	1" G
SBE-G-84-445	40,5	113	2820	610	645	574	435	2400	1200	1200	457	1 1/2"	1 1/2"	1" G
SBE-G-82-450L	38,4	123	3620	610	645	574	435	3200	1600	1600	457	2"	2"	1 1/4" G
SBE-G-83-450L	51,2	150	3620	610	645	574	435	3200	1600	1600	457	2"	2"	1 1/4" G
SBE-G-84-450L	61,4	170	3620	610	645	574	435	3200	1600	1600	457	2"	2"	1 1/4" G

Teknik Çizim / Technical Drawing









Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2", Ø5/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 4 - 6 - 8 mm'dir,
• Giriş – çıkış kolektör malzemesi çeliktir,
• İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
• Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
• Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
• Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
• Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
• Sulu defrost

Kapasite
• Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak SC10 - SC11 şartlarında %30 glikol için hesaplanmıştır,
• Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr, su giriş sıcaklığı ve su debisine bağlı olarak değişir,

Seçenekler
• Farklı dış kabin rengi,
• Farklı boru et kalınlığı ve hatve,
• Trifaze 400V 3~ 50Hz fan
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Bataryada ve tavada sıcak gaz defrost,
• Yalıtım tavası,
• Paslanmaz çelik kabin,
• Bakır kollektör
• Epoxy boya,
• Fan kablo rezistansı,
• Drenaj hattı kablo rezistans

Coil
• Copper tubes Ø1/2",Ø5/8",
• Fins made of aluminium,
• Fin spacing is 4 - 6 -8 mm,
• Header inlet and outlet tube connections made of steel,
• Admissible pressure Ps=24 Bar.

Casing
• Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
• Low-noise axial fans with maintenance free motors,

• Protection class IP44/54, Single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,
• At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
• The sound pressure levels are calculated according to EN 13487.

Defrosting
• Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
• Hot gas defrosts without tubing inside of coil and drip try, without non-return valve,
•Water defrost

Capacity
• The nominal capacities calculated according to Eurovent (EN 328) standards that refer to SC10 - SC11 conditions and are valid for 30% glycol,
• The cooling capacity depends on the room temperature, water inlet temperature and water mass flow rate,

Options
• Different casing color,
• Other tube wall thicknesses and fin spacing on request,
• Three phase 400V 3~ 50Hz fan
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Hot gas defrost in coil and drip tray,
• Insulated drip tray,
• Casing made of stainless steel,
• Copper header,
• Epoxy resin coated aluminium fins,
• Fan cable heaters,
• Drain line cable heater

3,4 - 75,9 kW

SBT-G Discharge Water Glycol Cooler

SBE-G Çift Üflemeli Su-Glikol Soğutucu

SBT-G Series

SARBUZ SBT-G Serisi Çift Üflemeli Su-Glikol soğutucular, müşterinin ihtiyaçları doğrultusunda Ø350, Ø400, Ø450 ve Ø500fanlı olarak tasarlanmaktadır.

SARBUZ SBT-G Series Discharge Water-Glycol Cooler Coolers, are designed with Ø350, Ø400, Ø450 and Ø500 fan diameters, according to costumers' needs.

SBT-G

Ürün Kodlama
Product Classification

SBT-G-84-245-AD

Çift Üflemeli Su Glikol Soğutucu Discharge Water Glycol Cooler	SBT-G-
Hatve Fin Spacing	8
Batarya Kodu Coil Code	4-
Fan 2 ad. x Ø 450mm. Fans 2 pcs. x Ø 450mm.	245-
Hava ile defrost veya rezistanssız Air defrost or without heaters	AD
Yüksek sıcaklık için rezistans (T_r = +5/-2) Electric defrost for high temperature	HT
Düşük sıcaklık için rezistans (T_r = -2/-25) Electric defrost for low temperature	LT
Su ile defrost Water defrost	WD

SBT-G Serisi Çift Üflemeli Su Glikol Soğutucu / SBT-G Discharge Water Glycol Cooler

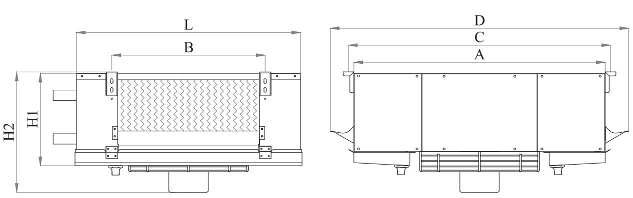
Kapasite / Capacity

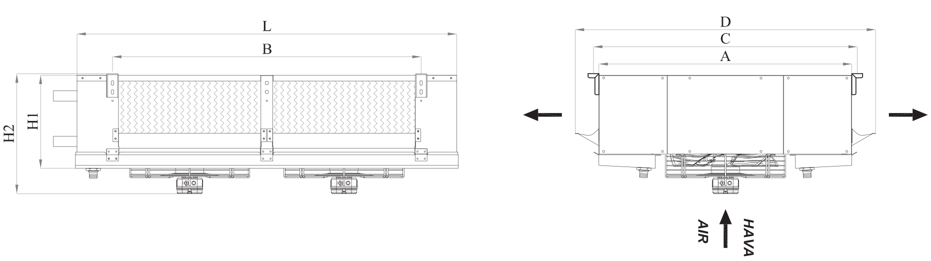
Lamel Aralığı / Fin Spacing **4,0 mm**

	MODEL	Kapasite Capacity SC10 Tr= 16°C Twi= 4°C Two= 8°C	Kapasite Capacity SC11 Tr= 0°C Twi= -10°C Two= -7°C	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	FAN Hava Debisi Air Flow	FAN Hava Atım Mesafesi Air Throw	FAN Elektrik Gücü Power Input	FAN Ses Basınç Seviyesi Sound Pressure Level 3m	Isıtıcılar Electrical Defrost HT Batarya Coil	Isıtıcılar Electrical Defrost LT Batarya Coil	Isıtıcılar Electrical Defrost LT Tava Drip Tray
		Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)	Watt	Watt	Watt
1x	SBT-G-42-135	7120	4910	21,2	350	2620	2x6	155	46	2 x 520	-	-
1x	SBT-G-44-140	9900	5330	31,8	400	2561	2x5	210	55	4 x 520	-	-
1x	SBT-G-44-145	12710	7380	39,7	450	3669	2x6	343	56	4 x 650	-	-
1x	SBT-G-44-150	24970	17820	76,4	500	6928	2x8	675	55	6 x 1000	-	-
2x	SBT-G-42-235	14160	9060	42,4	350	4939	2x6	310	46	2 x 1040	-	-
2x	SBT-G-44-240	19730	14890	63,5	400	5122	2x5	420	55	4 x 1040	-	-
2x	SBT-G-44-245	26350	19080	79,4	450	7329	2x6	686	56	4 x 1300	-	-
2x	SBT-G-44-250	50870	38100	152,7	500	13856	2x8	1350	55	6 x 2000		
3x	SBT-G-42-335	22320	16940	63,5	350	7399	2x6	465	46	2 x 1600	-	-
3x	SBT-G-44-340	29550	20130	95,3	400	7684	2x5	630	55	4 x 1600	-	-
3x	SBT-G-44-345	39970	29870	119,1	450	10980	2x7	1029	56	4 x 1950	-	-
3x	SBT-G-44-350	75910	56980	227,8	500	20785	2x9	2025	55	6 x 3000		
4x	SBT-G-42-435	29000	21100	84,3	350	9879	2x7	620	46	2 x 2090	-	-
4x	SBT-G-44-440	39370	29620	127,0	400	10245	2x6	840	55	4 x 2090	-	-
4x	SBT-G-44-445	52560	37900	158,8	450	14659	2x7	1372	56	4 x 2600	-	-
4x	SBT-G-44-450	101560	75880	305,4	500	27713	2x9	2700	55	6 x 3240	-	-

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing



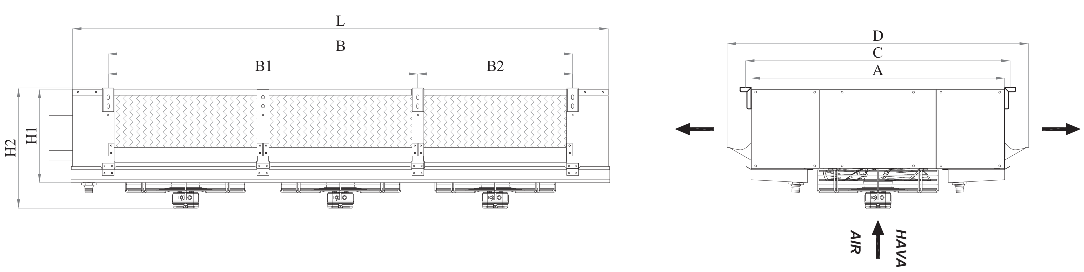


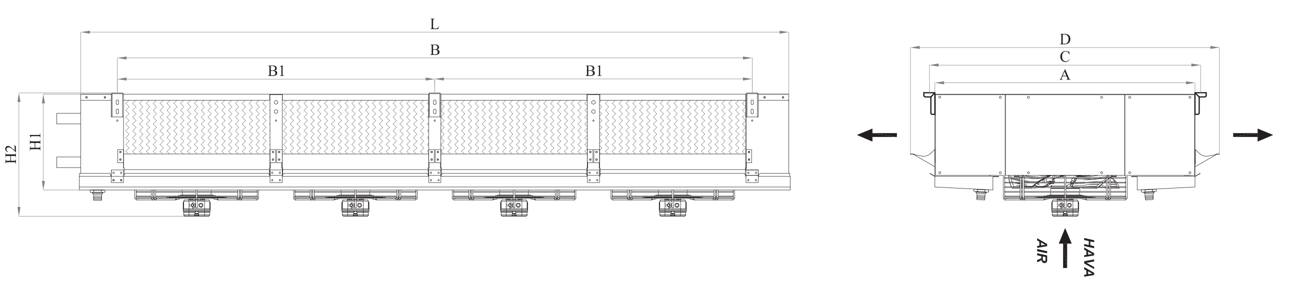
Ölçüler / Measures

MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBT-G-42-135	6,6	30	760	315	350	1010	850	520	-	-	882	3/4"	3/4"	2 x 3/4" G
SBT-G-44-140	10,0	53	800	380	415	1360	1200	520	-	-	1232	1"	1"	2 x 3/4" G
SBT-G-44-145	12,5	64	930	380	415	1370	1200	650	-	-	1232	1"	1"	2 x 3/4" G
SBT-G-44-150	24,0	104	1280	465	510	1460	1280	1000	-	-	1312	1 1/2"	1 1/2"	2 x 1" G
SBT-G-42-235	13,3	53	1280	315	350	1010	850	1040	-	-	882	1"	1"	2 x 3/4" G
SBT-G-44-240	19,9	92	1320	380	415	1360	1200	1040	-	-	1232	1 1/4"	1 1/4"	2 x 3/4" G
SBT-G-44-245	24,9	113	1580	380	415	1370	1200	1300	-	-	1232	1 1/2"	1 1/2"	2 x 1" G
SBT-G-44-250	48,0	190	2280	465	510	1460	1280	2000	-	-	1312	2"	2"	2 x 1" G
SBT-G-42-335	19,9	73	1800	315	350	1010	850	1560	1040	520	882	1 1/2"	1 1/2"	2 x 3/4" G
SBT-G-44-340	29,9	128	1840	380	415	1360	1200	1560	1040	520	1232	1 1/2"	1 1/2"	2 x 1" G
SBT-G-44-345	37,4	162	2230	380	415	1370	1200	1950	1300	650	1232	2"	2"	2 x 1" G
SBT-G-44-350	67,1	276	3280	465	510	1460	1280	3000	2000	1000	1312	2 1/2"	2 1/2"	2 x 1" G
SBT-G-42-435	24,9	97	2320	315	350	1010	850	2080	1040	1040	882	1 1/2"	1 1/2"	2 x 1" G
SBT-G-44-440	39,9	164	2360	380	415	1360	1200	2080	1040	1040	1232	2"	2"	2 x 1" G
SBT-G-44-445	49,9	197	2880	380	415	1370	1200	2600	1300	1300	1232	2"	2"	2 x 1" G
SBT-G-44-450	95,9	338	4280	465	510	1460	1280	4000	2000	2000	1312	2 1/2"	2 1/2"	2x1 1/4" G

SBT-G

Teknik Çizim / Technical Drawing





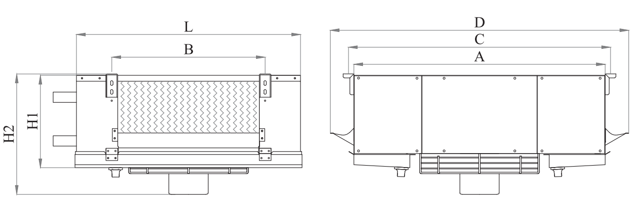
Kapasite / Capacity

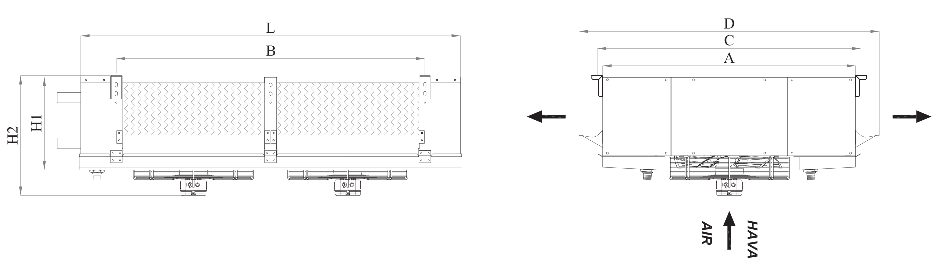
Lamel Aralığı / Fin Spacing **6,0 mm**

	MODEL	Kapasite Capacity SC10 (Tr= 16°C, Twi= 4°C, Two= 8°C)	Kapasite Capacity SC11 (Tr= 0°C, Twi= -10°C, Two= -7°C)	Isı Transfer Yüzeyi Heat Transfer Surface	FAN Çap Diameter	FAN Hava Debisi Air Flow	FAN Hava Atım Mesafesi Air Throw	FAN Elektrik Gücü Power Input	FAN Ses Basınç Seviyesi Sound Pressure Level 3m	Isıtıcılar Electrical Defrost HT Batarya Coil	Isıtıcılar Electrical Defrost LT Batarya Coil	Isıtıcılar Electrical Defrost LT Tava Drip Tray
		Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)	Watt	Watt	Watt
1x	SBT-G-62-135	6030	3700	14,7	350	2607	2x6	155	46	2 x 520	2 x 520	2 x 520
1x	SBT-G-64-140	8820	6390	22,0	400	2778	2x5	210	55	4 x 520	4 x 520	2 x 520
1x	SBT-G-64-145	11220	6740	27,6	450	3965	2x6	343	56	4 x 650	4 x 650	2 x 650
1x	SBT-G-64-150	21870	15130	53,0	500	7374	2x8	675	55	6 x 1000	6 x 1000	2 x 1000
2x	SBT-G-62-235	11990	6600	29,4	350	5213	2x6	310	46	2 x 1040	2 x 1040	2 x 1040
2x	SBT-G-64-240	17570	13070	44,1	400	5556	2x5	420	55	4 x 1040	4 x 1040	2 x 1040
2x	SBT-G-64-245	23280	16470	55,1	450	7921	2x6	686	56	4 x 1300	4 x 1300	2 x 1300
2x	SBT-G-64-250	44540	32860	106,0	500	14731	2x8	1350	55	6 x 2000	6 x 2000	2 x 2000
3x	SBT-G-62-335	18920	14130	44,1	350	7810	2x6	465	46	2 x 1600	2 x 1600	2 x 1600
3x	SBT-G-64-340	26310	19520	66,1	400	8334	2x5	630	55	4 x 1600	4 x 1600	2 x 1600
3x	SBT-G-64-345	35350	25980	82,7	450	11881	2x7	1029	56	4 x 1950	4 x 1950	2 x 1950
3x	SBT-G-64-350	66370	49100	159,0	500	22121	2x9	2025	55	6 x 3000	6 x 3000	2 x 3000
4x	SBT-G-62-435	24510	17370	58,4	350	10413	2x7	620	46	2 x 2090	2 x 2080	2 x 2080
4x	SBT-G-64-440	35050	25970	88,2	400	11112	2x6	840	55	4 x 2090	4 x 2080	2 x 2080
4x	SBT-G-64-445	46440	32680	110,2	450	15841	2x7	1372	56	4 x 2600	4 x 2600	2 x 2600
4x	SBT-G-64-450	88920	65440	212,0	500	29463	2x9	2700	55	6 x 3240	6 x 3240	2 x 3240

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing



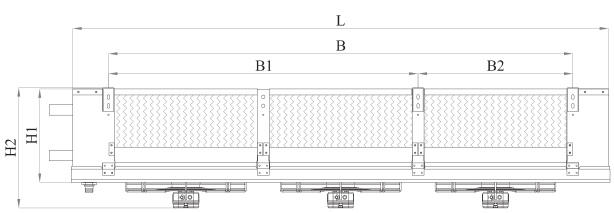


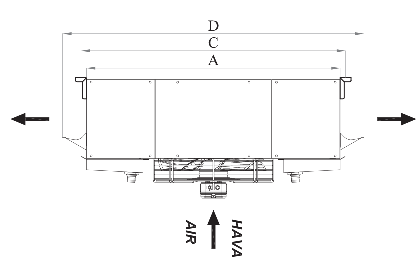
Ölçüler / Measures

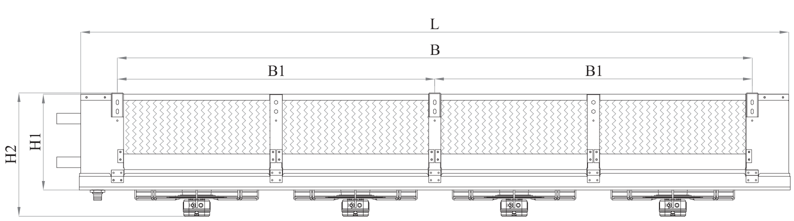
MODEL	Ölçüler Dimensions											Bağlantılar Connections		
												Soğutucu Gaz Refrigerant		Drenaj Drain
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Giriş Inlet	Çıkış Outlet	Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBT-G-62-135	6,6	30	760	315	350	1010	850	520	-	-	882	3/4”	3/4”	2 x 3/4” G
SBT-G-64-140	10,0	50	800	380	415	1360	1200	520	-	-	1232	1”	1”	2 x 3/4” G
SBT-G-64-145	12,5	60	930	380	415	1370	1200	650	-	-	1232	1”	1”	2 x 3/4” G
SBT-G-64-150	24,0	96	1280	465	510	1460	1280	1000	-	-	1312	1 1/2”	1 1/2”	2 x 1” G
SBT-G-62-235	13,3	50	1280	315	350	1010	850	1040	-	-	882	1”	1”	2 x 3/4” G
SBT-G-64-240	19,9	86	1320	380	415	1360	1200	1040	-	-	1232	1 1/4”	1 1/4”	2 x 3/4” G
SBT-G-64-245	24,9	105	1580	380	415	1370	1200	1300	-	-	1232	1 1/2”	1 1/2”	2 x 1” G
SBT-G-64-250	48,0	175	2280	465	510	1460	1280	2000	-	-	1312	2”	2”	2 x 1” G
SBT-G-62-335	19,9	70	1800	315	350	1010	850	1560	1040	520	882	1 1/2”	1 1/2”	2 x 3/4” G
SBT-G-64-340	29,9	120	1840	380	415	1360	1200	1560	1040	520	1232	1 1/2”	1 1/2”	2 x 1” G
SBT-G-64-345	37,4	150	2230	380	415	1370	1200	1950	1300	650	1232	2”	2”	2 x 1” G
SBT-G-64-350	67,1	254	3280	465	510	1460	1280	3000	2000	1000	1312	2 1/2”	2 1/2”	2 x 1” G
SBT-G-62-435	24,9	92	2320	315	350	1010	850	2080	1040	1040	882	1 1/2”	1 1/2”	2 x 1” G
SBT-G-64-440	39,9	152	2360	380	415	1360	1200	2080	1040	1040	1232	2”	2”	2 x 1” G
SBT-G-64-445	49,9	182	2880	380	415	1370	1200	2600	1300	1300	1232	2”	2”	2 x 1” G
SBT-G-64-450	95,9	310	4280	465	510	1460	1280	4000	2000	2000	1312	2 1/2”	2 1/2”	2x1 1/4” G

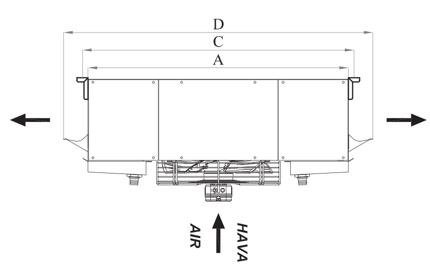
SBT-G

Teknik Çizim / Technical Drawing









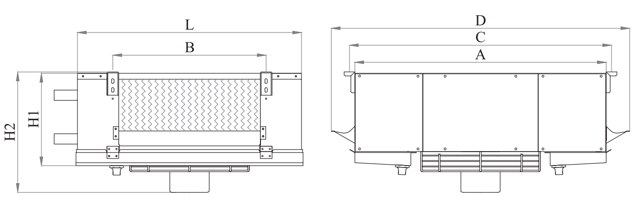
Kapasite / Capacity

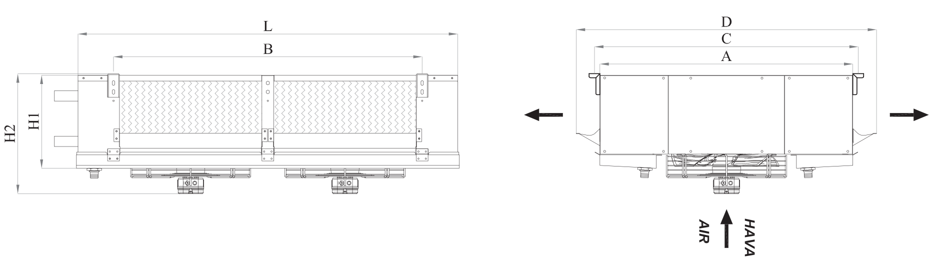
Lamel Aralığı / Fin Spacing **8,0 mm**

	MODEL	Kapasite Capacity		Isı Transfer Yüzeyi Heat Transfer Surface	FAN					Isıtıcılar Electrical Defrost		
		SC10 Tr= 16°C Twi= 4°C Two= 8°C	SC11 Tr= 0°C Twi= -10°C Two= -7°C		Çap Diameter	Hava Debisi Air Flow	Hava Atım Mesafesi Air Throw	Elektrik Gücü Power Input	Ses Basınç Seviyesi Sound Pressure Level 3m	HT Batarya Coil	LT Batarya Coil	LT Tava Drip Tray
		Watt	Watt	m^2	mm	m^3/h	m	Watt	db(A)	Watt	Watt	Watt
1x	SBT-G-82-135	5330	3400	11,5	350	2688	2x6	155	46	2 x 520	2 x 520	2 x 520
1x	SBT-G-84-140	8020	5910	17,2	400	2920	2x5	210	55	4 x 520	4 x 520	2 x 520
1x	SBT-G-84-145	10170	6240	21,5	450	4159	2x7	343	56	4 x 650	4 x 650	2 x 650
1x	SBT-G-84-150	19730	13140	41,3	500	7655	2x9	675	55	6 x 1000	6 x 1000	2 x 1000
2x	SBT-G-82-235	10600	6030	22,9	350	5376	2x6	310	46	2 x 1040	2 x 1040	2 x 1040
2x	SBT-G-84-240	16000	11700	34,4	400	5845	2x6	420	55	4 x 1040	4 x 1040	2 x 1040
2x	SBT-G-84-245	21120	14540	43,0	450	8308	2x7	686	56	4 x 1300	4 x 1300	2 x 1300
2x	SBT-G-84-250	40220	29160	82,6	500	15310	2x9	1350	55	6 x 2000	6 x 2000	2 x 2000
3x	SBT-G-82-335	16730	12270	34,4	350	8054	2x7	465	46	2 x 1600	2 x 1600	2 x 1600
3x	SBT-G-84-340	23960	17480	51,6	400	8768	2x6	630	55	4 x 1600	4 x 1600	2 x 1600
3x	SBT-G-84-345	32080	23160	64,5	450	12463	2x7	1029	56	4 x 1950	4 x 1950	2 x 1950
3x	SBT-G-84-350	61550	31890	122,7	500	22941	2x10	2025	55	6 x 3000	6 x 3000	2 x 3000
4x	SBT-G-82-435	21650	14850	45,4	350	10752	2x7	620	46	2 x 2090	2 x 2080	2 x 2080
4x	SBT-G-84-440	31920	23250	68,7	400	11690	2x7	840	55	4 x 2090	4 x 2080	2 x 2080
4x	SBT-G-84-445	42130	28790	85,9	450	16617	2x8	1372	56	4 x 2600	4 x 2600	2 x 2600
4x	SBT-G-84-450	80300	58050	165,3	500	26869	2x10	2700	55	6 x 3240	6 x 3240	2 x 3240

Not: Yukarıda belirtilen kapasiteler 50 Hz elektrik beslemesine göredir. 60 Hz olması durumunda kapasiteler için, satış ekibimizle iletişime geçebilirsiniz.
The given capacities are mentioned above, according to 50 Hz power supply. In case of 60 Hz, please contact with our sales team for capacities.

Teknik Çizim / Technical Drawing

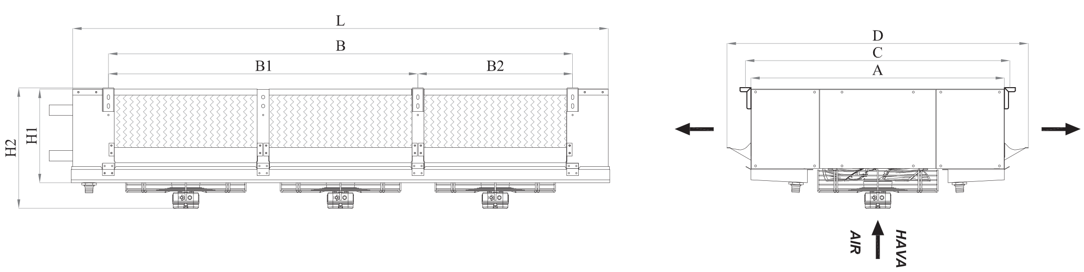


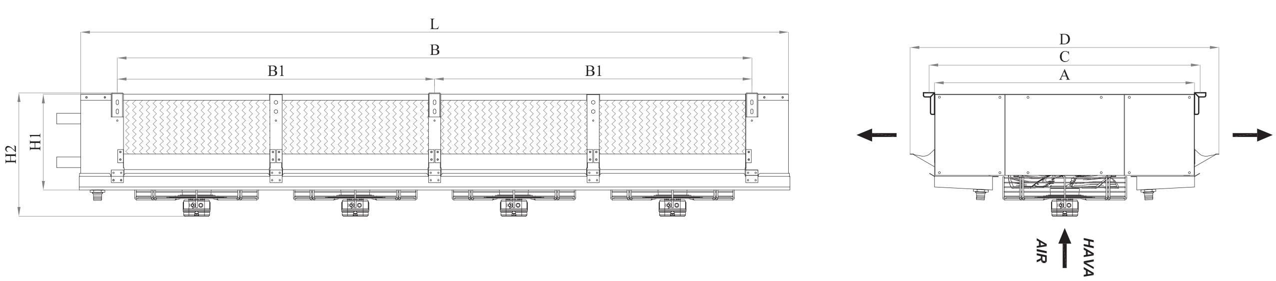


MODEL	Boru Hacmi Tube Volume	Ağırlık Weight	L	H1	H2	D	A	B	B1	B2	C	Bağlantılar Connections – Soğutucu Gaz Refrigerant – Giriş Inlet	Çıkış Outlet	Drenaj Drain – Çıkış Out
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch	Inch
SBT-G-82-135	6,6	29	760	315	350	1010	850	520	-	-	882	3/4″	3/4″	2 x 3/4″G
SBT-G-84-140	10,0	50	800	380	415	1360	1200	520	-	-	1232	1″	1″	2 x 3/4″G
SBT-G-84-145	12,5	57	930	380	415	1370	1200	650	-	-	1232	1″	1″	2 x 3/4″G
SBT-G-84-150	24,0	91	1280	465	510	1460	1280	1000	-	-	1312	1 1/2″	1 1/2″	2 x 1″G
SBT-G-82-235	13,3	50	1280	315	350	1010	850	1040	-	-	882	1″	1″	2 x 3/4″G
SBT-G-84-240	19,9	85	1320	380	415	1360	1200	1040	-	-	1232	1 1/4″	1 1/4″	2 x 3/4″G
SBT-G-84-245	24,9	104	1580	380	415	1370	1200	1300	-	-	1232	1 1/2″	1 1/2″	2 x 1″G
SBT-G-84-250	48,0	172	2280	465	510	1460	1280	2000	-	-	1312	2″	2″	2 x 1″G
SBT-G-82-335	19,9	70	1800	315	350	1010	850	1560	1040	520	882	1 1/2″	1 1/2″	2 x 3/4″G
SBT-G-84-340	29,9	120	1840	380	415	1360	1200	1560	1040	520	1232	1 1/2″	1 1/2″	2 x 1″G
SBT-G-84-345	37,4	148	2230	380	415	1370	1200	1950	1300	650	1232	2″	2″	2 x 1″G
SBT-G-84-350	67,1	249	3280	465	510	1460	1280	3000	2000	1000	1312	2 1/2″	2 1/2″	2 x 1″G
SBT-G-82-435	24,9	91	2320	315	350	1010	850	2080	1040	1040	882	1 1/2″	1 1/2″	2 x 1″G
SBT-G-84-440	39,9	150	2360	380	415	1360	1200	2080	1040	1040	1232	2″	2″	2 x 1″G
SBT-G-84-445	49,9	179	2880	380	415	1370	1200	2600	1300	1300	1232	2″	2″	2 x 1″G
SBT-G-84-450	95,9	304	4280	465	510	1460	1280	4000	2000	2000	1312	2 1/2″	2 1/2″	2x1 1/4″G

SBT-G

Teknik Çizim / Technical Drawing





Genel Özellikler / Specifications

Batarya
- Bakır borular Ø1/2", Ø5/8",
- Fin malzemesi alüminyumdur,
- Lamel arası 4 - 6 - 8 mm'dir,
- Giriş – çıkış kolektör malzemesi çeliktir,
- İzin verilen en yüksek çalışma basıncı Ps=24 Bar.

Kasetleme
- Galvaniz çelik üzerine RAL-7035 (açık gri) boyalıdır

Fan
- Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
- Koruma sınıfı IP44/54, Monofaze 230V 1~ 50Hz,
- Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
- Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
- Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,
- Düşük sıcaklıklarda ve hava direncinin değişmesi durumunda fanların çektikleri elektrik gücü artar.

Ses Özellikleri
- Ses seviyeleri EN 13487'ye göre hesaplanmıştır.

Defrost
- Kullanılan sıcaklığa bağlı olarak (+2°C/-5°C) HT veya (-2°C/-25°C) LT tip elektrikli defrost seçeneği bulunmaktadır,
- Sıcak gaz defrost hazırlığı (batarya ve tava kısmında sıcak gaz defrost borulaması opsiyoneldir),
- Sulu defrost

Kapasite
- Nominal kapasiteler Eurovent (EN 328) standartları dikkate alınarak SC10 - SC11 şartlarında %30 glikol için hesaplanmıştır,
- Ürünlerin soğutma kapasiteleri oda sıcaklığı Tr, su giriş sıcaklığı ve su debisine bağlı olarak değişir,

Seçenekler
- Farklı dış kabin rengi,
- Farklı boru et kalınlığı ve hatve,
- Trifaze 400V 3~ 50Hz fan
- Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçin.

Notlar
- Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
- Bataryada ve tavada sıcak gaz defrost,
- Yalıtım tavası,
- Paslanmaz çelik kabin,
- Bakır kollektör
- Epoxy boya,
- Fan kablo rezistansı,
- Drenaj hattı kablo rezistans

Coil
- Copper tubes Ø1/2",Ø5/8",
- Fins made of aluminium,
- Fin spacing is 4 - 6 -8 mm,
- Header inlet and outlet tube connections made of steel,
- Admissible pressure Ps=24 Bar.

Casing
- Galvanized steel sheet painted to RAL-7035 (light grey)

Fans
- Low-noise axial fans with maintenance free motors,
- Protection class IP44/54, Single phase 230V 1~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,
- At low ambient temperatures and different air resistance the power consumption will increase.

Sound Specifications
- The sound pressure levels are calculated according to EN 13487.

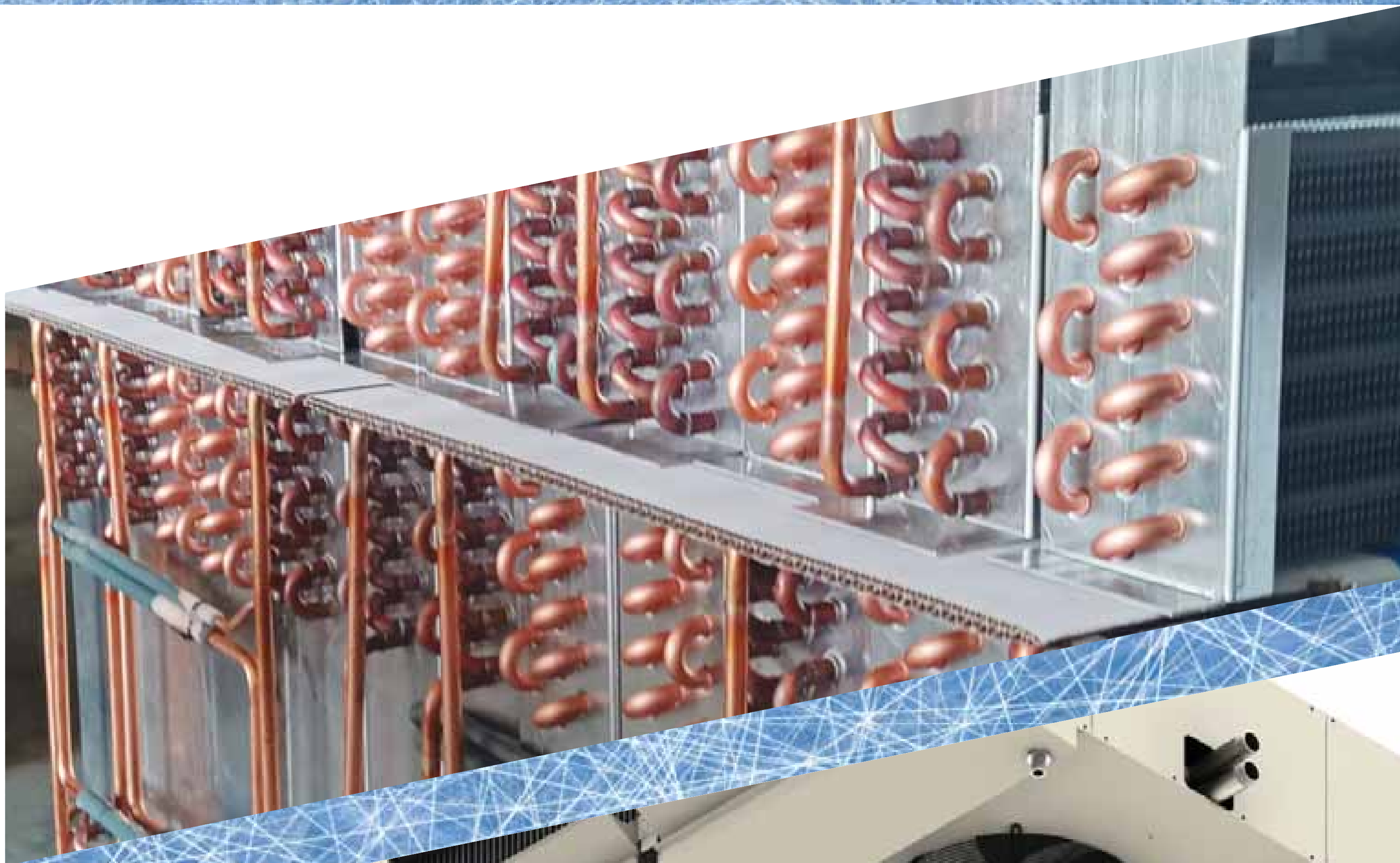
Defrosting
- Electrical defrost as HT for (+2°C/-5°C) or LT for (-2°C/-25°C) as optional,
- Hot gas defrosts without tubing inside of coil and drip try, without non-return valve,
- Water defrost

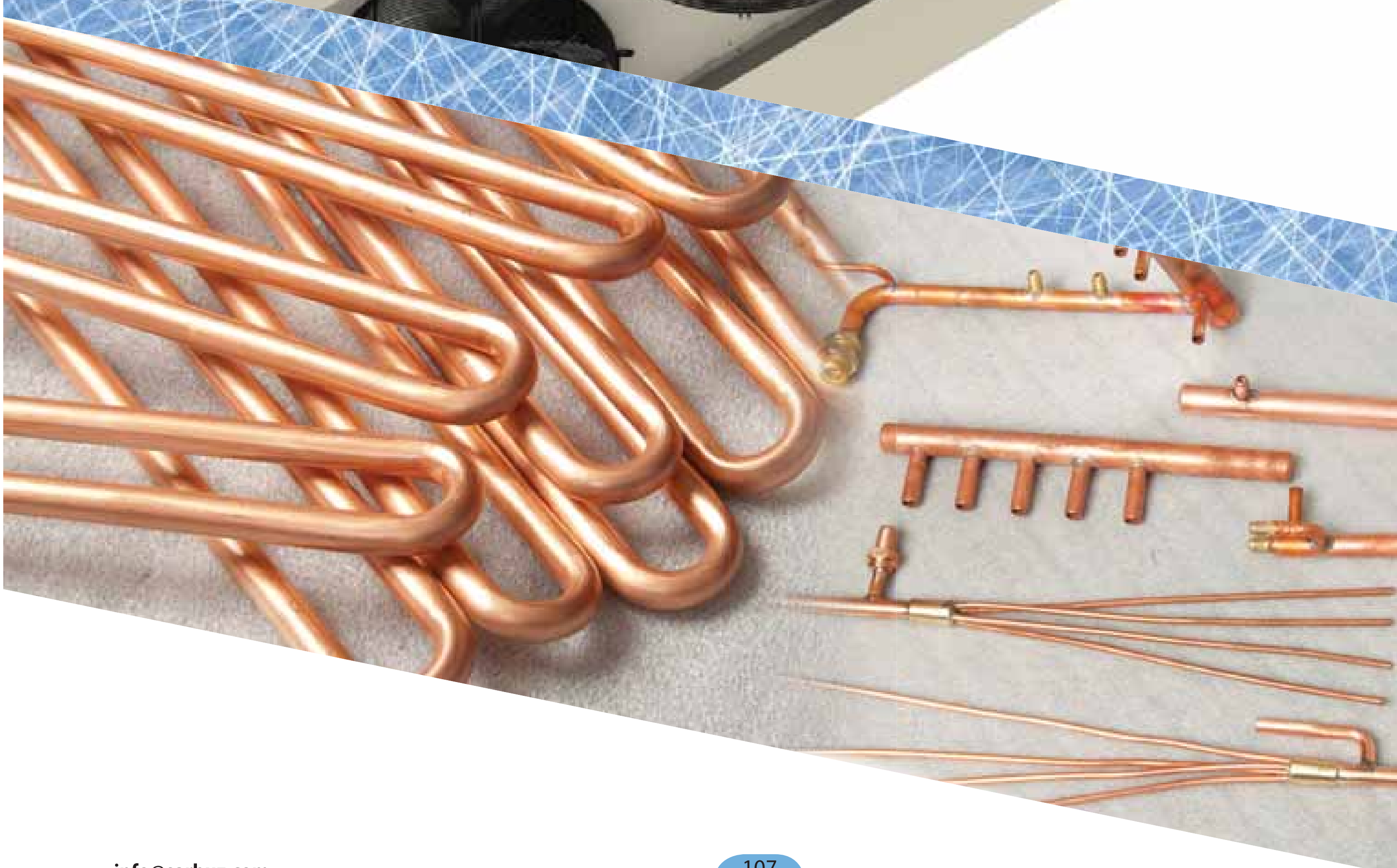
Capacity
- The nominal capacities calculated according to Eurovent (EN 328) standards that refer to SC10 - SC11 conditions and are valid for 30% glycol,
- The cooling capacity depends on the room temperature, water inlet temperature and water mass flow rate,

Options
- Different casing color,
- Other tube wall thicknesses and fin spacing on request,
- Three phase 400V 3~ 50Hz fan
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
- Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
- Hot gas defrost in coil and drip tray,
- Insulated drip tray,
- Casing made of stainless steel,
- Copper header,
- Epoxy resin coated aluminium fins,
- Fan cable heaters,
- Drain line cable heater





SBT-G

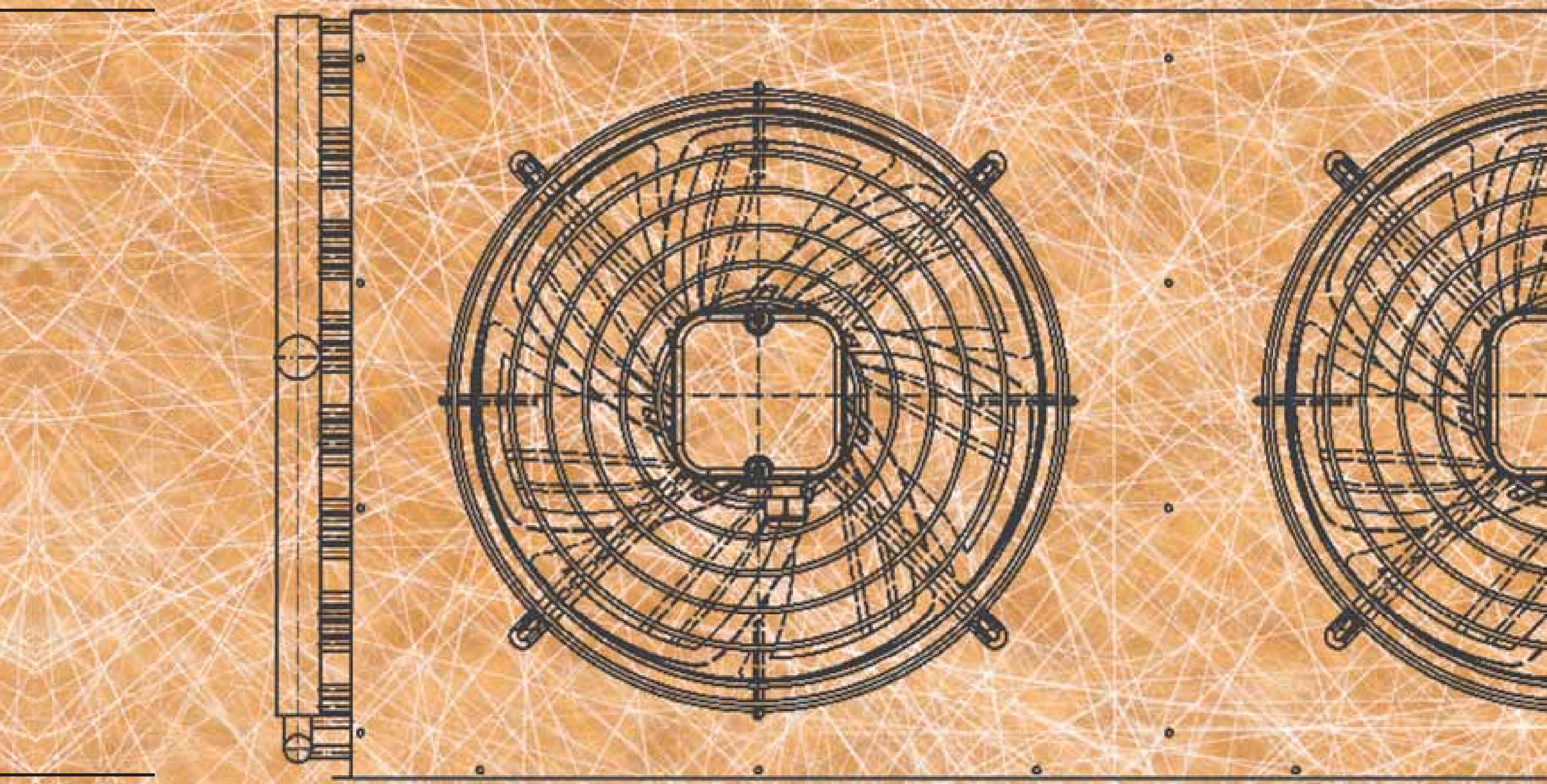
Air Cooled Condensers

Hava Soğutmalı Kondenserler

Verflüssiger

Конденсаторы

المكثفات



heat transfer devices

ısı transfer cihazları

0,6 - 5,5 kW

SPK Commercial Condenser

SPK Ticari Kondenser

SPK Series

SARBUZ SPK Serisi Ticari Kondenserler, küçük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SPK Series Commercial Condensers are designed for low capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SPK-125-A1

Mini tip kondenser
Mini type condenser — **SPK-**

Fan dizilimi 1 ad. x Ø250 mm.
Fan 1 pcs. x Ø250 mm. — **125-**

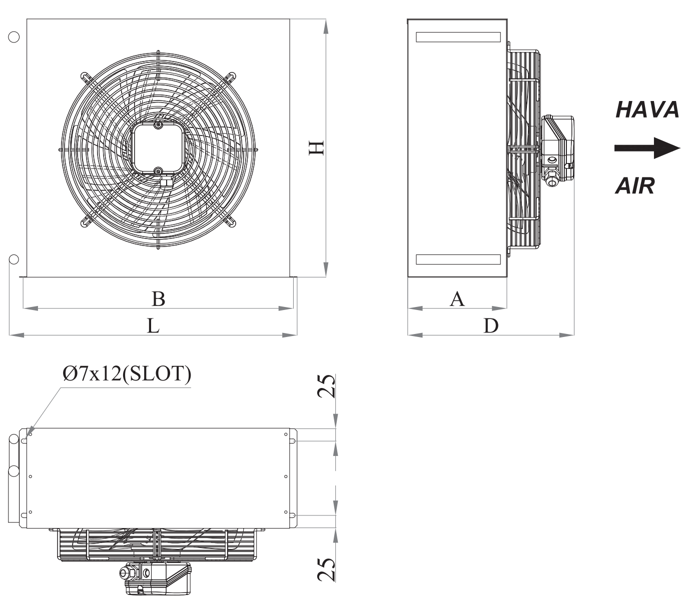
Batarya kodu
Coil code — **A1**

SPK Ticari Kondenser / SPK Commercial Condenser

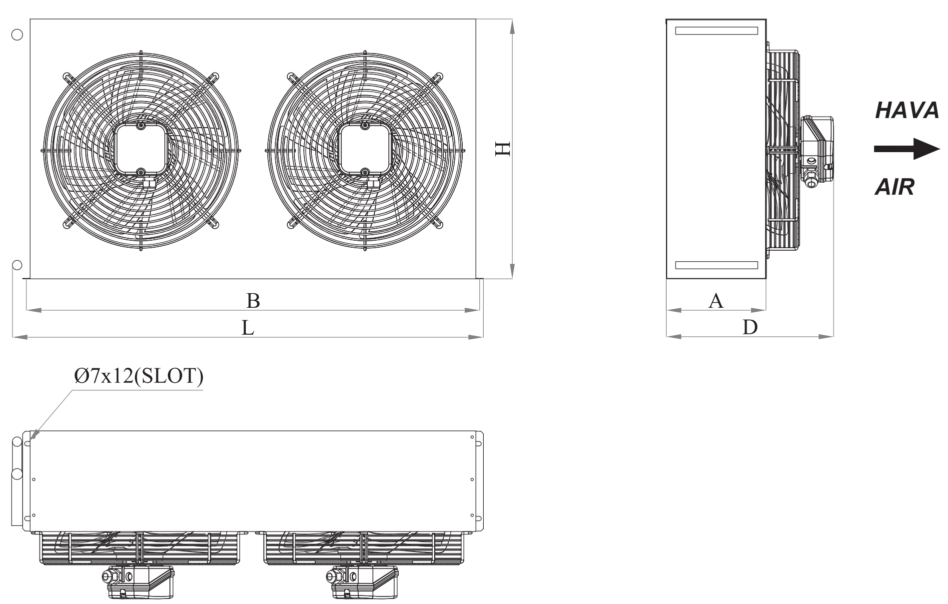
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **3,2 mm**

	MODEL	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	SPK .... N 1~230V 50Hz 1400 rpm — Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level
				Δt=15K		P_{el} Total		10 m
		m²	mm	Watt	m³/h	Watt	+A-E	dB(A)
1x	SPK-120-A0	1,48	200	626	347	32	E	24
	SPK-120-A1	2,22	200	842	319	32	E	24
	SPK-120-A2	2,97	200	994	296	32	E	24
	SPK-125-A0	2,18	250	1274	765	95	E	27
	SPK-125-A1	3,26	250	1652	673	95	E	27
	SPK-125-A2	4,36	250	1760	594	95	E	27
	SPK-130-A0	3,20	300	1782	1184	120	E	29
	SPK-130-A1	4,80	300	2398	1033	120	E	29
	SPK-130-A2	6,43	300	2830	934	120	E	29
2x	SPK-220-A0	2,97	200	1409	694	64	E	27
	SPK-220-A1	4,41	200	1663	638	64	E	27
	SPK-220-A2	5,94	200	1976	591	64	E	27
	SPK-225-A0	4,32	250	2485	1552	190	E	30
	SPK-225-A1	6,52	250	3316	1345	190	E	30
	SPK-225-A2	8,68	250	3607	1185	190	E	30
	SPK-230-A1	9,59	300	4968	2065	240	E	32
	SPK-230-A2	12,79	300	5594	1868	240	E	32
3x	SPK-325-A1	9,78	250	5004	2053	285	E	32
	SPK-325-A2	12,97	250	5507	1818	285	E	32



MODEL	Ölçüler Dimensions							Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	H	D	B	A	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	Inch	Inch
SPK-120-A0	0,2	1,8	310	230	180	293	140	5/16″	5/16″
SPK-120-A1	0,3	2,1	310	230	180	293	140	5/16″	5/16″
SPK-120-A2	0,4	2,4	310	230	180	293	140	5/16″	5/16″
SPK-125-A0	0,3	2,4	360	280	195	343	155	5/16″	5/16″
SPK-125-A1	0,5	2,9	360	280	195	343	155	5/16″	5/16″
SPK-125-A2	0,6	3,4	365	280	195	343	155	5/16″	5/16″
SPK-130-A0	0,4	3,3	445	330	210	418	170	5/16″	5/16″
SPK-130-A1	0,6	4,0	445	330	210	418	170	5/16″	5/16″
SPK-130-A2	0,9	4,6	445	330	210	418	170	5/16″	5/16″
SPK-220-A0	0,4	3,6	570	230	180	543	140	5/16″	5/16″
SPK-220-A1	0,6	4,2	570	230	180	543	140	5/16″	5/16″
SPK-220-A2	0,9	4,8	570	230	180	543	140	5/16″	5/16″
SPK-225-A0	0,6	4,5	670	280	195	643	155	5/16″	5/16″
SPK-225-A1	0,9	5,3	670	280	195	643	155	5/16″	5/16″
SPK-225-A2	1,2	6,1	670	280	195	643	155	1/2″	3/8″
SPK-230-A1	1,3	7,9	820	330	210	793	170	1/2″	3/8″
SPK-230-A2	1,7	9,2	820	330	210	793	170	1/2″	3/8″
SPK-325-A1	1,3	8,6	970	280	195	943	155	1/2″	3/8″
SPK-325-A2	1,7	10,1	970	280	195	943	155	1/2″	3/8″



Genel Özellikler / Specifications

Batarya
• Bakır borular Ø5/16",
• Fin malzemesi alüminyumdur,
• Lamel arası 3,2 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Boyasız galvaniz çelik.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Coil
• Copper tubes Ø5/16",
• Fins made of aluminium,
• Fin spacing is 3,2 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=32 Bar.

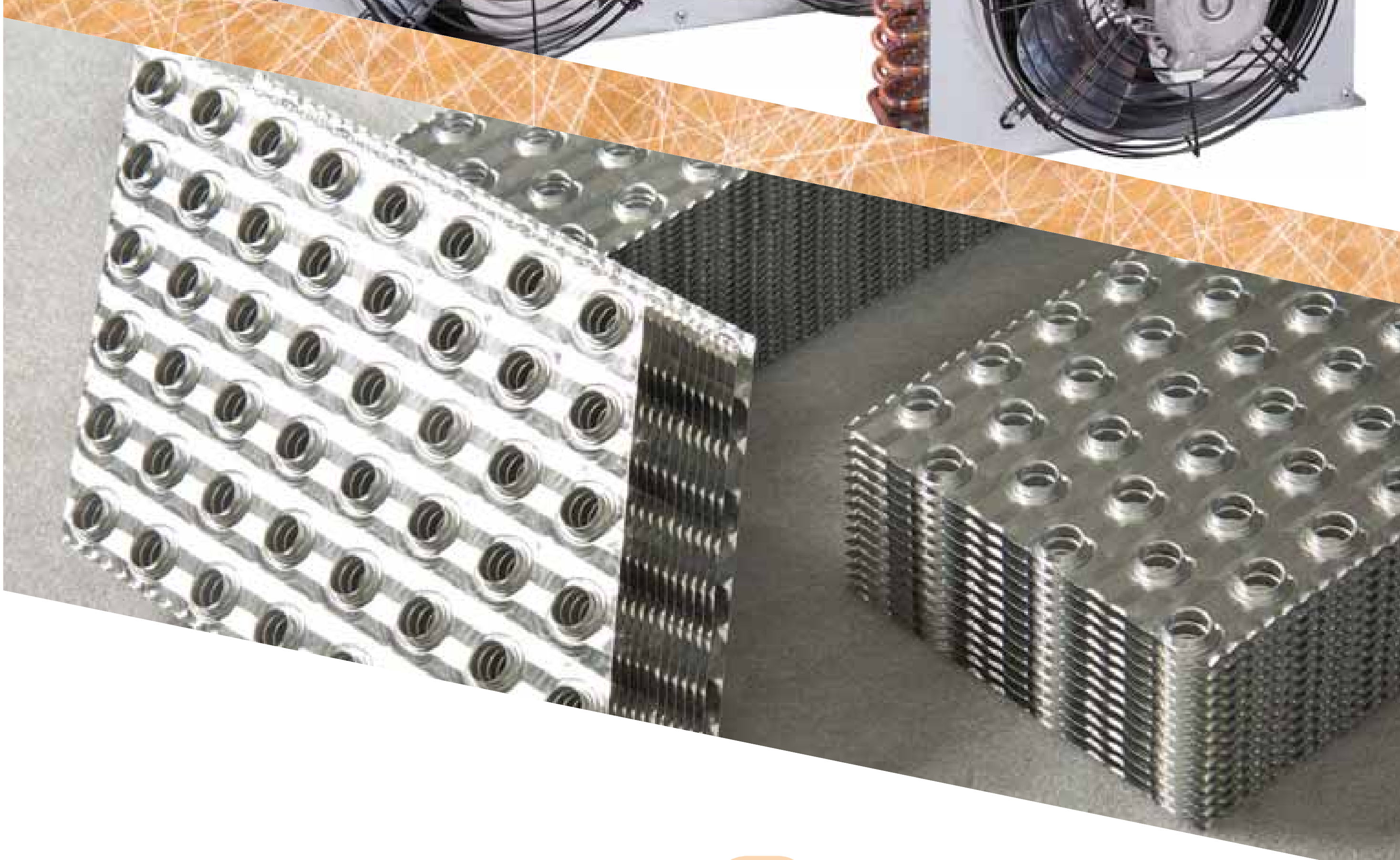
Casing
• Galvanized steel without painted.

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• Maximum start up recommended for motors is 6 per hour,
• Condensers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
• Capacities are calculated for difference noise levels

Options
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

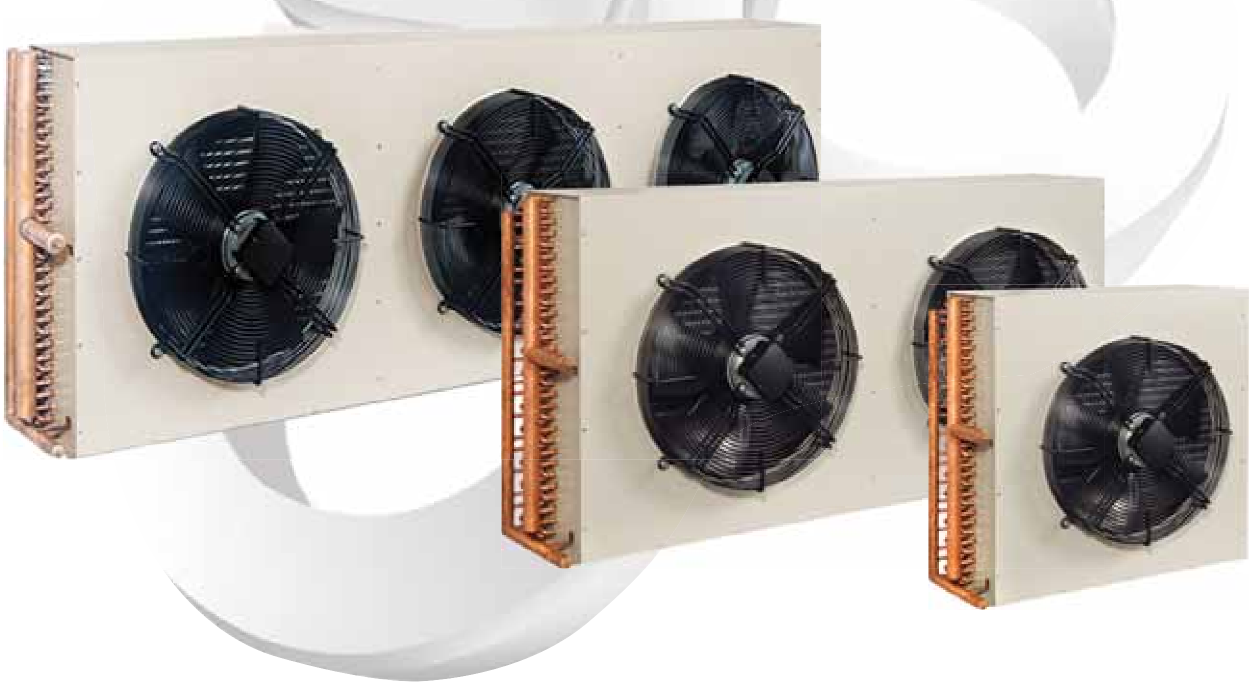
Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.



3,1 - 131,8 kW

SFK Commercial Condenser

SFK Ticari Kondenser



SFK Series

SARBUZ SFK Serisi Ticari Kondenserler, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SFK Series Commercial Condensers are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

SFK

Ürün Kodlama
Product Classification

SFK-038.1240.2,5-N

Ticari kondenser Commercial condenser	**SFK-**
Ürün yüzey alanı Product surface	**038.**
Fan sıra sayısı Number of fan row	**1**
Her sıradaki fan sayısı Number of fans for each row	**2**
Fan çapı Ø400mm. Fan diameter Ø400 mm	**40.**
Hatve (2,1 mm - 2,5 mm) Fin Spacing (2,1 mm - 2,5 mm)	**2,5-**
Ses seviyesi Noise level	**Normal ses seviyesi** / Normal noise level: **N** **Düşük ses seviyesi** / Low noise level: **L**

SFK Ticari Kondenser / SFK Commercial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

	MODEL	Fan Çapı / Fan Diameter	SFK .... N 1~230V 50Hz 1400 rpm Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level	SFK .... L 1~230V 50Hz 950 rpm Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
1x1	SFK-009.1130.2,1	300	3409	1244	70	D	26	-	-	-	-	-
	SFK-012.1130.2,1	300	3728	1149	71	D	26	-	-	-	-	-
	SFK-013.1135.2,1	350	5887	2238	155	D	32	4483	1506	79	D	21
	SFK-018.1135.2,1	350	6455	2023	158	D	32	4818	1370	81	D	21
	SFK-017.1140.2,1	400	7716	3037	199	D	41	6434	2318	145	D	26
	SFK-023.1140.2,1	400	8853	2832	206	D	41	7057	2080	150	D	26
	SFK-024.1145.2,1	450	11429	4464	293	D	42	9558	3414	194	D	27
	SFK-032.1145.2,1	450	12995	4274	304	D	42	10346	3127	201	D	27
	SFK-048.1145.2,1	450	14555	3780	317	D	42	10930	2660	209	D	27
	SFK-046.1145.2,1	450	15948	4842	285	D	42	13046	3712	189	C	27
	SFK-035.1150.2,1	500	17728	7350	626	E	41	13516	4893	240	D	32
	SFK-040.1150.2,1	500	18752	7725	613	E	41	14259	5152	232	D	32
	SFK-046.1150.2,1	500	20316	6788	643	E	41	15154	4521	252	D	32
	SFK-053.1150.2,1	500	21179	7186	630	E	41	15784	4810	243	D	32
	SFK-058.1150.2,1	500	21902	6467	661	E	41	15882	4256	263	D	32
	SFK-066.1150.2,1	500	23980	6936	648	D	41	17185	4515	255	D	32
	SFK-070.1150.2,1	500	22810	6069	672	E	41	16350	4008	270	D	32
1x2	SFK-017.1230.2,1	300	6850	2488	139	D	29	-	-	-	-	-
	SFK-023.1230.2,1	300	7752	2298	142	D	29	-	-	-	-	-
	SFK-026.1235.2,1	350	11688	4568	311	D	35	8788	3013	159	D	24
	SFK-035.1235.2,1	350	13236	4138	317	D	35	9722	2740	162	D	24
	SFK-034.1240.2,1	400	15334	6194	400	D	44	12610	4636	292	D	29
	SFK-045.1240.2,1	400	17762	5664	412	D	44	14144	4160	299	D	29
	SFK-048.1245.2,1	450	23021	9121	588	D	45	18937	6828	390	D	30
	SFK-064.1245.2,1	450	26615	8549	609	D	45	21212	6254	403	D	30
	SFK-093.1245.2,1	450	32418	9685	569	D	45	26563	7424	378	C	30
	SFK-070.1250.2,1	500	36632	14997	1259	E	44	27032	9785	485	D	35
	SFK-079.1250.2,1	500	38044	15763	1234	E	44	28541	10304	469	D	35
	SFK-093.1250.2,1	500	41406	13888	1296	E	44	30362	9042	509	D	35
	SFK-106.1250.2,1	500	43113	14731	1268	E	44	31588	9620	491	D	35
	SFK-116.1250.2,1	500	44057	12935	1321	E	44	31835	8511	526	D	35
	SFK-132.1250.2,1	500	48084	13872	1296	D	44	32781	8016	509	D	35
	SFK-139.1250.2,1	500	45817	12138	1344	E	44	32781	8016	541	D	35
1x3	SFK-051.1340.2,1	400	20216	7290	560	E	46	16452	5433	411	D	31
	SFK-068.1340.2,1	400	26555	8063	627	D	46	20650	5777	455	D	31
	SFK-072.1345.2,1	450	35285	13225	899	D	47	28686	9786	595	D	32
	SFK-097.1345.2,1	450	39438	12296	927	D	47	30905	8874	613	D	32
	SFK-139.1345.2,1	450	48603	14167	868	D	47	39294	10748	576	D	32
	SFK-104.1350.2,1	500	53760	21628	1920	E	46	40179	14112	748	D	37
	SFK-119.1350.2,1	500	59756	23644	1851	E	46	44892	15456	703	D	37
	SFK-139.1350.2,1	500	60052	19824	1971	E	46	43991	13014	782	D	37
	SFK-158.1350.2,1	500	67669	22097	1902	E	46	49545	14430	737	D	37
	SFK-174.1350.2,1	500	65870	18253	2016	E	46	47323	12059	811	D	37
	SFK-198.1350.2,1	500	71869	19660	1975	E	46	51346	12926	784	D	37
	SFK-209.1350.2,1	500	66908	16809	2044	E	46	47320	11351	829	D	37
2x1	SFK-034.2140.2,1	400	15631	6194	400	D	44	12867	4636	292	D	29
	SFK-045.2140.2,1	400	17706	5664	412	D	44	14114	4160	299	D	29
	SFK-048.2145.2,1	450	22960	9121	588	D	45	18900	6828	390	D	30
	SFK-064.2145.2,1	450	25990	8549	609	D	45	20692	6254	403	D	30
	SFK-093.2145.2,1	450	31894	9685	569	D	45	26091	7424	378	C	30
	SFK-070.2150.2,1	500	35913	14997	1259	E	44	27032	9785	485	D	35
	SFK-079.2150.2,1	500	37994	15763	1234	E	44	28517	10304	469	D	35
	SFK-093.2150.2,1	500	41278	13888	1296	E	44	30307	9042	509	D	35
	SFK-106.2150.2,1	500	43069	14731	1268	E	44	31568	9620	491	D	35
	SFK-116.2150.2,1	500	43951	12935	1321	E	44	31835	8511	526	D	35
	SFK-132.2150.2,1	500	47388	13872	1296	D	44	33918	9030	509	D	35
	SFK-139.2150.2,1	500	45244	12138	1344	E	44	32300	8016	541	D	35
2x2	SFK-091.2240.2,1	400	35525	11329	824	D	47	28288	8320	599	D	32
	SFK-129.2245.2,1	450	53230	17097	1217	D	48	42424	12507	805	D	33
	SFK-139.2250.2,1	500	73263	29994	2518	E	47	55183	19570	970	D	38
	SFK-158.2250.2,1	500	79564	31525	2467	E	47	59805	20608	937	D	38
	SFK-186.2250.2,1	500	82812	27775	2592	E	47	60727	18084	1018	D	38
	SFK-211.2250.2,1	500	89998	29463	2536	E	47	65946	19240	982	D	38
	SFK-278.2250.2,1	500	91803	24275	2688	E	47	65645	16031	1081	D	38
2x3	SFK-193.2345.2,1	450	78879	24593	1855	D	50	61809	17748	1225	D	35
	SFK-225.2345.2,1	450	86599	26283	1802	D	50	68863	19402	1193	D	35
	SFK-209.2350.2,1	500	107755	43257	3839	E	49	80507	28223	1496	D	40
	SFK-238.2350.2,1	500	117674	45694	3756	E	49	87521	29780	1442	D	40
	SFK-278.2350.2,1	500	120104	39647	3943	E	49	87983	26029	1563	D	40
	SFK-317.2350.2,1	500	131759	42413	3867	E	49	95693	27657	1514	D	40

Ölçüler / Measures

MODEL	Isı Transfer Yüzeyi Heat Transfer Surface	Ölçüler Dimensions							Bağlantılar Connections	
		Boru Hacmi Tube Volume	Ağırlık Weight	L	H	D	A	B	Giriş Inlet	Çıkış Outlet
	m²	l	kg	mm	mm	mm	mm	mm	mm	mm
SFK-009.1130.2,1	7,9	0,8	7	460	360	300	170	435	3/8″	3/8″
SFK-012.1130.2,1	10,6	1,0	8	470	360	300	170	435	3/8″	3/8″
SFK-013.1135.2,1	12,5	1,2	10	545	460	310	180	515	5/8″	1/2″
SFK-018.1135.2,1	16,7	1,6	12	550	460	320	190	515	5/8″	1/2″
SFK-017.1140.2,1	16,1	1,5	14	625	520	350	200	590	5/8″	1/2″
SFK-023.1140.2,1	21,5	2,1	17	625	520	350	200	590	19	5/8″
SFK-024.1145.2,1	22,9	2,2	20	730	620	370	240	690	19	5/8″
SFK-032.1145.2,1	30,5	3,0	23	725	620	370	240	690	22	5/8″
SFK-048.1145.2,1	45,8	4,5	30	730	620	410	280	690	22	19
SFK-046.1145.2,1	44,0	4,3	31	830	770	370	240	790	22	19
SFK-035.1150.2,1	33,0	3,2	26	840	770	370	240	790	22	19
SFK-040.1150.2,1	34,6	3,7	28	890	820	370	240	840	22	19
SFK-046.1150.2,1	44,0	4,3	32	840	770	370	240	790	28	22
SFK-053.1150.2,1	50,1	4,9	36	890	820	390	260	840	28	22
SFK-058.1150.2,1	54,9	5,2	38	840	770	410	280	790	28	22
SFK-066.1150.2,1	62,5	6,0	40	890	820	410	280	840	28	22
SFK-070.1150.2,1	65,9	6,3	42	840	770	410	280	790	28	22
SFK-017.1230.2,1	16,4	1,5	12	865	360	300	170	840	5/8″	1/2″
SFK-023.1230.2,1	21,9	2,2	15	870	360	300	170	840	5/8″	1/2″
SFK-026.1235.2,1	24,9	2,2	19	1030	460	320	190	990	22	19
SFK-035.1235.2,1	33,4	3,2	23	1030	460	320	190	990	22	19
SFK-034.1240.2,1	32,1	2,9	29	1180	520	350	200	1140	22	19
SFK-045.1240.2,1	43,0	4,2	33	1180	520	350	200	1140	22	19
SFK-048.1245.2,1	45,8	4,5	39	1390	620	370	240	1340	28	22
SFK-064.1245.2,1	61,0	6,0	45	1380	620	370	240	1340	28	22
SFK-093.1245.2,1	88,0	8,6	61	1590	770	370	240	1540	28	22
SFK-070.1250.2,1	66,0	6,5	52	1590	770	370	240	1540	28	22
SFK-079.1250.2,1	75,1	7,4	56	1690	820	370	240	1590	28	22
SFK-093.1250.2,1	88,0	8,6	62	1590	770	370	240	1540	35	28
SFK-106.1250.2,1	100,1	9,8	68	1690	820	370	240	1590	35	28
SFK-116.1250.2,1	110,0	10,8	72	1590	770	390	260	1540	35	28
SFK-132.1250.2,1	125,0	12,0	76	1690	820	390	260	1590	35	28
SFK-139.1250.2,1	131,8	12,7	80	1590	770	410	280	1540	35	28
SFK-051.1340.2,1	48,1	4,3	44	1750	520	310	180	1690	22	19
SFK-068.1340.2,1	62,3	9,0	49	1750	520	350	200	1690	35	22
SFK-072.1345.2,1	66,3	9,5	57	2040	620	360	220	1990	35	22
SFK-097.1345.2,1	88,4	12,7	67	2045	620	360	220	1990	35	22
SFK-139.1345.2,1	127,5	18,3	91	2345	770	370	240	2290	35	22
SFK-104.1350.2,1	95,5	13,4	78	1345	770	370	240	2290	35	28
SFK-119.1350.2,1	112,6	11,1	84	1495	820	370	240	2440	42	28
SFK-139.1350.2,1	127,5	18,3	92	2345	770	370	240	2290	42	28
SFK-158.1350.2,1	150,2	14,8	98	1495	820	370	240	2440	42	28
SFK-174.1350.2,1	159,3	23,4	105	2345	770	390	260	2290	42	28
SFK-198.1350.2,1	181,0	26,0	118	1495	820	390	260	2290	42	28
SFK-209.1350.2,1	191,2	27,5	121	2347	770	410	280	2440	42	28
SFK-034.2140.2,1	32,2	3,0	29	640	1020	350	200	590	22	19
SFK-045.2140.2,1	43,0	4,2	33	640	1020	350	200	590	22	19
SFK-048.2145.2,1	45,8	4,5	39	740	1220	370	240	690	28	22
SFK-064.2145.2,1	61,0	6,0	45	740	1220	370	240	690	28	22
SFK-093.2145.2,1	88,0	8,6	61	840	1520	370	240	800	28	22
SFK-070.2150.2,1	66,0	6,5	52	840	1520	370	240	790	28	22
SFK-079.2150.2,1	75,1	7,4	56	940	1620	370	240	890	28	22
SFK-093.2150.2,1	88,0	8,6	62	840	1520	390	260	790	35	28
SFK-106.2150.2,1	100,1	9,8	68	940	1620	390	260	890	35	28
SFK-116.2150.2,1	110,0	10,8	72	840	1520	410	280	790	35	28
SFK-132.2150.2,1	125,2	12,3	76	940	1620	410	280	890	35	28
SFK-139.2150.2,1	132,0	13,0	80	850	1520	410	280	800	35	28
SFK-091.2240.2,1	86,1	8,5	56	1200	1030	370	220	1140	35*	28*
SFK-129.2245.2,1	122,0	12,0	79	1400	1240	370	240	1340	42*	28*
SFK-139.2250.2,1	132,0	13,0	94	1610	1540	370	240	1540	42*	28*
SFK-158.2250.2,1	150,2	14,8	98	1610	1640	370	240	1540	42*	28*
SFK-186.2250.2,1	176,0	17,3	112	1600	1530	370	240	1540	42*	35*
SFK-211.2250.2,1	200,1	19,4	126	1600	1630	390	260	1540	42*	35*
SFK-278.2250.2,1	264,0	25,9	150	1600	1540	450	330	1540	42*	35*
SFK-193.2345.2,1	176,8	25,4	116	2050	1230	370	240	1990	42*	35*
SFK-225.2345.2,1	205,9	29,1	126	2050	1330	370	240	1990	42*	35*
SFK-209.2350.2,1	191,2	27,5	138	2050	1530	350	220	1990	42*	35*
SFK-238.2350.2,1	217,5	31,3	145	2050	1630	350	220	1990	42*	35*
SFK-278.2350.2,1	254,9	36,7	163	2365	1540	370	240	2290	42*	35*
SFK-317.2350.2,1	290,1	41,7	173	2367	1620	370	240	2290	42*	35*

SFK Ticari Kondenser / SFK Commercial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

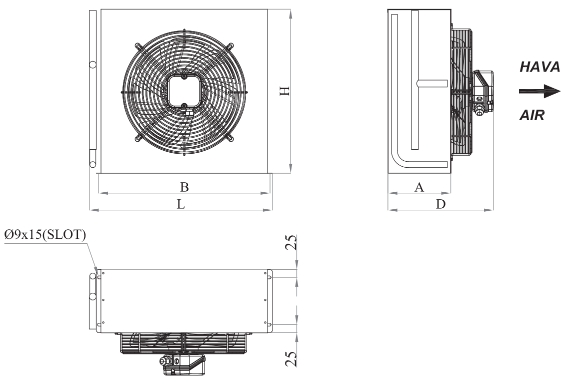
	MODEL	Fan Çapı Fan Diameter	SFK .... N 1~230V 50Hz 1400 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	SFK .... L 1~230V 50Hz 950 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
1x1	SFK-007.1130.2,5	300	3163	1278	69	D	26	-	-	-	-	-
	SFK-010.1130.2,5	300	3527	1185	70	D	26	-	-	-	-	-
	SFK-011.1135.2,5	350	5462	2310	153	E	32	4177	1544	78	D	21
	SFK-015.1135.2,5	350	6135	2108	156	D	32	4619	1423	80	D	21
	SFK-014.1140.2,5	400	7151	3139	197	E	41	5985	2389	143	D	26
	SFK-019.1140.2,5	400	8353	2929	204	D	41	6771	2176	148	D	26
	SFK-020.1145.2,5	450	10533	4570	290	E	42	8899	3521	192	D	27
	SFK-027.1145.2,5	450	12164	4385	300	D	42	9829	3239	199	D	27
	SFK-041.1145.2,5	450	14150	3919	313	D	42	10834	2789	207	D	27
	SFK-039.1145.2,5	450	14921	4916	282	D	42	12338	3791	187	D	27
	SFK-029.1150.2,5	500	16308	7553	574	E	41	12513	5011	220	D	32
	SFK-033.1150.2,5	500	17207	7897	562	E	41	13206	5270	213	D	32
	SFK-039.1150.2,5	500	19069	7006	590	E	41	14377	4668	231	D	32
	SFK-044.1150.2,5	500	19833	7405	578	E	41	14890	4928	222	D	32
	SFK-049.1150.2,5	500	20880	6694	606	E	41	15266	4385	241	D	32
	SFK-055.1150.2,5	500	22838	7147	594	D	41	16570	4657	233	C	32
	SFK-059.1150.2,5	500	22141	6303	617	E	41	16057	4161	248	D	32
1x2	SFK-015.1230.2,5	300	6351	2555	137	D	29	-	-	-	-	-
	SFK-019.1230.2,5	300	7356	2369	140	D	29	-	-	-	-	-
	SFK-022.1235.2,5	350	10818	4711	307	E	35	8176	3088	157	D	24
	SFK-030.1235.2,5	350	12569	4307	313	D	35	9323	2846	160	D	24
	SFK-029.1240.2,5	400	14161	6387	395	E	44	11717	4777	288	D	29
	SFK-038.1240.2,5	400	16752	5857	407	D	44	13568	4353	296	D	29
	SFK-041.1245.2,5	450	21139	9315	581	E	45	17611	7042	385	D	30
	SFK-054.1245.2,5	450	24962	8770	602	D	45	20190	6479	398	D	30
	SFK-078.1245.2,5	450	30399	9832	562	D	45	25176	7582	374	D	30
	SFK-059.1250.2,5	500	33685	15388	1155	E	44	25561	10021	445	D	35
	SFK-067.1250.2,5	500	34880	16106	1132	E	44	26430	10540	430	D	35
	SFK-078.1250.2,5	500	38811	14325	1189	E	44	28800	9337	467	D	35
	SFK-087.1250.2,5	500	40297	15138	1163	E	44	29797	9856	450	D	35
	SFK-116.1250.2,5	500	41999	13388	1212	E	44	30656	8771	482	D	35
	SFK-111.1250.2,5	500	45783	14294	1189	D	44	33186	9313	467	C	35
	SFK-117.1250.2,5	500	44460	12606	1233	E	44	32188	8322	496	D	35
1x3	SFK-043.1340.2,5	400	18665	7435	553	E	46	15278	5536	406	D	31
	SFK-057.1340.2,5	400	25225	8352	620	D	46	20042	6086	449	D	31
	SFK-061.1345.2,5	450	32600	13529	888	D	47	26814	10090	588	D	32
	SFK-081.1345.2,5	450	37194	12657	916	D	47	29580	9212	605	D	32
	SFK-117.1345.2,5	450	45764	14416	858	D	47	37467	11018	569	D	32
	SFK-088.1350.2,5	500	49552	22191	1761	E	46	37422	14501	686	D	37
	SFK-100.1350.2,5	500	54911	24160	1698	E	46	41640	15810	645	D	37
	SFK-117.1350.2,5	500	56584	20503	1808	E	46	41708	13368	717	D	37
	SFK-133.1350.2,5	500	63398	22707	1745	E	46	46827	14784	676	C	37
	SFK-146.1350.2,5	500	63389	18933	1850	E	46	46053	12501	744	D	37
	SFK-166.1350.2,5	500	69157	20339	1812	D	46	49758	13298	719	C	37
	SFK-175.1350.2,5	500	63728	17381	1875	E	46	46735	11811	760	D	37
2x1	SFK-029.2140.2,5	400	14457	6387	395	D	44	11970	4777	288	D	29
	SFK-038.2140.2,5	400	16705	5857	407	D	44	13541	4353	296	D	29
	SFK-041.2145.2,5	450	21091	9315	581	E	45	17581	7042	385	D	30
	SFK-054.2145.2,5	450	24328	8770	602	D	45	19658	6479	398	D	30
	SFK-078.2145.2,5	450	29841	9832	562	D	45	24676	7582	374	D	30
	SFK-059.2150.2,5	500	32991	15388	1155	E	44	25025	10021	445	D	35
	SFK-067.2150.2,5	500	34841	16106	1132	E	44	26412	10540	430	D	35
	SFK-078.2150.2,5	500	38706	14325	1189	E	44	28753	9337	467	D	35
	SFK-089.2150.2,5	500	40261	15138	1163	E	44	29780	9856	450	D	35
	SFK-097.2150.2,5	500	41908	13388	1212	E	44	30617	8771	482	D	35
	SFK-111.2150.2,5	500	45075	14294	1189	D	44	32682	9313	467	C	35
	SFK-117.2150.2,5	500	40681	11439	1233	E	44	31655	8322	496	D	35
2x2	SFK-076.2240.2,5	400	33505	11714	814	D	47	27135	8705	591	D	32
	SFK-108.2245.2,5	450	49923	17541	1203	D	48	40380	12957	795	D	33
	SFK-117.2250.2,5	500	67370	30775	2310	E	47	51123	20042	890	D	38
	SFK-133.2250.2,5	500	73128	32213	2263	E	47	55479	21080	860	D	38
	SFK-156.2250.2,5	500	77623	28650	2378	E	47	57603	18674	934	D	38
	SFK-177.2250.2,5	500	84324	30275	2327	E	47	63327	19712	901	C	38
	SFK-234.2250.2,5	500	86834	24367	2466	E	47	64468	16645	992	D	38
2x3	SFK-162.2345.2,5	450	74389	25313	1833	D	50	59160	18423	1210	D	35
	SFK-189.2345.2,5	450	81535	26893	1781	D	50	65728	20010	1178	D	35
	SFK-175.2350.2,5	500	99338	44382	3522	E	49	74997	29002	1372	D	40
	SFK-200.2350.2,5	500	108509	46772	3446	E	49	81481	30488	1322	D	40
	SFK-234.2350.2,5	500	113167	41007	3617	E	49	83415	26737	1434	D	40
	SFK-266.2350.2,5	500	123916	43632	3548	E	49	90980	28435	1389	D	40

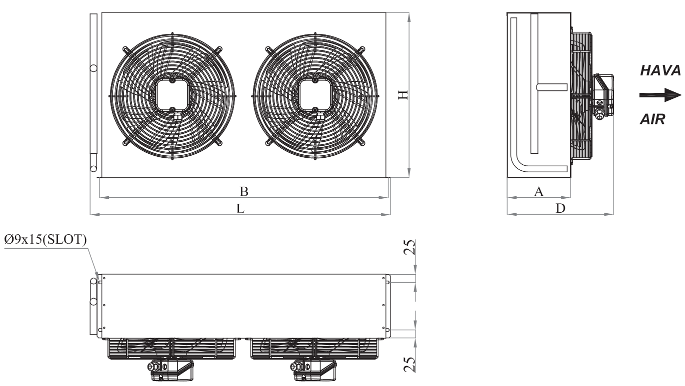
Ölçüler / Measures

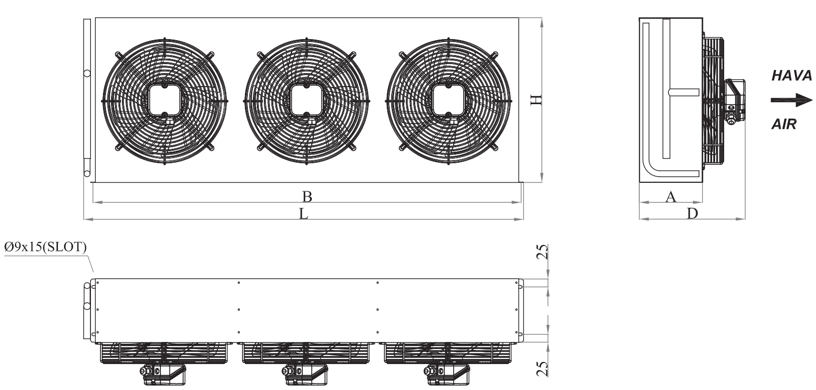
MODEL	Isı Transfer Yüzeyi Heat Transfer Surface	Ölçüler Dimensions							Bağlantılar Connections	
		Boru Hacmi Tube Volume	Ağırlık Weight	L	H	D	A	B	Giriş Inlet	Çıkış Outlet
	m²	l	kg	mm	mm	mm	mm	mm	mm	mm
SFK-007.1130.2,5	7,0	0,8	7	460	360	300	170	435	3/8″	3/8″
SFK-010.1130.2,5	9,3	1,0	8	470	360	300	170	435	3/8″	3/8″
SFK-011.1135.2,5	10,6	1,2	10	545	460	310	180	515	5/8″	1/2″
SFK-015.1135.2,5	14,2	1,6	12	550	460	320	190	515	5/8″	1/2″
SFK-014.1140.2,5	13,7	1,5	14	625	520	350	200	590	5/8″	1/2″
SFK-019.1140.2,5	18,3	2,1	16	625	520	350	200	590	19	5/8″
SFK-020.1145.2,5	19,4	2,2	19	730	620	370	240	690	19	5/8″
SFK-027.1145.2,5	25,9	3,0	22	725	620	370	240	690	22	5/8″
SFK-041.1145.2,5	38,8	4,5	29	730	620	410	280	690	22	19
SFK-039.1145.2,5	37,3	4,3	30	830	770	370	240	790	22	19
SFK-029.1150.2,5	28,0	3,2	25	840	770	370	240	790	22	19
SFK-033.1150.2,5	29,3	3,7	27	890	820	370	240	840	22	19
SFK-039.1150.2,5	37,3	4,3	31	840	770	370	240	790	28	22
SFK-044.1150.2,5	42,5	4,9	35	890	820	390	260	840	28	22
SFK-049.1150.2,5	46,6	5,2	37	840	770	410	280	790	28	22
SFK-055.1150.2,5	53,0	6,0	39	890	820	410	280	840	28	22
SFK-059.1150.2,5	55,9	6,3	41	840	770	410	280	790	28	22
SFK-015.1230.2,5	13,9	1,5	12	865	360	300	170	840	5/8″	1/2″
SFK-019.1230.2,5	18,6	2,2	14	870	360	300	170	840	5/8″	1/2″
SFK-022.1235.2,5	21,2	2,2	18	1030	460	320	190	990	22	19
SFK-030.1235.2,5	28,3	3,2	22	1030	460	320	190	990	22	19
SFK-029.1240.2,5	27,2	2,9	28	1180	520	350	200	1140	22	19
SFK-038.1240.2,5	36,5	4,2	32	1180	520	350	200	1140	22	19
SFK-041.1245.2,5	38,8	4,5	38	1390	620	370	240	1340	28	22
SFK-054.1245.2,5	51,8	6,0	43	1380	620	370	240	1340	28	22
SFK-078.1245.2,5	74,7	8,6	60	1590	770	370	240	1540	28	22
SFK-059.1250.2,5	56,0	6,5	50	1590	770	370	240	1540	28	22
SFK-067.1250.2,5	63,7	7,4	54	1690	820	370	240	1590	28	22
SFK-078.1250.2,5	74,7	8,6	61	1590	770	370	240	1540	35	28
SFK-087.1250.2,5	85,0	9,8	66	1690	820	370	240	1590	35	28
SFK-116.1250.2,5	93,3	10,8	70	1590	770	390	260	1540	35	28
SFK-111.1250.2,5	106,1	12,0	74	1690	820	390	260	1590	35	28
SFK-117.1250.2,5	111,9	12,7	77	1590	770	410	280	1540	35	28
SFK-043.1340.2,5	40,8	4,3	43	1750	520	310	180	1690	22	19
SFK-057.1340.2,5	53,0	9,0	47	1750	520	350	200	1690	35	22
SFK-061.1345.2,5	56,2	9,5	55	2040	620	360	220	1990	35	22
SFK-081.1345.2,5	75,0	12,7	65	2045	620	360	220	1990	35	22
SFK-117.1345.2,5	108,4	18,3	88	2345	770	370	240	2290	35	22
SFK-088.1350.2,5	81,0	13,4	75	1345	770	370	240	2290	35	28
SFK-100.1350.2,5	95,6	11,1	82	1495	820	370	240	2440	42	28
SFK-117.1350.2,5	108,1	18,3	89	2345	770	370	240	2290	42	28
SFK-133.1350.2,5	127,4	14,8	95	1495	820	370	240	2440	42	28
SFK-146.1350.2,5	135,2	23,4	102	2345	770	390	260	2290	42	28
SFK-166.1350.2,5	153,6	26,0	115	1495	820	390	260	2290	42	28
SFK-175.1350.2,5	162,2	27,5	118	2347	770	410	280	2440	42	28
SFK-029.2140.2,5	27,3	3,0	28	640	1020	350	200	590	22	19
SFK-038.2140.2,5	36,5	4,2	32	640	1020	350	200	590	22	19
SFK-041.2145.2,5	38,8	4,5	38	740	1220	370	240	690	28	22
SFK-054.2145.2,5	51,8	6,0	43	740	1220	370	240	690	28	22
SFK-078.2145.2,5	74,7	8,6	60	840	1520	370	240	800	28	22
SFK-059.2150.2,5	56,0	6,5	50	840	1520	370	240	790	28	22
SFK-067.2150.2,5	63,7	7,4	54	940	1620	370	240	890	28	22
SFK-078.2150.2,5	74,7	8,6	61	840	1520	390	260	790	35	28
SFK-089.2150.2,5	85,0	9,8	66	940	1620	390	260	890	35	28
SFK-097.2150.2,5	93,4	10,8	70	840	1520	410	280	790	35	28
SFK-111.2150.2,5	106,2	12,3	74	940	1620	410	280	890	35	28
SFK-117.2150.2,5	112,0	13,0	77	850	1520	410	280	800	35	28
SFK-076.2240.2,5	73,0	8,5	55	1200	1030	370	220	1140	35*	28*
SFK-108.2245.2,5	103,5	12,0	77	1400	1240	370	240	1340	42*	28*
SFK-117.2250.2,5	112,0	13,0	91	1610	1540	370	240	1540	42*	28*
SFK-133.2250.2,5	127,4	14,8	95	1610	1640	370	240	1540	42*	28*
SFK-156.2250.2,5	149,3	17,3	109	1600	1530	370	240	1540	42*	35*
SFK-177.2250.2,5	169,8	19,4	122	1600	1630	390	260	1540	42*	35*
SFK-234.2250.2,5	224,0	25,9	146	1600	1540	450	330	1540	42*	35*
SFK-162.2345.2,5	150,0	25,4	113	2050	1230	370	240	1990	42*	35*
SFK-189.2345.2,5	175,2	29,1	122	2050	1330	370	240	1990	42*	35*
SFK-175.2350.2,5	162,2	27,5	134	2050	1530	350	220	1990	42*	35*
SFK-200.2350.2,5	184,6	31,3	141	2050	1630	350	220	1990	42*	35*
SFK-234.2350.2,5	216,3	36,7	158	2365	1540	370	240	2290	42*	35*
SFK-266.2350.2,5	246,7	41,7	168	2367	1620	370	240	2290	42*	35*

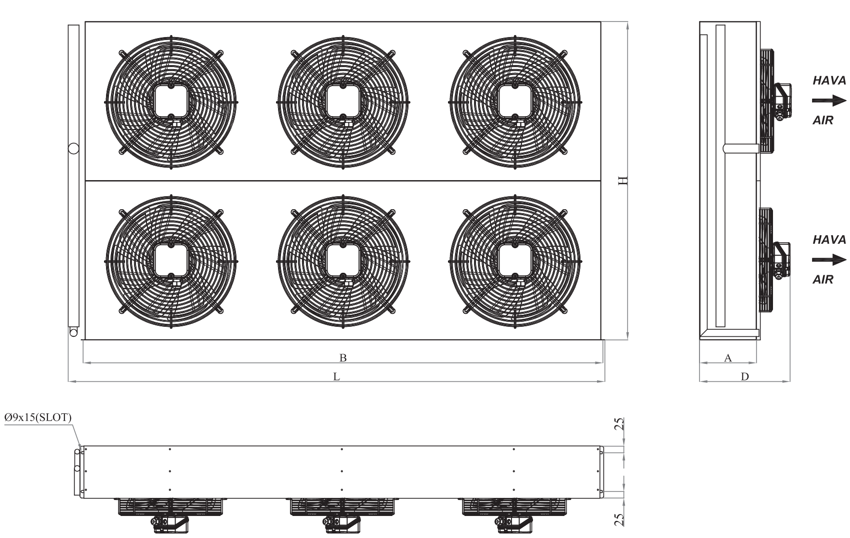
SFK

Teknik Çizim / Technical Drawing









Genel Özellikler / Specifications

Batarya
- Bakır borular Ø5/16", Ø3/8",
- Fin malzemesi alüminyumdur,
- Lamel arası 2,1 - 2,5 mm'dir,
- Giriş – çıkış kolektör malzemesi bakırdır,
- İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
- Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
- Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
- Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz,
- Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
- Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
- Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
- Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
- Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
- Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
- Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
- Çift akışkan devreli imalat,
- Farklı dış kabin rengi,
- Trifaze 400V 3~50/60 Hz Fan,
- Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
- Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
- Pako şalter,

Coil
- Copper tubes Ø5/16", Ø3/8",
- Fins made of aluminium,
- Fin spacing is 2,1 - 2,5 mm,
- Header inlet and outlet tube connections made of copper,
- Highest permissible working pressure Ps=32 Bar.

Casing
- Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
- Low-noise axial fans with maintenance free motors,
- Protection class IP44/54, single phase 230V 1~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
- Maximum start up recommended for motors is 6 per hour,
- Condensers are designed for outdoor operation with no external pressure drops being considered,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
- The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
- Capacities are calculated for difference noise levels

Options
- Two refrigerant circuit,
- Different casing color,
- Three phase 400V 3~50/60 Hz fans
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
- Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
- Cam switch,

3,1 - 131,8 kW

SFK-P Plated Commercial Condensers

SFK-P Açık Tip Ticari Kondenser

SFK-P Series

SARBUZ SFK-P Serisi Açık Tip Ticari Kondenserler, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SFK-P Series Plated Commercial Condensers are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SFK-P-038.1240.2,5-N

Açık tip ticari kondenser
Plated type commercial condenser — **SFK-P-**

Ürün yüzey alanı
Product surface — **038.**

Fan sıra sayısı
Number of fan row — **1**

Her sıradaki fan sayısı
Number of fans for each row — **2**

Fan çapı Ø400mm.
Fan diameter Ø400 mm — **40.**

Hatve (2,1 mm - 2,5 mm)
Fin Spacing (2,1 mm - 2,5 mm) — **2,5-**

Ses seviyesi
Noise level

- **Normal ses seviyesi** / Normal noise level — **N**
- **Düşük ses seviyesi** / Low noise level — **L**

SFK-P Açık Tip Ticari Kondenser / SFK-P Plated Commercial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

	MODEL	Fan Çapı Fan Diameter	SFK-P .... N 1~230V 50Hz 1400 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	SFK-P .... L 1~230V 50Hz 950 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
1x1	SFK-P-009.1130.2,1	300	3409	1244	70	D	26	-	-	-	-	-
	SFK-P-012.1130.2,1	300	3728	1149	71	D	26	-	-	-	-	-
	SFK-P-013.1135.2,1	350	5887	2238	155	D	32	4483	1506	79	D	21
	SFK-P-018.1135.2,1	350	6455	2023	158	D	32	4818	1370	81	D	21
	SFK-P-017.1140.2,1	400	7716	3037	199	D	41	6434	2318	145	D	26
	SFK-P-023.1140.2,1	400	8853	2832	206	D	41	7057	2080	150	D	26
	SFK-P-024.1145.2,1	450	11429	4464	293	D	42	9558	3414	194	D	27
	SFK-P-032.1145.2,1	450	12995	4274	304	D	42	10346	3127	201	D	27
	SFK-P-048.1145.2,1	450	14555	3780	317	D	42	10930	2660	209	D	27
	SFK-P-046.1145.2,1	450	15948	4842	285	D	42	13046	3712	189	C	27
	SFK-P-035.1150.2,1	500	17728	7350	626	E	41	13516	4893	240	D	32
	SFK-P-040.1150.2,1	500	18752	7725	613	E	41	14259	5152	232	D	32
	SFK-P-046.1150.2,1	500	20316	6788	643	E	41	15154	4521	252	D	32
	SFK-P-053.1150.2,1	500	21179	7186	630	E	41	15784	4810	243	D	32
	SFK-P-058.1150.2,1	500	21902	6467	661	E	41	15882	4256	263	D	32
	SFK-P-066.1150.2,1	500	23980	6936	648	D	41	17185	4515	255	D	32
	SFK-P-070.1150.2,1	500	22810	6069	672	E	41	16350	4008	270	D	32
1x2	SFK-P-017.1230.2,1	300	6850	2488	139	D	29	-	-	-	-	-
	SFK-P-023.1230.2,1	300	7752	2298	142	D	29	-	-	-	-	-
	SFK-P-026.1235.2,1	350	11688	4568	311	D	35	8788	3013	159	D	24
	SFK-P-035.1235.2,1	350	13236	4138	317	D	35	9722	2740	162	D	24
	SFK-P-034.1240.2,1	400	15334	6194	400	D	44	12610	4636	292	D	29
	SFK-P-045.1240.2,1	400	17762	5664	412	D	44	14144	4160	299	D	29
	SFK-P-048.1245.2,1	450	23021	9121	588	D	45	18937	6828	390	D	30
	SFK-P-064.1245.2,1	450	26615	8549	609	D	45	21212	6254	403	D	30
	SFK-P-093.1245.2,1	450	32418	9685	569	D	45	26563	7424	378	C	30
	SFK-P-070.1250.2,1	500	36632	14997	1259	E	44	27032	9785	485	D	35
	SFK-P-079.1250.2,1	500	38044	15763	1234	E	44	28541	10304	469	D	35
	SFK-P-093.1250.2,1	500	41406	13888	1296	E	44	30362	9042	509	D	35
	SFK-P-106.1250.2,1	500	43113	14731	1268	E	44	31588	9620	491	D	35
	SFK-P-116.1250.2,1	500	44057	12935	1321	E	44	31835	8511	526	D	35
	SFK-P-132.1250.2,1	500	48084	13872	1296	D	44	32781	8016	509	D	35
	SFK-P-139.1250.2,1	500	45817	12138	1344	E	44	32781	8016	541	D	35
1x3	SFK-P-051.1340.2,1	400	20216	7290	560	E	46	16452	5433	411	D	31
	SFK-P-068.1340.2,1	400	26555	8063	627	D	46	20650	5777	455	D	31
	SFK-P-072.1345.2,1	450	35285	13225	899	D	47	28686	9786	595	D	32
	SFK-P-097.1345.2,1	450	39438	12296	927	D	47	30905	8874	613	D	32
	SFK-P-139.1345.2,1	450	48603	14167	868	D	47	39294	10748	576	D	32
	SFK-P-104.1350.2,1	500	53760	21628	1920	E	46	40179	14112	748	D	37
	SFK-P-119.1350.2,1	500	59756	23644	1851	E	46	44892	15456	703	D	37
	SFK-P-139.1350.2,1	500	60052	19824	1971	E	46	43991	13014	782	D	37
	SFK-P-158.1350.2,1	500	67669	22097	1902	E	46	49545	14430	737	D	37
	SFK-P-174.1350.2,1	500	65870	18253	2016	E	46	47323	12059	811	D	37
	SFK-P-198.1350.2,1	500	71869	19660	1975	E	46	51346	12926	784	D	37
	SFK-P-209.1350.2,1	500	66908	16809	2044	E	46	47320	11351	829	D	37
2x1	SFK-P-034.2140.2,1	400	15631	6194	400	D	44	12867	4636	292	D	29
	SFK-P-045.2140.2,1	400	17706	5664	412	D	44	14114	4160	299	D	29
	SFK-P-048.2145.2,1	450	22960	9121	588	D	45	18900	6828	390	D	30
	SFK-P-064.2145.2,1	450	25990	8549	609	D	45	20692	6254	403	D	30
	SFK-P-093.2145.2,1	450	31894	9685	569	D	45	26091	7424	378	C	30
	SFK-P-070.2150.2,1	500	35913	14997	1259	E	44	27032	9785	485	D	35
	SFK-P-079.2150.2,1	500	37994	15763	1234	E	44	28517	10304	469	D	35
	SFK-P-093.2150.2,1	500	41278	13888	1296	E	44	30307	9042	509	D	35
	SFK-P-106.2150.2,1	500	43069	14731	1268	E	44	31568	9620	491	D	35
	SFK-P-116.2150.2,1	500	43951	12935	1321	E	44	31835	8511	526	D	35
	SFK-P-132.2150.2,1	500	47388	13872	1296	D	44	33918	9030	509	D	35
	SFK-P-139.2150.2,1	500	45244	12138	1344	E	44	32300	8016	541	D	35
2x2	SFK-P-091.2240.2,1	400	35525	11329	824	D	47	28288	8320	599	D	32
	SFK-P-129.2245.2,1	450	53230	17097	1217	D	48	42424	12507	805	D	33
	SFK-P-139.2250.2,1	500	73263	29994	2518	E	47	55183	19570	970	D	38
	SFK-P-158.2250.2,1	500	79564	31525	2467	E	47	59805	20608	937	D	38
	SFK-P-186.2250.2,1	500	82812	27775	2592	E	47	60727	18084	1018	D	38
	SFK-P-211.2250.2,1	500	89998	29463	2536	E	47	65946	19240	982	D	38
	SFK-P-278.2250.2,1	500	91803	24275	2688	E	47	65645	16031	1081	D	38
2x3	SFK-P-193.2345.2,1	450	78879	24593	1855	D	50	61809	17748	1225	D	35
	SFK-P-225.2345.2,1	450	86599	26283	1802	D	50	68863	19402	1193	D	35
	SFK-P-209.2350.2,1	500	107755	43257	3839	E	49	80507	28223	1496	D	40
	SFK-P-238.2350.2,1	500	117674	45694	3756	E	49	87521	29780	1442	D	40
	SFK-P-278.2350.2,1	500	120104	39647	3943	E	49	87983	26029	1563	D	40
	SFK-P-317.2350.2,1	500	131759	42413	3867	E	49	95693	27657	1514	D	40

Ölçüler / Measures

MODEL	Isı Transfer Yüzeyi Heat Transfer Surface	Ölçüler Dimensions							Bağlantılar Connections	
		Boru Hacmi Tube Volume	Ağırlık Weight	L	H	D	D1	B	Giriş Inlet	Çıkış Outlet
	m²	l	kg	mm	mm	mm	mm	mm	mm	mm
SFK-P-009.1130.2,1	7,9	0,8	14	460	420	300	550	435	3/8″	3/8″
SFK-P-012.1130.2,1	10,6	1,0	16	470	420	300	550	435	3/8″	3/8″
SFK-P-013.1135.2,1	12,5	1,2	18	545	520	310	550	515	5/8″	1/2″
SFK-P-018.1135.2,1	16,7	1,6	20	550	520	320	550	515	5/8″	1/2″
SFK-P-017.1140.2,1	16,1	1,5	24	625	580	350	650	590	5/8″	1/2″
SFK-P-023.1140.2,1	21,5	2,1	26	625	580	350	650	590	19	5/8″
SFK-P-024.1145.2,1	22,9	2,2	31	730	700	370	700	690	19	5/8″
SFK-P-032.1145.2,1	30,5	3,0	34	725	700	370	700	690	22	5/8″
SFK-P-048.1145.2,1	45,8	4,5	41	730	700	410	700	690	22	19
SFK-P-046.1145.2,1	44,0	4,3	43	830	830	370	700	790	22	19
SFK-P-035.1150.2,1	33,0	3,2	38	840	830	370	700	790	22	19
SFK-P-040.1150.2,1	34,6	3,7	41	890	900	370	700	840	22	19
SFK-P-046.1150.2,1	44,0	4,3	44	840	830	370	700	790	28	22
SFK-P-053.1150.2,1	50,1	4,9	48	890	900	390	700	840	28	22
SFK-P-058.1150.2,1	54,9	5,2	50	840	830	410	700	790	28	22
SFK-P-066.1150.2,1	62,5	6,0	52	890	900	410	700	840	28	22
SFK-P-070.1150.2,1	65,9	6,3	53	840	830	410	700	790	28	22
SFK-P-017.1230.2,1	16,4	1,5	23	865	420	300	550	840	5/8″	1/2″
SFK-P-023.1230.2,1	21,9	2,2	25	870	420	300	550	840	5/8″	1/2″
SFK-P-026.1235.2,1	24,9	2,2	29	1030	520	320	550	990	22	19
SFK-P-035.1235.2,1	33,4	3,2	34	1030	520	320	550	990	22	19
SFK-P-034.1240.2,1	32,1	2,9	43	1180	580	350	650	1140	22	19
SFK-P-045.1240.2,1	43,0	4,2	47	1180	580	350	650	1140	22	19
SFK-P-048.1245.2,1	45,8	4,5	56	1390	700	370	700	1340	28	22
SFK-P-064.1245.2,1	61,0	6,0	62	1380	700	370	700	1340	28	22
SFK-P-093.1245.2,1	88,0	8,6	80	1590	830	370	700	1540	28	22
SFK-P-070.1250.2,1	66,0	6,5	71	1590	830	370	700	1540	28	22
SFK-P-079.1250.2,1	75,1	7,4	76	1690	900	370	700	1590	28	22
SFK-P-093.1250.2,1	88,0	8,6	81	1590	830	370	700	1540	35	28
SFK-P-106.1250.2,1	100,1	9,8	88	1690	900	370	700	1590	35	28
SFK-P-116.1250.2,1	110,0	10,8	90	1590	830	390	700	1540	35	28
SFK-P-132.1250.2,1	125,0	12,0	95	1690	900	390	700	1590	35	28
SFK-P-139.1250.2,1	131,8	12,7	97	1590	830	410	700	1540	35	28
SFK-P-051.1340.2,1	48,1	4,3	64	1750	600	310	650	1690	22	19
SFK-P-068.1340.2,1	62,3	9,0	67	1750	600	350	650	1690	35	22
SFK-P-072.1345.2,1	66,3	9,5	80	2040	700	360	700	1990	35	22
SFK-P-097.1345.2,1	88,4	12,7	90	2045	700	360	700	1990	35	22
SFK-P-139.1345.2,1	127,5	18,3	113	2345	830	370	650	2290	35	22
SFK-P-104.1350.2,1	95,5	13,4	94	1345	830	370	700	2290	35	28
SFK-P-119.1350.2,1	112,6	11,1	102	1495	900	370	700	2440	42	28
SFK-P-139.1350.2,1	127,5	18,3	117	2345	830	370	700	2290	42	28
SFK-P-158.1350.2,1	150,2	14,8	116	1495	900	370	700	2440	42	28
SFK-P-174.1350.2,1	159,3	23,4	129	2345	830	390	700	2290	42	28
SFK-P-198.1350.2,1	181,0	26,0	135	1495	900	390	700	2290	42	28
SFK-P-209.1350.2,1	191,2	27,5	145	2347	830	410	700	2440	42	28
SFK-P-034.2140.2,1	32,2	3,0	39	640	1080	350	650	590	22	19
SFK-P-045.2140.2,1	43,0	4,2	43	640	1080	350	650	590	22	19
SFK-P-048.2145.2,1	45,8	4,5	51	740	1300	370	700	690	28	22
SFK-P-064.2145.2,1	61,0	6,0	56	740	1300	370	700	690	28	22
SFK-P-093.2145.2,1	88,0	8,6	74	840	1600	370	700	800	28	22
SFK-P-070.2150.2,1	66,0	6,5	64	840	1600	370	700	790	28	22
SFK-P-079.2150.2,1	75,1	7,4	69	940	1700	370	700	890	28	22
SFK-P-093.2150.2,1	88,0	8,6	74	840	1600	390	700	790	35	28
SFK-P-106.2150.2,1	100,1	9,8	81	940	1700	390	700	890	35	28
SFK-P-116.2150.2,1	110,0	10,8	84	840	1600	410	700	790	35	28
SFK-P-132.2150.2,1	125,2	12,3	88	940	1700	410	700	890	35	28
SFK-P-139.2150.2,1	132,0	13,0	91	850	1600	410	700	800	35	28
SFK-P-091.2240.2,1	86,1	8,5	80	1200	1090	370	950	1140	35*	28*
SFK-P-129.2245.2,1	122,0	12,0	105	1400	1300	370	950	1340	42*	28*
SFK-P-139.2250.2,1	132,0	13,0	123	1610	1600	370	950	1540	42*	28*
SFK-P-158.2250.2,1	150,2	14,8	127	1610	1700	370	950	1540	42*	28*
SFK-P-186.2250.2,1	176,0	17,3	141	1600	1590	370	950	1540	42*	35*
SFK-P-211.2250.2,1	200,1	19,4	154	1600	1690	390	950	1540	42*	35*
SFK-P-278.2250.2,1	264,0	25,9	176	1600	1600	450	950	1540	42*	35*
SFK-P-193.2345.2,1	176,8	25,4	151	2050	1290	370	950	1990	42*	35*
SFK-P-225.2345.2,1	205,9	29,1	161	2050	1390	370	950	1990	42*	35*
SFK-P-209.2350.2,1	191,2	27,5	174	2050	1590	350	950	1990	42*	35*
SFK-P-238.2350.2,1	217,5	31,3	181	2050	1690	350	950	1990	42*	35*
SFK-P-278.2350.2,1	254,9	36,7	202	2365	1600	370	950	2290	42*	35*
SFK-P-317.2350.2,1	290,1	41,7	212	2367	1680	370	950	2290	42*	35*

SFK-P Açık Tip Ticari Kondenser / SFK-P Plated Commercial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

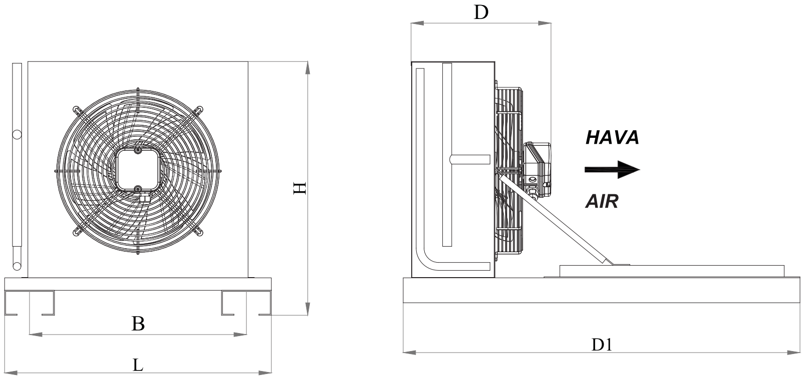
	MODEL	Fan Çapı / Fan Diameter	SFK-P .... N (1~230V 50Hz 1400 rpm) Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level	SFK-P .... L (1~230V 50Hz 950 rpm) Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
1x1	SFK-P-007.1130.2,5	300	3163	1278	69	D	26	-	-	-	-	-
	SFK-P-010.1130.2,5	300	3527	1185	70	D	26	-	-	-	-	-
	SFK-P-011.1135.2,5	350	5462	2310	153	E	32	4177	1544	78	D	21
	SFK-P-015.1135.2,5	350	6135	2108	156	D	32	4619	1423	80	D	21
	SFK-P-014.1140.2,5	400	7151	3139	197	E	41	5985	2389	143	D	26
	SFK-P-019.1140.2,5	400	8353	2929	204	D	41	6771	2176	148	D	26
	SFK-P-020.1145.2,5	450	10533	4570	290	E	42	8899	3521	192	D	27
	SFK-P-027.1145.2,5	450	12164	4385	300	D	42	9829	3239	199	D	27
	SFK-P-041.1145.2,5	450	14150	3919	313	D	42	10834	2789	207	D	27
	SFK-P-039.1145.2,5	450	14921	4916	282	D	42	12338	3791	187	D	27
	SFK-P-029.1150.2,5	500	16308	7553	574	E	41	12513	5011	220	D	32
	SFK-P-033.1150.2,5	500	17207	7897	562	E	41	13206	5270	213	D	32
	SFK-P-039.1150.2,5	500	19069	7006	590	E	41	14377	4668	231	D	32
	SFK-P-044.1150.2,5	500	19833	7405	578	E	41	14890	4928	222	D	32
	SFK-P-049.1150.2,5	500	20880	6694	606	E	41	15266	4385	241	D	32
	SFK-P-055.1150.2,5	500	22838	7147	594	D	41	16570	4657	233	C	32
	SFK-P-059.1150.2,5	500	22141	6303	617	E	41	16057	4161	248	D	32
1x2	SFK-P-015.1230.2,5	300	6351	2555	137	D	29	-	-	-	-	-
	SFK-P-019.1230.2,5	300	7356	2369	140	D	29	-	-	-	-	-
	SFK-P-022.1235.2,5	350	10818	4711	307	E	35	8176	3088	157	D	24
	SFK-P-030.1235.2,5	350	12569	4307	313	D	35	9323	2846	160	D	24
	SFK-P-029.1240.2,5	400	14161	6387	395	E	44	11717	4777	288	D	29
	SFK-P-038.1240.2,5	400	16752	5857	407	D	44	13568	4353	296	D	29
	SFK-P-041.1245.2,5	450	21139	9315	581	E	45	17611	7042	385	D	30
	SFK-P-054.1245.2,5	450	24962	8770	602	D	45	20190	6479	398	D	30
	SFK-P-078.1245.2,5	450	30399	9832	562	D	45	25176	7582	374	D	30
	SFK-P-059.1250.2,5	500	33685	15388	1155	E	44	25561	10021	445	D	35
	SFK-P-067.1250.2,5	500	34880	16106	1132	E	44	26430	10540	430	D	35
	SFK-P-078.1250.2,5	500	38811	14325	1189	E	44	28800	9337	467	D	35
	SFK-P-087.1250.2,5	500	40297	15138	1163	E	44	29797	9856	450	D	35
	SFK-P-116.1250.2,5	500	41999	13388	1212	E	44	30656	8771	482	D	35
	SFK-P-111.1250.2,5	500	45783	14294	1189	D	44	33186	9313	467	C	35
	SFK-P-117.1250.2,5	500	44460	12606	1233	E	44	32188	8322	496	D	35
1x3	SFK-P-043.1340.2,5	400	18665	7435	553	E	46	15278	5536	406	D	31
	SFK-P-057.1340.2,5	400	25225	8352	620	D	46	20042	6086	449	D	31
	SFK-P-061.1345.2,5	450	32600	13529	888	D	47	26814	10090	588	D	32
	SFK-P-081.1345.2,5	450	37194	12657	916	D	47	29580	9212	605	D	32
	SFK-P-117.1345.2,5	450	45764	14416	858	D	47	37467	11018	569	D	32
	SFK-P-088.1350.2,5	500	49552	22191	1761	E	46	37422	14501	686	D	37
	SFK-P-100.1350.2,5	500	54911	24160	1698	E	46	41640	15810	645	D	37
	SFK-P-117.1350.2,5	500	56584	20503	1808	E	46	41708	13368	717	D	37
	SFK-P-133.1350.2,5	500	63398	22707	1745	E	46	46827	14784	676	C	37
	SFK-P-146.1350.2,5	500	63389	18933	1850	E	46	46053	12501	744	D	37
	SFK-P-166.1350.2,5	500	69157	20339	1812	D	46	49758	13298	719	C	37
	SFK-P-175.1350.2,5	500	63728	17381	1875	E	46	46735	11811	760	D	37
2x1	SFK-P-029.2140.2,5	400	14457	6387	395	D	44	11970	4777	288	D	29
	SFK-P-038.2140.2,5	400	16705	5857	407	D	44	13541	4353	296	D	29
	SFK-P-041.2145.2,5	450	21091	9315	581	E	45	17581	7042	385	D	30
	SFK-P-054.2145.2,5	450	24328	8770	602	D	45	19658	6479	398	D	30
	SFK-P-078.2145.2,5	450	29841	9832	562	D	45	24676	7582	374	D	30
	SFK-P-059.2150.2,5	500	32991	15388	1155	E	44	25025	10021	445	D	35
	SFK-P-067.2150.2,5	500	34841	16106	1132	E	44	26412	10540	430	D	35
	SFK-P-078.2150.2,5	500	38706	14325	1189	E	44	28753	9337	467	D	35
	SFK-P-089.2150.2,5	500	40261	15138	1163	E	44	29780	9856	450	D	35
	SFK-P-097.2150.2,5	500	41908	13388	1212	E	44	30617	8771	482	D	35
	SFK-P-111.2150.2,5	500	45075	14294	1189	D	44	32682	9313	467	C	35
	SFK-P-117.2150.2,5	500	40681	11439	1233	E	44	31655	8322	496	D	35
2x2	SFK-P-076.2240.2,5	400	33505	11714	814	D	47	27135	8705	591	D	32
	SFK-P-108.2245.2,5	450	49923	17541	1203	D	48	40380	12957	795	D	33
	SFK-P-117.2250.2,5	500	67370	30775	2310	E	47	51123	20042	890	D	38
	SFK-P-133.2250.2,5	500	73128	32213	2263	E	47	55479	21080	860	D	38
	SFK-P-156.2250.2,5	500	77623	28650	2378	E	47	57603	18674	934	D	38
	SFK-P-177.2250.2,5	500	84324	30275	2327	E	47	63327	19712	901	C	38
	SFK-P-234.2250.2,5	500	86834	24367	2466	E	47	64468	16645	992	D	38
2x3	SFK-P-162.2345.2,5	450	74389	25313	1833	D	50	59160	18423	1210	D	35
	SFK-P-189.2345.2,5	450	81535	26893	1781	D	50	65728	20010	1178	D	35
	SFK-P-175.2350.2,5	500	99338	44382	3522	E	49	74997	29002	1372	D	40
	SFK-P-200.2350.2,5	500	108509	46772	3446	E	49	81481	30488	1322	D	40
	SFK-P-234.2350.2,5	500	113167	41007	3617	E	49	83415	26737	1434	D	40
	SFK-P-266.2350.2,5	500	123916	43632	3548	E	49	90980	28435	1389	D	40

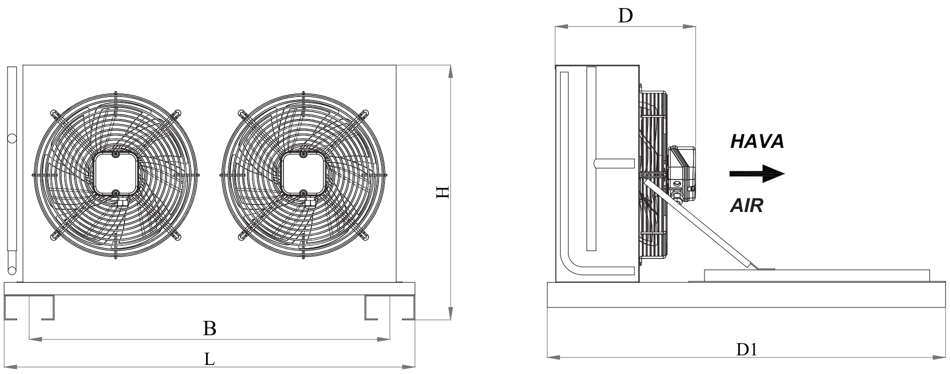
Ölçüler / Measures

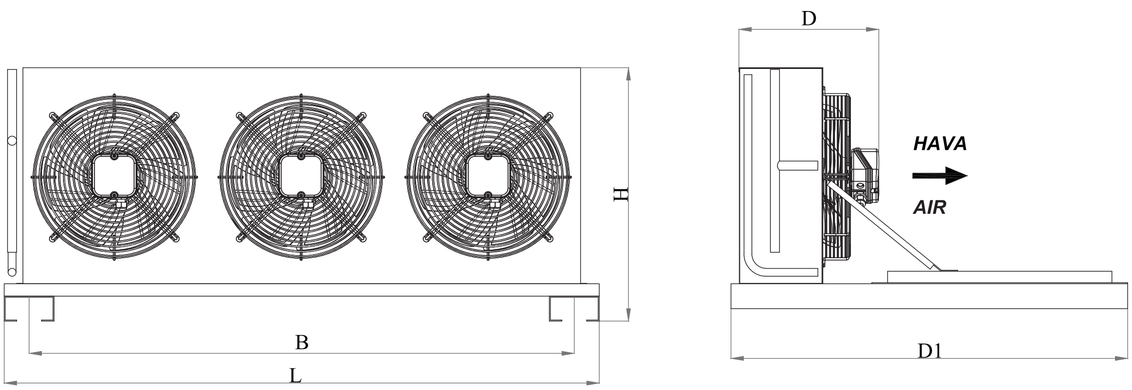
MODEL	Isı Transfer Yüzeyi Heat Transfer Surface	Ölçüler Dimensions							Bağlantılar Connections	
		Boru Hacmi Tube Volume	Ağırlık Weight	L	H	D	D1	B	Giriş Inlet	Çıkış Outlet
	m²	l	kg	mm	mm	mm	mm	mm	mm	mm
SFK-P-007.1130.2,5	7,0	0,8	14	460	420	300	550	435	3/8″	3/8″
SFK-P-010.1130.2,5	9,3	1,0	15	470	420	300	550	435	3/8″	3/8″
SFK-P-011.1135.2,5	10,6	1,2	18	545	520	310	550	515	5/8″	1/2″
SFK-P-015.1135.2,5	14,2	1,6	20	550	520	320	550	515	5/8″	1/2″
SFK-P-014.1140.2,5	13,7	1,5	24	625	580	350	650	590	5/8″	1/2″
SFK-P-019.1140.2,5	18,3	2,1	26	625	580	350	650	590	19	5/8″
SFK-P-020.1145.2,5	19,4	2,2	30	730	700	370	700	690	19	5/8″
SFK-P-027.1145.2,5	25,9	3,0	33	725	700	370	700	690	22	5/8″
SFK-P-041.1145.2,5	38,8	4,5	40	730	700	410	700	690	22	19
SFK-P-039.1145.2,5	37,3	4,3	42	830	830	370	700	790	22	19
SFK-P-029.1150.2,5	28,0	3,2	37	840	830	370	700	790	22	19
SFK-P-033.1150.2,5	29,3	3,7	40	890	900	370	700	840	22	19
SFK-P-039.1150.2,5	37,3	4,3	44	840	830	370	700	790	28	22
SFK-P-044.1150.2,5	42,5	4,9	47	890	900	390	700	840	28	22
SFK-P-049.1150.2,5	46,6	5,2	48	840	830	410	700	790	28	22
SFK-P-055.1150.2,5	53,0	6,0	51	890	900	410	700	840	28	22
SFK-P-059.1150.2,5	55,9	6,3	52	840	830	410	700	790	28	22
SFK-P-015.1230.2,5	13,9	1,5	22	865	420	300	550	840	5/8″	1/2″
SFK-P-019.1230.2,5	18,6	2,2	24	870	420	300	550	840	5/8″	1/2″
SFK-P-022.1235.2,5	21,2	2,2	29	1030	520	320	550	990	22	19
SFK-P-030.1235.2,5	28,3	3,2	33	1030	520	320	550	990	22	19
SFK-P-029.1240.2,5	27,2	2,9	42	1180	580	350	650	1140	22	19
SFK-P-038.1240.2,5	36,5	4,2	46	1180	580	350	650	1140	22	19
SFK-P-041.1245.2,5	38,8	4,5	55	1390	700	370	700	1340	28	22
SFK-P-054.1245.2,5	51,8	6,0	60	1380	700	370	700	1340	28	22
SFK-P-078.1245.2,5	74,7	8,6	78	1590	830	370	700	1540	28	22
SFK-P-059.1250.2,5	56,0	6,5	69	1590	830	370	700	1540	28	22
SFK-P-067.1250.2,5	63,7	7,4	74	1690	900	370	700	1590	28	22
SFK-P-078.1250.2,5	74,7	8,6	79	1590	830	370	700	1540	35	28
SFK-P-087.1250.2,5	85,0	9,8	86	1690	900	370	700	1590	35	28
SFK-P-116.1250.2,5	93,3	10,8	88	1590	830	390	700	1540	35	28
SFK-P-111.1250.2,5	106,1	12,0	93	1690	900	390	700	1590	35	28
SFK-P-117.1250.2,5	111,9	12,7	95	1590	830	410	700	1540	35	28
SFK-P-043.1340.2,5	40,8	4,3	63	1750	600	310	650	1690	22	19
SFK-P-057.1340.2,5	53,0	9,0	66	1750	600	350	650	1690	35	22
SFK-P-061.1345.2,5	56,2	9,5	78	2040	700	360	700	1990	35	22
SFK-P-081.1345.2,5	75,0	12,7	88	2045	700	360	700	1990	35	22
SFK-P-117.1345.2,5	108,4	18,3	110	2345	830	370	650	2290	35	22
SFK-P-088.1350.2,5	81,0	13,4	92	1345	830	370	700	2290	35	28
SFK-P-100.1350.2,5	95,6	11,1	99	1495	900	370	700	2440	42	28
SFK-P-117.1350.2,5	108,1	18,3	114	2345	830	370	700	2290	42	28
SFK-P-133.1350.2,5	127,4	14,8	113	1495	900	370	700	2440	42	28
SFK-P-146.1350.2,5	135,2	23,4	126	2345	830	390	700	2290	42	28
SFK-P-166.1350.2,5	153,6	26,0	132	1495	900	390	700	2290	42	28
SFK-P-175.1350.2,5	162,2	27,5	141	2347	830	410	700	2440	42	28
SFK-P-029.2140.2,5	27,3	3,0	38	640	1080	350	650	590	22	19
SFK-P-038.2140.2,5	36,5	4,2	42	640	1080	350	650	590	22	19
SFK-P-041.2145.2,5	38,8	4,5	50	740	1300	370	700	690	28	22
SFK-P-054.2145.2,5	51,8	6,0	55	740	1300	370	700	690	28	22
SFK-P-078.2145.2,5	74,7	8,6	72	840	1600	370	700	800	28	22
SFK-P-059.2150.2,5	56,0	6,5	63	840	1600	370	700	790	28	22
SFK-P-067.2150.2,5	63,7	7,4	68	940	1700	370	700	890	28	22
SFK-P-078.2150.2,5	74,7	8,6	72	840	1600	390	700	790	35	28
SFK-P-089.2150.2,5	85,0	9,8	79	940	1700	390	700	890	35	28
SFK-P-097.2150.2,5	93,4	10,8	81	840	1600	410	700	790	35	28
SFK-P-111.2150.2,5	106,2	12,3	86	940	1700	410	700	890	35	28
SFK-P-117.2150.2,5	112,0	13,0	89	850	1600	410	700	800	35	28
SFK-P-076.2240.2,5	73,0	8,5	78	1200	1090	370	950	1140	35*	28*
SFK-P-108.2245.2,5	103,5	12,0	103	1400	1300	370	950	1340	42*	28*
SFK-P-117.2250.2,5	112,0	13,0	120	1610	1600	370	950	1540	42*	28*
SFK-P-133.2250.2,5	127,4	14,8	124	1610	1700	370	950	1540	42*	28*
SFK-P-156.2250.2,5	149,3	17,3	137	1600	1590	370	950	1540	42*	35*
SFK-P-177.2250.2,5	169,8	19,4	150	1600	1690	390	950	1540	42*	35*
SFK-P-234.2250.2,5	224,0	25,9	172	1600	1600	450	950	1540	42*	35*
SFK-P-162.2345.2,5	150,0	25,4	148	2050	1290	370	950	1990	42*	35*
SFK-P-189.2345.2,5	175,2	29,1	157	2050	1390	370	950	1990	42*	35*
SFK-P-175.2350.2,5	162,2	27,5	170	2050	1590	350	950	1990	42*	35*
SFK-P-200.2350.2,5	184,6	31,3	177	2050	1690	350	950	1990	42*	35*
SFK-P-234.2350.2,5	216,3	36,7	198	2365	1600	370	950	2290	42*	35*
SFK-P-266.2350.2,5	246,7	41,7	207	2367	1680	370	950	2290	42*	35*

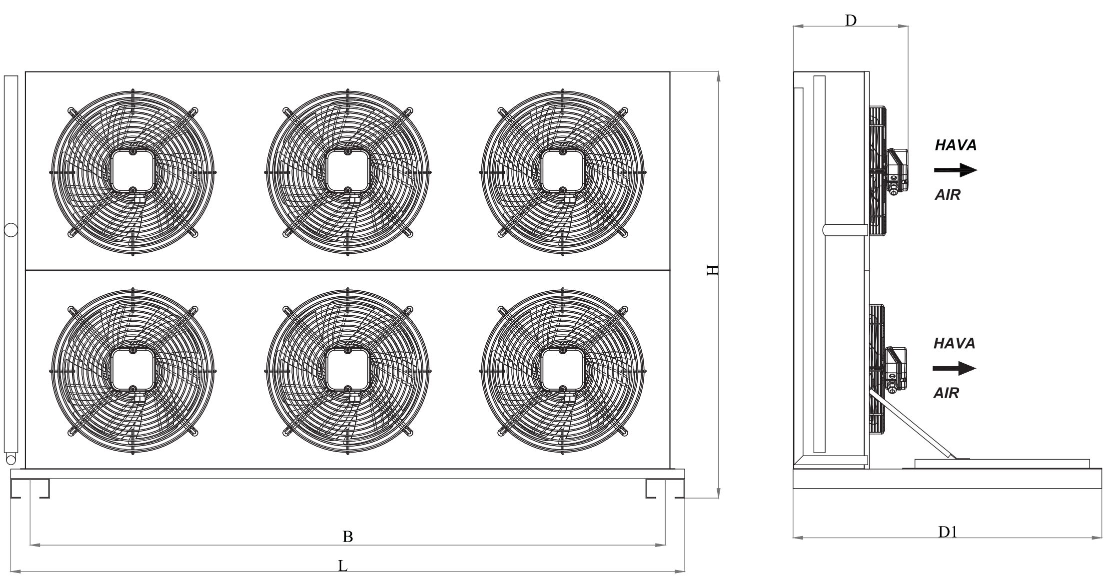
SFK-P

Teknik Çizim / Technical Drawing









Genel Özellikler / Specifications

Batarya
• Bakır borular Ø5/16", Ø3/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50/60 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coil
• Copper tubes Ø5/16", Ø3/8",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• Maximum start up recommended for motors is 6 per hour,
• Condensers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
• Capacities are calculated for difference noise levels

Options
• Two refrigerant circuit,
• Different casing color,
• Three phase 400V 3~50/60 Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Cam switch,

3,2 - 151,9 kW

SARBOX Split Condenser

SARBOX Split Tip Kondenser

SARBOX Series

SARBUZ SARBOX Serisi Split Tip Kondenserler, küçük ve orta kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ Split Condensers are designed for low and middle capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

SAR
BOX

Ürün Kodlama
Product Classification

H-73-245-2,5-N

Sarbox Split kondenser
Sarbox Split condenser — **H-**

Kabin kodu
Cabin code — **7**

Batarya kodu
Coil code — **3-**

Fan 2 ad. x Ø450mm.
Fan 2 pcs. xØ450 mm. — **245-**

Hatve (2,1 mm - 2,5 mm)
Fin Spacing (2,1 mm - 2,5 mm) — **2,5-**

Ses seviyesi
Noise level

Normal ses seviyesi
Normal noise level — **N**

Düşük ses seviyesi
Low noise level — **L**

SARBOX Split Kondenser / SARBOX Split Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

Hermetik Model
Hermetic Model

	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	SARBOX .... N 1~230V 50Hz 1400 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	SARBOX .... L 1~230V 50Hz 950 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	mm	Watt	m³/h	Watt	A-E	dB(A)	Watt	m³/h	Watt	A-E	dB(A)
1x1	H-012-130-2,1	7,8	300	3580	1490	63	D	27	-	-	-	-	-
	H-013-130-2,1	11,7	300	4440	1410	64	C	27	-	-	-	-	-
	H-013-135-2,1	11,7	300	6110	2200	156	D	32	4610	1460	73	C	21
	H-022-135-2,1	8,8	350	5200	2590	152	E	32	4000	1710	70	C	21
	H-023-135-2,1	13,2	350	6460	2340	155	D	32	4810	1540	72	C	21
	H-023-140-2,1	13,2	400	7270	2790	205	E	41	5870	2030	137	D	26
	H-024-140-2,1	17,6	400	8080	2510	210	D	41	6210	1760	139	D	26
	H-033-140-2,1	15,8	400	8310	3070	198	D	41	6840	2290	135	C	26
	H-034-140-2,1	21,1	400	9230	2810	205	D	41	7290	2050	137	C	26
	H-043-145-2,1	19,4	450	11110	4280	305	E	42	9010	3130	185	C	27
	H-044-145-2,1	25,8	450	12490	3940	320	D	42	9810	2810	189	C	27
	H-053-145-2,1	24,6	450	12860	4680	290	D	42	10600	3530	181	C	27
	H-054-145-2,1	32,9	450	14590	4400	300	D	42	11650	3250	184	C	27
	H-053-150-2,1	24,6	500	15700	6500	651	E	41	11940	4280	220	C	32
	H-054-150-2,1	32,9	500	17890	5880	672	E	41	13320	3880	230	C	32
1x2	H-063-240-2,1	31,6	400	16340	6130	396	D	44	13440	4580	270	C	29
	H-064-240-2,1	42,2	400	18210	5620	410	D	44	14460	4100	274	C	29
	H-073-245-2,1	38,7	450	21930	8560	610	E	45	17860	6260	370	C	30
	H-074-245-2,1	51,6	450	24650	7870	640	D	45	19320	5620	378	C	30
	H-083-250-2,1	49,3	500	31250	13000	1302	E	44	23750	8560	440	C	35
	H-084-250-2,1	65,7	500	35250	11760	1344	E	44	26280	7770	460	C	35

Yarı Hermetik Model
Semi Hermetic Model

	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	SARBOX .... N 1~230V 50Hz 1400 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	SARBOX .... L 1~230V 50Hz 950 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	mm	Watt	m³/h	Watt	A-E	dB(A)	Watt	m³/h	Watt	A-E	dB(A)
1x1	S-043-145-2,1	19,4	450	11110	4280	305	E	45	9010	3130	185	C	30
	S-044-145-2,1	25,8	450	12490	3940	320	D	45	9810	2810	189	C	30
	S-053-145-2,1	24,6	450	12860	4680	290	D	45	10600	3530	181	C	30
	S-054-145-2,1	32,9	450	14590	4400	300	D	45	11650	3250	184	C	30
	S-053-150-2,1	24,6	500	15700	6500	651	E	44	11940	4280	220	C	35
	S-054-150-2,1	32,9	500	17890	5880	672	E	44	13320	3880	230	C	35
1x2	S-063-240-2,1	31,6	400	16340	6130	396	D	46	13440	4580	270	C	31
	S-064-240-2,1	42,2	400	18210	5620	410	D	46	14460	4100	274	C	31
	S-073-245-2,1	38,7	450	21930	8560	610	E	45	17860	6260	370	C	30
	S-074-245-2,1	51,6	450	24650	7870	640	D	45	19320	5620	378	C	30
	S-083-250-2,1	49,3	500	31250	13000	1302	E	44	23750	8560	440	C	35
	S-084-250-2,1	65,7	500	35250	11760	1344	E	44	26280	7770	460	C	35
	S-093-250-2,1	53,3	500	33000	13590	1282	E	44	24920	8880	440	C	35
	S-094-250-2,1	71,0	500	37230	12340	1326	E	44	27760	8160	460	C	35
2x2	S-103-440-2,1	83,8	400	39990	13910	760	D	47	32640	10380	520	C	32
	S-103-445-2,1	83,8	450	46800	17670	1200	D	48	38390	13090	736	C	33
	S-104-445-2,1	111,9	450	52960	16450	1260	D	48	41790	11880	748	C	33
	S-113-445-2,1	114,4	450	56140	19520	1120	D	48	46700	14980	700	C	33
	S-113-450-2,1	114,4	500	71320	28150	2524	E	47	53810	18340	848	C	38
	S-114-450-2,1	152,4	500	79930	25680	2612	E	47	59200	16930	880	C	38
	D-013-450-2,1	206,5	500	98400	34400	2332	D	47	73430	22540	780	B	38
	D-014-450-2,1	275,2	500	112120	32990	2380	D	47	81570	21650	800	B	38
2x3	D-023-650-2,1	261,7	500	134390	48550	3600	D	49	99760	31830	1206	B	40
	D-024-650-2,1	349,0	500	151860	45690	3684	D	49	110180	29780	1230	B	40

Hermetik Model
Hermetic Model

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	L2	H	D	A	B1	B2	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
H-012-130-2,1	0,8	28	955	465	490	600	466	350	605	-	390	12,7	12,7
H-013-130-2,1	1,2	29	955	465	490	600	466	350	605	-	390	16	12,7
H-013-135-2,1	1,2	29	955	465	490	600	472	350	605	-	390	16	12,7
H-022-135-2,1	0,8	34	1055	515	540	600	572	450	705	-	490	16	12,7
H-023-135-2,1	1,2	35	1055	515	540	600	572	450	705	-	490	16	12,7
H-023-140-2,1	1,2	35	1055	515	540	600	592	450	705	-	490	16	12,7
H-024-140-2,1	1,7	36	1055	515	540	600	592	450	705	-	490	22	12,7
H-033-140-2,1	1,6	39	1055	515	540	700	592	450	705	-	490	22	16
H-034-140-2,1	2,1	40	1055	515	540	700	592	450	705	-	490	22	16
H-043-145-2,1	1,9	43	1155	615	540	700	592	470	805	-	510	22	16
H-044-145-2,1	2,5	44	1155	615	540	700	592	470	805	-	510	22	16
H-053-145-2,1	2,4	47	1305	765	540	700	592	470	955	-	510	22	16
H-054-145-2,1	3,2	49	1305	765	540	700	592	470	955	-	510	28	22
H-053-150-2,1	2,4	47	1305	765	540	700	596	470	955	-	510	22	16
H-054-150-2,1	3,2	49	1305	765	540	700	596	470	955	-	510	28	22
H-063-240-2,1	3,0	65	1055	515	540	1300	592	450	378	328	490	22	16
H-064-240-2,1	4,1	67	1055	515	540	1300	592	450	378	328	490	22	16
H-073-245-2,1	3,8	71	1155	615	540	1300	592	470	428	378	510	22	19
H-074-245-2,1	5,1	74	1155	615	540	1300	592	470	428	378	510	28	22
H-083-250-2,1	4,8	79	1305	765	540	1300	596	470	503	453	510	22	19
H-084-250-2,1	6,4	83	1305	765	540	1300	596	470	503	453	510	28	22

Yarı Hermetik Model
Semi Hermetic Model

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	L2	H	D	A	B1	B2	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
S-043-145-2,1	1,9	45	1255	615	640	700	592	470	905	-	510	22	16
S-044-145-2,1	2,5	47	1255	615	640	700	592	470	905	-	510	22	16
S-053-145-2,1	2,4	50	1405	765	640	700	592	470	1055		510	22	16
S-054-145-2,1	3,2	52	1405	765	640	700	592	470	1055	-	510	28	22
S-053-150-2,1	2,4	50	1405	765	640	700	596	470	1055	-	510	22	16
S-054-150-2,1	3,2	52	1405	765	640	700	596	470	1055	-	510	28	22
S-063-240-2,1	3,0	73	1155	515	640	1300	672	530	428	378	570	22	16
S-064-240-2,1	4,1	75	1155	515	640	1300	672	530	428	378	570	22	16
S-073-245-2,1	3,8	78	1255	615	640	1300	652	530	478	428	570	22	19
S-074-245-2,1	5,1	81	1255	615	640	1300	652	530	478	428	570	28	22
S-083-250-2,1	4,8	86	1405	765	640	1300	656	530	553	503	570	22	19
S-084-250-2,1	6,4	90	1405	765	640	1300	656	530	553	503	570	28	22
S-093-250-2,1	5,1	92	1405	765	640	1400	656	530	553	503	570	28	22
S-094-250-2,1	6,7	96	1405	765	640	1400	656	530	553	503	570	35	22
S-103-440-2,1	8,0	124	2030	1165	865	1400	692	550	865	815	590	35	22
S-103-445-2,1	8,0	124	2030	1165	865	1400	672	550	865	815	590	35	22
S-104-445-2,1	11,0	130	2030	1165	865	1400	672	550	865	815	590	35	22
S-113-445-2,1	11,2	146	2430	1565	865	1400	672	550	1065	1015	590	35	22
S-113-450-2,1	11,2	146	2430	1565	865	1400	676	550	1065	1015	590	35	22
S-114-450-2,1	14,7	155	2430	1565	865	1400	676	550	1065	1015	590	35	28
D-013-450-2,1	19,8	245	2490	1685	805	1366	1495	1400	869	403	1455	2x28	2x22
D-014-450-2,1	26,7	261	2490	1685	805	1366	1495	1400	869	403	1455	2x28	2x22
D-023-650-2,1	37,7	287	2990	2185	805	1366	1495	1400	1119	403	1455	2x35	2x28
D-024-650-2,1	50,2	309	2990	2185	805	1366	1495	1400	1119	403	1455	2x35	2x28

SARBOX Split Kondenser / SARBOX Split Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

Hermetik Model
Hermetic Model

	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	SARBOX .... N 1~230V 50Hz 1400 rpm: Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	SARBOX .... L 1~230V 50Hz 950 rpm: Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	mm	Watt	m³/h	Watt	A-E	dB(A)	Watt	m³/h	Watt	A-E	dB(A)
1x1	H-012-130-2,5	6,6	300	3250	1510	58	C	27	-	-	-	-	-
	H-013-130-2,5	10,0	300	4110	1430	60	C	27	-	-	-	-	-
	H-013-135-2,5	10,0	300	5670	2280	147	D	32	4310	1510	71	C	21
	H-022-135-2,5	7,4	350	4690	2650	143	D	32	3630	1750	64	C	21
	H-023-135-2,5	11,2	350	5970	2410	145	D	32	4490	1580	67	C	21
	H-023-140-2,5	11,2	400	6720	2890	197	D	41	5520	2130	131	D	26
	H-024-140-2,5	14,9	400	7650	2620	203	D	41	5990	1850	136	D	26
	H-033-140-2,5	13,4	400	7700	3160	190	D	41	6380	2370	129	C	26
	H-034-140-2,5	17,9	400	8700	2900	195	D	41	7000	2140	134	C	29
	H-043-145-2,5	16,4	450	10200	4390	288	D	45	8380	3240	174	C	30
	H-044-145-2,5	21,9	450	11770	4080	304	D	45	9370	2940	182	C	30
	H-053-145-2,5	20,9	450	11790	4770	269	D	45	9840	3630	172	C	30
	H-054-145-2,5	27,9	450	13670	4510	278	C	45	11090	3360	176	C	30
	H-053-150-2,5	20,9	500	14440	6730	618	E	44	11040	4410	205	C	35
	H-054-150-2,5	27,9	500	16810	6110	642	E	44	12670	4040	223	C	35
1x2	H-063-240-2,5	26,8	400	15130	6330	379	D	46	12530	4740	257	C	31
	H-064-240-2,5	35,9	400	17210	5810	390	D	46	13890	4290	268	C	31
	H-073-245-2,5	32,9	450	20180	8780	575	D	45	16620	6480	349	C	30
	H-074-245-2,5	43,8	450	23180	8150	609	D	45	18440	5870	365	C	30
	H-083-250-2,5	41,8	500	28750	13470	1236	E	44	21980	8820	410	C	35
	H-084-250-2,5	55,7	500	33110	12220	1284	E	44	24970	8090	446	C	35

Yarı Hermetik Model
Semi Hermetic Model

	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	SARBOX .... N 1~230V 50Hz 1400 rpm: Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	SARBOX .... L 1~230V 50Hz 950 rpm: Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	mm	Watt	m³/h	Watt	A-E	dB(A)	Watt	m³/h	Watt	A-E	dB(A)
1x1	S-043-145-2,5	16,4	450	10200	4390	288	D	45	8380	3240	174	C	30
	S-044-145-2,5	21,9	450	11770	4080	304	D	45	9370	2940	182	C	30
	S-053-145-2,5	20,9	450	11790	4770	269	D	45	9840	3630	172	C	30
	S-054-145-2,5	27,9	450	13670	4510	278	C	45	11090	3360	176	C	30
	S-053-150-2,5	20,9	500	14440	6730	618	E	44	11040	4410	205	C	35
	S-054-150-2,5	27,9	500	16810	6110	642	E	44	12670	4040	223	C	35
1x2	S-063-240-2,5	26,8	400	15130	6330	379	D	46	12530	4740	257	C	31
	S-064-240-2,5	35,9	400	17210	5810	390	D	46	13890	4290	268	C	31
	S-073-245-2,5	32,9	450	20180	8780	575	D	45	16620	6480	349	C	30
	S-074-245-2,5	43,8	450	23180	8150	609	D	45	18440	5870	365	C	30
	S-083-250-2,5	41,8	500	28750	13470	1236	E	44	21980	8820	410	C	35
	S-084-250-2,5	55,7	500	33110	12220	1284	E	44	24970	8090	446	C	35
	S-093-250-2,5	45,2	500	30340	14040	1213	E	44	23080	9150	416	C	35
	S-094-250-2,5	60,3	500	34980	12810	1263	E	44	26290	8440	438	C	35
2x2	S-103-440-2,5	71,1	400	36950	14220	704	C	47	30340	10610	488	C	32
	S-103-445-2,5	71,1	450	43070	18080	1126	D	45	35710	13500	691	C	33
	S-104-445-2,5	94,9	450	49720	16930	1181	D	48	39800	12330	721	C	33
	S-113-445-2,5	97,1	450	51520	19790	1022	C	48	43250	15280	661	C	33
	S-113-450-2,5	97,1	500	65650	28990	2404	E	44	49980	18910	798	C	38
	S-114-450-2,5	129,3	500	75080	26620	2503	E	49	56000	17450	821	C	38
	D-013-450-2,5	175,3	500	90540	34840	2120	D	44	68090	22830	722	B	38
	D-014-450-2,5	233,5	500	105030	33560	2205	C	44	77200	22020	752	B	38
2x3	D-023-650-2,5	222,6	500	124070	49440	3308	D	44	92930	32430	1139	B	38
	D-024-650-2,5	296,9	500	143520	46820	3436	D	44	105280	30560	1144	B	38

Hermetik Model
Hermetic Model

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	L2	H	D	A	B1	B2	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
H-012-130-2,5	0,8	28	955	465	490	600	466	350	605	-	390	12,7	12,7
H-013-130-2,5	1,2	29	955	465	490	600	466	350	605	-	390	16	12,7
H-013-135-2,5	1,2	29	955	465	490	600	472	350	605	-	390	16	12,7
H-022-135-2,5	0,8	34	1055	515	540	600	572	450	705	-	490	16	12,7
H-023-135-2,5	1,2	35	1055	515	540	600	572	450	705	-	490	16	12,7
H-023-140-2,5	1,2	35	1055	515	540	600	592	450	705	-	490	16	12,7
H-024-140-2,5	1,7	36	1055	515	540	600	592	450	705	-	490	22	12,7
H-033-140-2,5	1,6	39	1055	515	540	700	592	450	705	-	490	22	16
H-034-140-2,5	2,1	40	1055	515	540	700	592	450	705	-	490	22	16
H-043-145-2,5	1,9	43	1155	615	540	700	592	470	805	-	510	22	16
H-044-145-2,5	2,5	44	1155	615	540	700	592	470	805	-	510	22	16
H-053-145-2,5	2,4	47	1305	765	540	700	592	470	955	-	510	22	16
H-054-145-2,5	3,2	49	1305	765	540	700	592	470	955	-	510	28	22
H-053-150-2,5	2,4	47	1305	765	540	700	596	470	955	-	510	22	16
H-054-150-2,5	3,2	49	1305	765	540	700	596	470	955	-	510	28	22
H-063-240-2,5	3,0	64	1055	515	540	1300	592	450	378	328	490	22	16
H-064-240-2,5	4,1	67	1055	515	540	1300	592	450	378	328	490	22	16
H-073-245-2,5	3,8	71	1155	615	540	1300	592	470	428	378	510	22	19
H-074-245-2,5	5,1	73	1155	615	540	1300	592	470	428	378	510	28	22
H-083-250-2,5	4,8	78	1305	765	540	1300	596	470	503	453	510	22	19
H-084-250-2,5	6,4	82	1305	765	540	1300	596	470	503	453	510	28	22

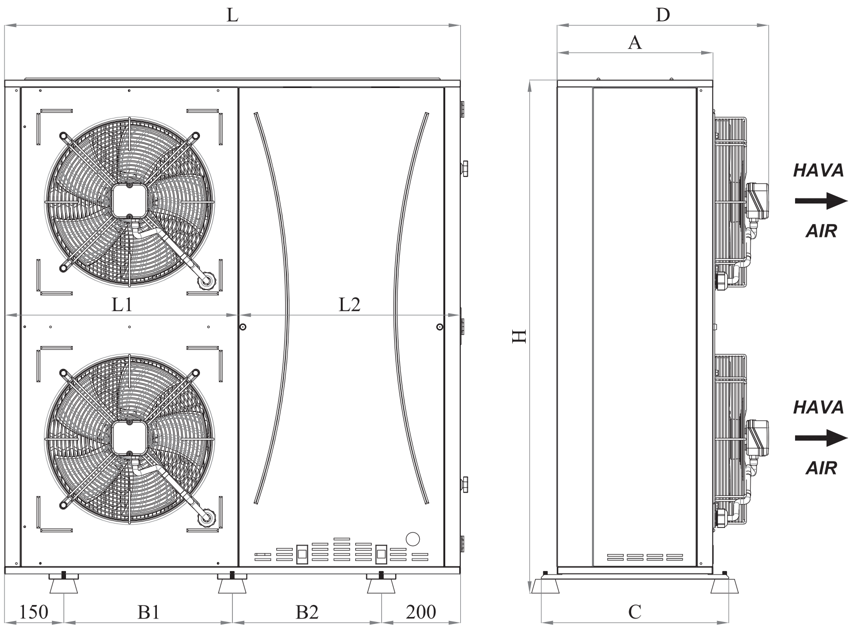
Yarı Hermetik Model
Semi Hermetic Model

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	L2	H	D	A	B1	B2	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
S-043-145-2,5	1,9	45	1255	615	640	700	592	470	905	-	510	22	16
S-044-145-2,5	2,5	46	1255	615	640	700	592	470	905	-	510	22	16
S-053-145-2,5	2,4	49	1405	765	640	700	592	470	1055		510	22	16
S-054-145-2,5	3,2	51	1405	765	640	700	592	470	1055	-	510	28	22
S-053-150-2,5	2,4	49	1405	765	640	700	596	470	1055	-	510	22	16
S-054-150-2,5	3,2	51	1405	765	640	700	596	470	1055	-	510	28	22
S-063-240-2,5	3,0	73	1155	515	640	1300	672	530	428	378	570	22	16
S-064-240-2,5	4,1	75	1155	515	640	1300	672	530	428	378	570	22	16
S-073-245-2,5	3,8	78	1255	615	640	1300	652	530	478	428	570	22	19
S-074-245-2,5	5,1	81	1255	615	640	1300	652	530	478	428	570	28	22
S-083-250-2,5	4,8	85	1405	765	640	1300	656	530	553	503	570	22	19
S-084-250-2,5	6,4	89	1405	765	640	1300	656	530	553	503	570	28	22
S-093-250-2,5	5,1	91	1405	765	640	1400	656	530	553	503	570	28	22
S-094-250-2,5	6,7	95	1405	765	640	1400	656	530	553	503	570	35	22
S-103-440-2,5	8,0	123	2030	1165	865	1400	692	550	865	815	590	35	22
S-103-445-2,5	8,0	123	2030	1165	865	1400	672	550	865	815	590	35	22
S-104-445-2,5	11,0	129	2030	1165	865	1400	672	550	865	815	590	35	22
S-113-445-2,5	11,2	144	2430	1565	865	1400	672	550	1065	1015	590	35	22
S-113-450-2,5	11,2	144	2430	1565	865	1400	676	550	1065	1015	590	35	22
S-114-450-2,5	14,7	153	2430	1565	865	1400	676	550	1065	1015	590	35	28
D-013-450-2,5	19,8	242	2490	1685	805	1366	1495	1400	869	403	1455	2x28	2x22
D-014-450-2,5	26,7	258	2490	1685	805	1366	1495	1400	869	403	1455	2x28	2x22
D-023-650-2,5	37,7	284	2990	2185	805	1366	1495	1400	1119	403	1455	2x35	2x28
D-024-650-2,5	50,2	304	2990	2185	805	1366	1495	1400	1119	403	1455	2x35	2x28

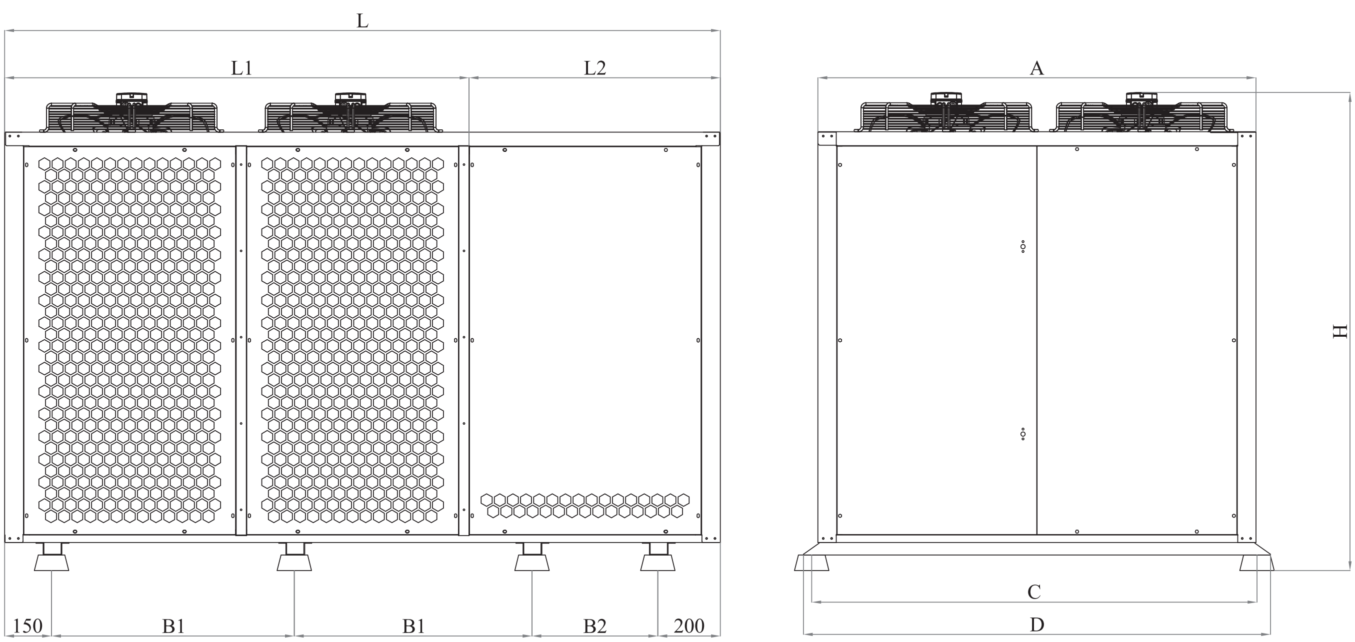
SAR
BOX

Teknik Çizim / Technical Drawing

H & S SERIES



D SERIES



Genel Özellikler / Specifications

Batarya
• Bakır borular Ø5/16", Ø3/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50/60 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coil
• Copper tubes Ø5/16", Ø3/8",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
• Maximum start up recommended for motors is 6 per hour,
• Condensers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
• Capacities are calculated for difference noise levels

Options
• Two refrigerant circuit,
• Different casing color,
• Three phase 400V 3~50/60 Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Repair Switch,

CHILLBOX Cabined Condenser

CHILLBOX Kabinli Kondenser

CHILLBOX Series

SARBUZ CHILLBOX – CHB serisi ufak kapasiteli chiller sistemleri ve SMB serisi ise birden fazla scrol kompresör kullanılan kondenser üniteleri için tasarlanmıştır. Yapıları gereği kurulumda yer tasarrufu da sağlamaktadırlar.

SARBUZ CHILLBOX – CHB type condenser series which are design for small capacities chiller systems and SMB series are designed for condensing units using multiple scroll compressors. CHILLBOX series also save space in installation, due to their structure.

Ürün Kodlama
Product Classification

CHB-34-350-2,5-N

CHILL
BOX

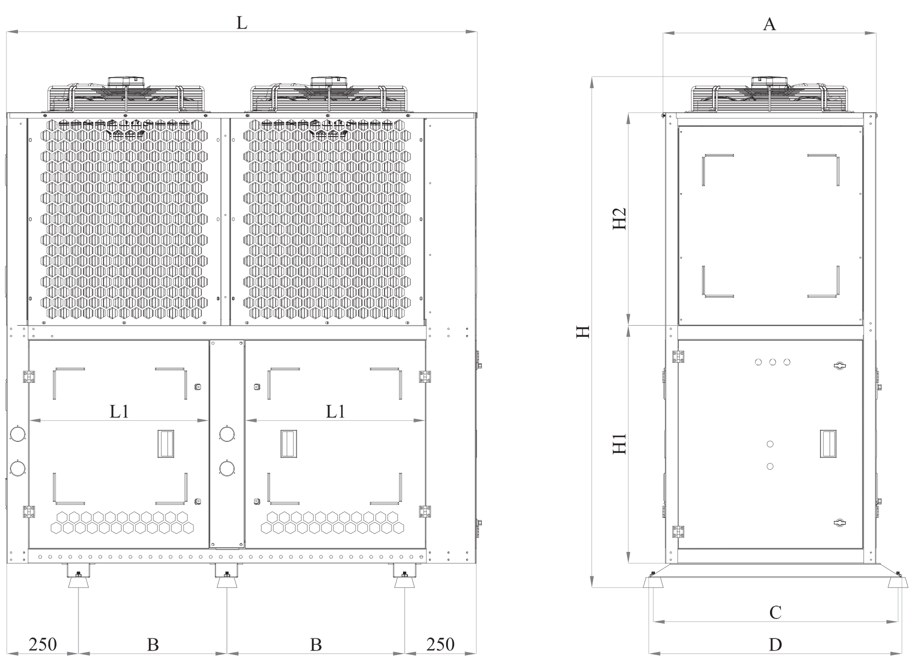
Chillbox kabinli kondenser Chillbox cabined condenser	**CHB-**
Kabin kodu Cabin code	**3**
Batarya kodu Coil code	**4-**
Fan 3 ad. x Ø500mm. Fan 3 pcs. xØ500 mm.	**350-**
Hatve (2,1 mm - 2,5 mm) Fin Spacing (2,1 mm - 2,5 mm)	**2,5-**
Ses seviyesi Noise level	**Normal ses seviyesi** / Normal noise level: **N** **Düşük ses seviyesi** / Low noise level: **L**

CHILLBOX-CHB Kabinli Kondenser / CHILLBOX-CHB Cabined Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

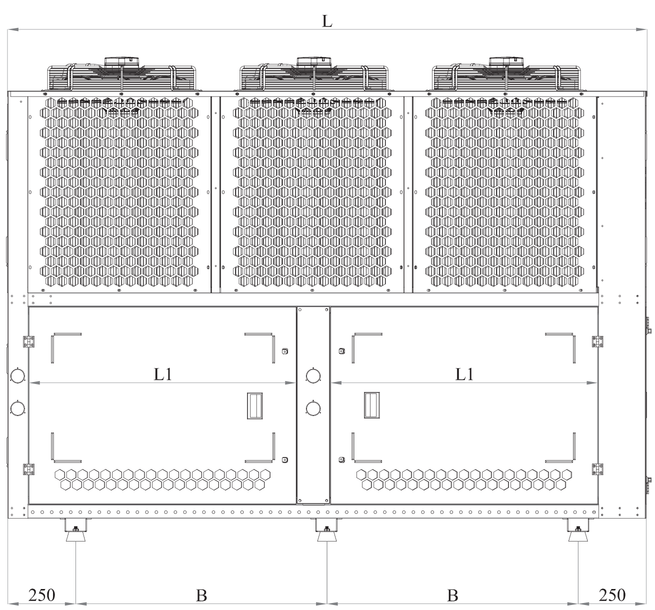
CHB Serisi / CHB Series				CHB .... N 1~230V 50Hz 1400 rpm - Ø500 mm fan 3~400V 50Hz 900 rpm - Ø630, Ø800 mm fan					CHB .... L 1~230V 50Hz 950 rpm - Ø500 mm fan 3~400V 50Hz 650 rpm - Ø630, Ø800 mm fan				
	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level	Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
2x	CHB-12-250-2,1	46,9	1x500	31460	16620	1220	E	44	24190	10920	390	D	35
	CHB-13-250-2,1	70,4	1x500	40780	15390	1264	E	44	30400	10020	400	C	35
	CHB-14-250-2,1	93,9	1x500	45960	14330	1312	E	44	33600	9340	410	C	35
	CHB-22-250-2,1	61,0	2x500	36070	17610	1216	E	44	27440	11530	388	C	35
	CHB-23-250-2,1	91,5	2x500	47010	16720	1260	D	44	34900	10960	398	C	35
	CHB-24-250-2,1	122,0	2x500	53430	15920	1308	D	44	38820	10420	408	C	35
3x	CHB-32-350-2,1	68,0	3x500	44030	24210	1830	E	46	33700	15850	585	D	37
	CHB-33-350-2,1	102,0	3x500	58080	22120	1896	E	46	43130	14430	600	C	37
	CHB-34-350-2,1	135,7	3x500	64450	20390	1968	E	46	46760	13320	615	C	37
	CHB-42-350-2,1	88,4	3x500	50690	25870	1824	E	46	38540	16960	582	D	37
	CHB-43-350-2,1	132,6	3x500	67450	24370	1890	E	46	49890	15990	597	C	37
	CHB-44-350-2,1	176,8	3x500	76910	22960	1962	D	46	55390	14960	612	C	37
4x	CHB-52-450-2,1	90,6	4x500	61500	32280	2440	E	47	47040	21130	780	D	38
	CHB-53-450-2,1	136,0	4x500	76510	29490	2528	E	47	56780	19240	800	C	38
	CHB-54-450-2,1	181,3	4x500	85090	27180	2624	E	47	61710	17750	820	C	38
	CHB-62-450-2,1	117,8	4x500	70800	34490	2432	E	47	53760	22610	776	C	38
	CHB-63-450-2,1	176,5	4x500	88610	32490	2520	E	47	65560	21320	796	C	38
	CHB-64-450-2,1	235,7	4x500	99510	30620	2616	D	47	71560	19950	816	C	38
2x	CHB-72-263-2,1	93,6	2x630	47590	20530	1020	D	37	38910	15060	618	D	31
	CHB-73-263-2,1	140,8	2x630	59870	19560	1080	D	37	47930	14370	640	C	31
	CHB-74-263-2,1	187,7	2x630	66660	18600	1140	D	37	52930	13760	660	C	31
3x	CHB-82-363-2,1	135,4	3x630	69300	30260	1530	D	39	56430	22150	927	D	33
	CHB-83-363-2,1	203,9	3x630	86320	28480	1620	D	39	69180	21040	960	C	33
	CHB-84-363-2,1	271,9	3x630	96530	26930	1710	D	39	76650	20010	990	C	33
2x	CHB-92-280-2,1	140,8	2x800	89860	44380	3200	E	44	78220	35380	2160	E	38
	CHB-93-280-2,1	211,2	2x800	115260	42330	3400	E	44	97780	33210	2200	D	38
	CHB-94-280-2,1	281,6	2x800	132230	40590	3600	D	44	109770	31510	2260	D	38
3x	CHB-103-380-2,1	305,9	3x800	163830	62140	5100	E	46	138540	48500	3300	D	40
	CHB-104-380-2,1	407,9	3x800	187100	59210	5400	E	46	154690	45670	3390	D	40

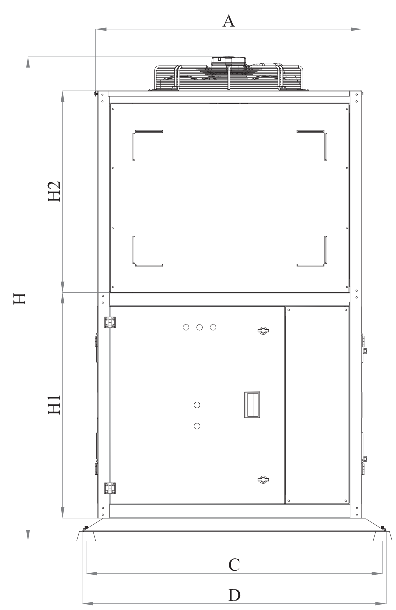


Ölçüler / Measures

CHB Serisi
CHB Series

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	H	H1	H2	D	A	B	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
CHB-12-250-2,1	4,6	264	1455	535	1596	830	542	1128	975	478	1050	2x22	2x19
CHB-13-250-2,1	6,9	271	1455	535	1596	830	542	1128	975	478	1050	2x28	2x22
CHB-14-250-2,1	9,2	279	1455	535	1596	830	542	1128	975	478	1050	2x28	2x22
CHB-22-250-2,1	6	272	1455	535	1746	830	692	1128	975	478	1050	2x28	2x22
CHB-23-250-2,1	9	282	1455	535	1746	830	692	1128	975	478	1050	2x28	2x22
CHB-24-250-2,1	12	292	1455	535	1746	830	692	1128	975	478	1050	2x28	2x22
CHB-32-350-2,1	10	360	2055	835	1596	830	542	1128	975	778	1050	2x28	2x22
CHB-33-350-2,1	15	373	2055	835	1596	830	542	1128	975	778	1050	2x28	2x22
CHB-34-350-2,1	19,5	386	2055	835	1596	830	542	1128	975	778	1050	2x28	2x22
CHB-42-350-2,1	13	373	2055	835	1746	830	692	1128	975	778	1050	2x28	2x22
CHB-43-350-2,1	19,5	390	2055	835	1746	830	692	1128	975	778	1050	2x35	2x28
CHB-44-350-2,1	26	406	2055	835	1746	830	692	1128	975	778	1050	2x35	2x28
CHB-52-450-2,1	13,3	436	2655	1135	1596	830	542	1128	975	1078	1050	2x28	2x22
CHB-53-450-2,1	20	453	2655	1135	1596	830	542	1128	975	1078	1050	2x35	2x28
CHB-54-450-2,1	26,6	470	2655	1135	1596	830	542	1128	975	1078	1050	2x35	2x28
CHB-62-450-2,1	17,3	453	2655	1135	1746	830	692	1128	975	1078	1050	2x28	2x22
CHB-63-450-2,1	25,3	475	2655	1135	1746	830	692	1128	975	1078	1050	2x35	2x28
CHB-64-450-2,1	34,6	497	2655	1135	1746	830	692	1128	975	1078	1050	2x35	2x28
CHB-72-263-2,1	8,6	340	1755	685	2120	1030	842	1128	975	628	1050	2x28	2x22
CHB-73-263-2,1	13,8	356	1755	685	2120	1030	842	1128	975	628	1050	2x28	2x22
CHB-74-263-2,1	18,4	371	1755	685	2120	1030	842	1128	975	628	1050	2x28	2x22
CHB-82-363-2,1	18,7	468	2505	1060	2120	1030	842	1128	975	1003	1050	2x28	2x22
CHB-83-363-2,1	30,0	494	2505	1060	2120	1030	842	1128	975	1003	1050	2x35	2x28
CHB-84-363-2,1	40,0	519	2505	1060	2120	1030	842	1128	975	1003	1050	2x35	2x28
CHB-92-280-2,1	13,8	563	2255	935	2353	1030	942	1428	1275	878	1350	2x35	2x28
CHB-93-280-2,1	20,7	586	2255	935	2353	1030	942	1428	1275	878	1350	2x35	2x28
CHB-94-280-2,1	27,7	609	2255	935	2353	1030	942	1428	1275	878	1350	2x42	2x35
CHB-103-380-2,1	44,0	812	3255	1435	2353	1030	942	1428	1275	1378	1350	2x42	2x35
CHB-104-380-2,1	58,7	850	3255	1435	2353	1030	942	1428	1275	1378	1350	2x42	2x35



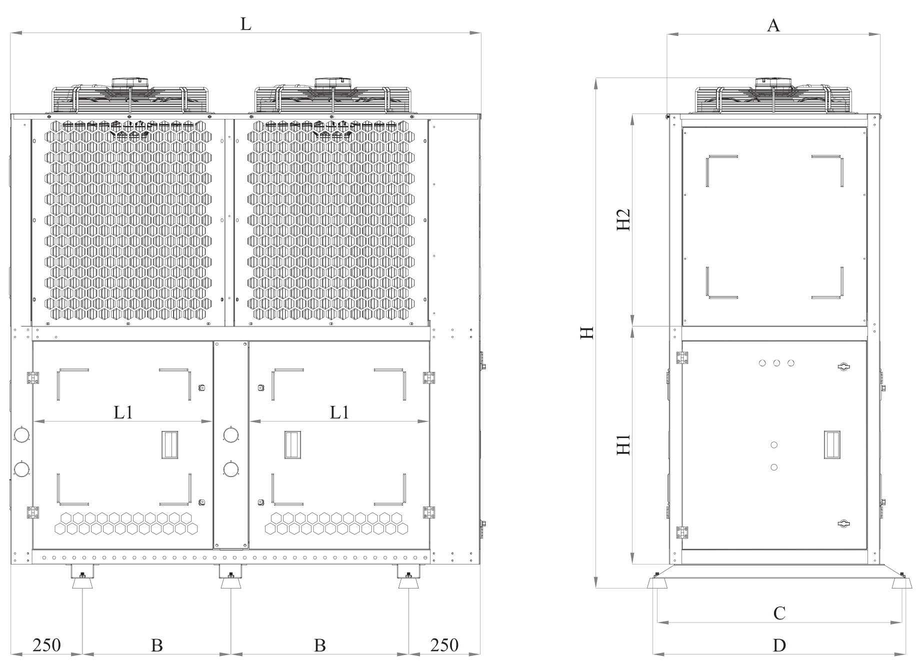


CHILLBOX-CHB Kabinli Kondenser / CHILLBOX-CHB Cabined Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

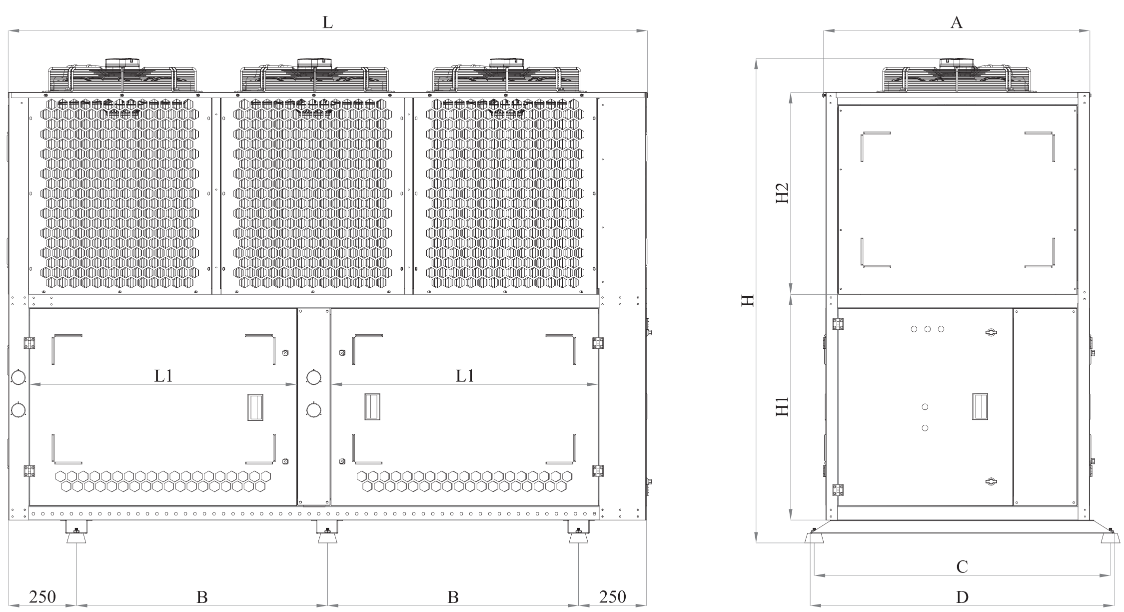
CHB Serisi / CHB Series				CHB .... N 1~230V 50Hz 1400 rpm - Ø500 mm fan 3~400V 50Hz 900 rpm - Ø630, Ø800 mm fan					CHB .... L 1~230V 50Hz 950 rpm - Ø500 mm fan 3~400V 50Hz 660 rpm - Ø630, Ø800 mm fan				
	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level	Kapasite / Capacity	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
2x	CHB-12-250-2,5	39,8	500	28170	16890	1196	E	44	21800	11080	382	D	35
	CHB-13-250-2,5	59,8	500	37450	15760	1239	E	44	28260	10300	392	C	35
	CHB-14-250-2,5	79,7	500	43150	14730	1286	E	44	31930	9620	402	C	35
	CHB-22-250-2,5	51,8	500	32310	17810	1192	E	44	24730	11640	380	D	35
	CHB-23-250-2,5	77,7	500	43100	16980	1235	E	44	32280	11130	390	C	35
	CHB-24-250-2,5	103,6	500	50050	16230	1282	D	44	36820	10650	400	C	35
3x	CHB-32-350-2,5	57,8	500	39730	24650	1793	E	46	30640	16160	573	D	37
	CHB-33-350-2,5	86,7	500	53710	22710	1858	E	46	40190	14780	588	D	37
	CHB-34-350-2,5	115,4	500	60860	21070	1929	E	46	44560	13720	603	C	37
	CHB-42-350-2,5	75,2	500	45720	26200	1788	E	46	34970	17160	570	D	37
	CHB-43-350-2,5	112,8	500	62200	24790	1852	E	46	46450	16270	585	C	37
	CHB-44-350-2,5	150,4	500	72610	23530	1923	D	46	52920	15350	600	C	37
4x	CHB-52-450-2,5	77,1	500	55530	32870	2391	E	47	42790	21550	764	D	38
	CHB-53-450-2,5	115,7	500	70690	30280	2477	E	47	52890	19710	784	D	38
	CHB-54-450-2,5	154,2	500	80310	28090	2572	E	47	58790	18300	804	C	38
	CHB-62-450-2,5	100,2	500	63870	34930	2383	E	47	48790	22870	760	D	38
	CHB-63-450-2,5	150,1	500	81650	33060	2470	E	47	60990	21690	780	C	38
	CHB-64-450-2,5	200,5	500	93690	31370	2564	D	47	68200	20470	800	C	38
2x	CHB-72-263-2,5	79,3	630	42870	20710	1000	D	37	35220	15190	606	D	31
	CHB-73-263-2,5	119,5	630	55240	19870	1058	D	37	44450	14560	627	C	31
	CHB-74-263-2,5	159,3	630	62980	18990	1117	D	37	50340	14030	647	C	31
3x	CHB-82-363-2,5	115,1	630	62810	30600	1499	D	39	51410	22430	908	D	33
	CHB-83-363-2,5	173,5	630	80130	29000	1588	D	39	64520	21360	941	D	33
	CHB-84-363-2,5	231,3	630	91600	27510	1676	D	39	73170	20410	970	C	33
2x	CHB-92-280-2,5	119,5	800	80540	44840	3136	E	44	70700	36070	2117	E	38
	CHB-93-280-2,5	179,2	800	105290	42910	3332	E	44	90020	33810	2156	D	38
	CHB-94-280-2,5	239,0	800	122910	41260	3528	E	44	103100	32200	2215	D	38
3x	CHB-103-380-2,5	260,2	800	150340	63040	4998	E	46	128090	49400	3234	D	40
	CHB-104-380-2,5	347,0	800	174860	60350	5292	E	46	145980	46780	3322	D	40



Ölçüler / Measures

CHB Serisi
CHB Series

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	H	H1	H2	D	A	B	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
CHB-12-250-2,5	4,6	262	1455	535	1596	830	542	1128	975	478	1050	2x22	2x19
CHB-13-250-2,5	6,9	269	1455	535	1596	830	542	1128	975	478	1050	2x28	2x22
CHB-14-250-2,5	9,2	276	1455	535	1596	830	542	1128	975	478	1050	2x28	2x22
CHB-22-250-2,5	6	270	1455	535	1746	830	692	1128	975	478	1050	2x28	2x22
CHB-23-250-2,5	9	279	1455	535	1746	830	692	1128	975	478	1050	2x28	2x22
CHB-24-250-2,5	12	288	1455	535	1746	830	692	1128	975	478	1050	2x28	2x22
CHB-32-350-2,5	10	358	2055	835	1596	830	542	1128	975	778	1050	2x28	2x22
CHB-33-350-2,5	15	370	2055	835	1596	830	542	1128	975	778	1050	2x28	2x22
CHB-34-350-2,5	19,5	381	2055	835	1596	830	542	1128	975	778	1050	2x28	2x22
CHB-42-350-2,5	13	370	2055	835	1746	830	692	1128	975	778	1050	2x28	2x22
CHB-43-350-2,5	19,5	386	2055	835	1746	830	692	1128	975	778	1050	2x35	2x28
CHB-44-350-2,5	26	401	2055	835	1746	830	692	1128	975	778	1050	2x35	2x28
CHB-52-450-2,5	13,3	433	2655	1135	1596	830	542	1128	975	1078	1050	2x28	2x22
CHB-53-450-2,5	20	448	2655	1135	1596	830	542	1128	975	1078	1050	2x35	2x28
CHB-54-450-2,5	26,6	464	2655	1135	1596	830	542	1128	975	1078	1050	2x35	2x28
CHB-62-450-2,5	17,3	449	2655	1135	1746	830	692	1128	975	1078	1050	2x28	2x22
CHB-63-450-2,5	25,3	469	2655	1135	1746	830	692	1128	975	1078	1050	2x35	2x28
CHB-64-450-2,5	34,6	490	2655	1135	1746	830	692	1128	975	1078	1050	2x35	2x28
CHB-72-263-2,5	8,6	337	1755	685	2120	1030	842	1128	975	628	1050	2x28	2x22
CHB-73-263-2,5	13,8	351	1755	685	2120	1030	842	1128	975	628	1050	2x28	2x22
CHB-74-263-2,5	18,4	365	1755	685	2120	1030	842	1128	975	628	1050	2x28	2x22
CHB-82-363-2,5	18,7	464	2505	1060	2120	1030	842	1128	975	1003	1050	2x28	2x22
CHB-83-363-2,5	30,0	487	2505	1060	2120	1030	842	1128	975	1003	1050	2x35	2x28
CHB-84-363-2,5	40,0	510	2505	1060	2120	1030	842	1128	975	1003	1050	2x35	2x28
CHB-92-280-2,5	13,8	559	2255	935	2353	1030	942	1428	1275	878	1350	2x35	2x28
CHB-93-280-2,5	20,7	580	2255	935	2353	1030	942	1428	1275	878	1350	2x35	2x28
CHB-94-280-2,5	27,7	601	2255	935	2353	1030	942	1428	1275	878	1350	2x42	2x35
CHB-103-380-2,5	44,0	802	3255	1435	2353	1030	942	1428	1275	1378	1350	2x42	2x35
CHB-104-380-2,5	58,7	837	3255	1435	2353	1030	942	1428	1275	1378	1350	2x42	2x35

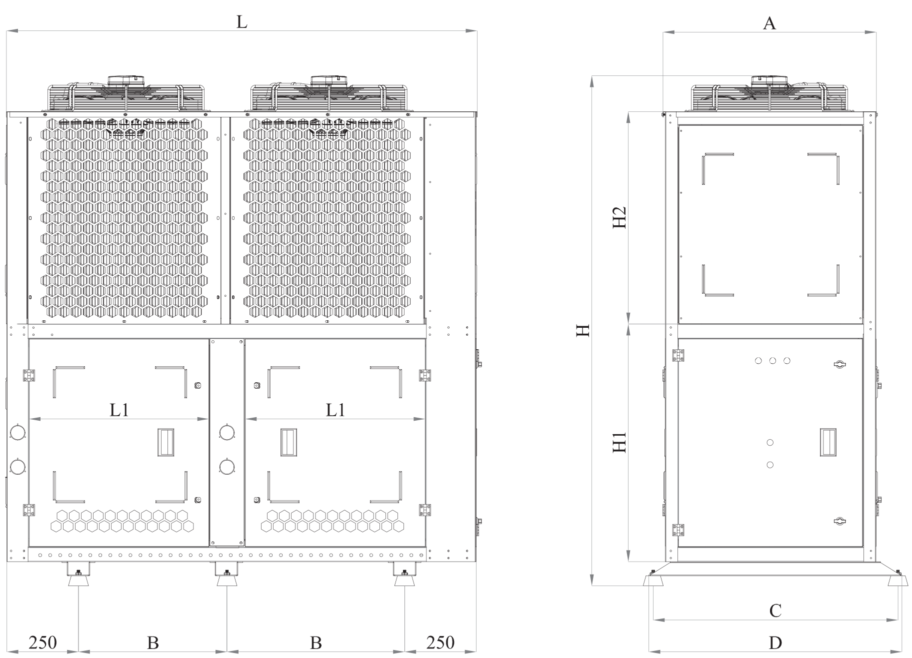


CHILLBOX-SMB Kabinli Kondenser / CHILLBOX-SMB Cabined Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

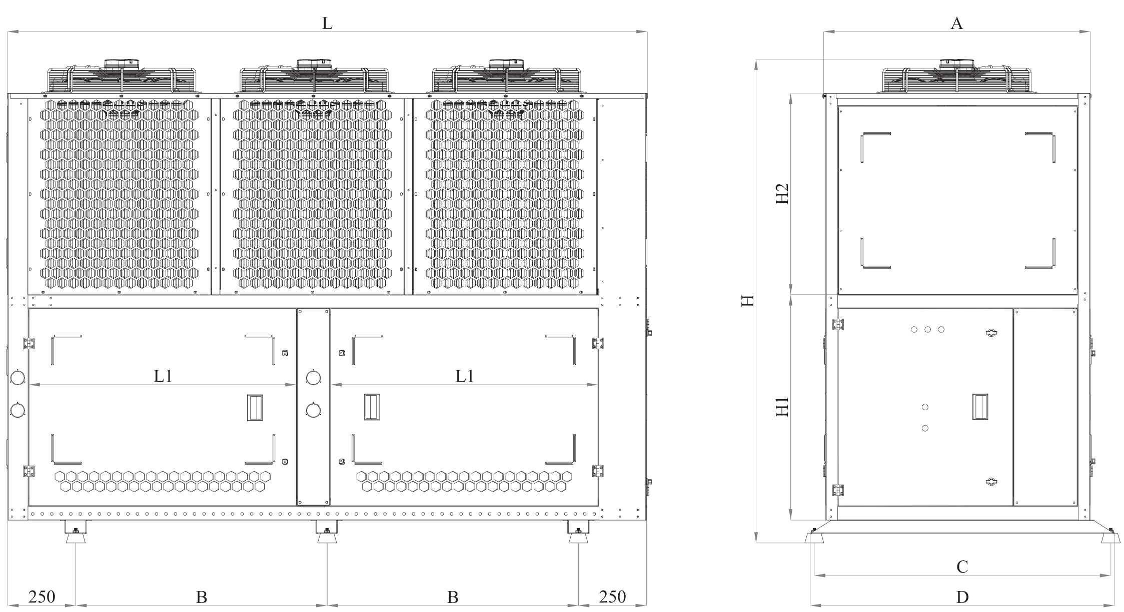
SMB Serisi / SMB Series				SMB .... N 1~230V 50Hz 1400 rpm					SMB .... L 1~230V 50Hz 950 rpm				
	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Fan Çapı / Fan Diameter	Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	mm	Watt	m³/h	Watt	A+-E	dB(A)	Watt	m³/h	Watt	A+-E	dB(A)
2x	SMB-12-250-2,1	46,9	500	31460	16620	1220	E	44	24190	10920	390	D	35
3x	SMB-13-350-2,1	70,4	500	40780	15390	1264	E	44	30400	10020	400	C	35
	SMB-14-350-2,1	93,9	500	45960	14330	1312	E	44	33600	9340	410	C	35
2x	SMB-22-250-2,1	61,0	500	36070	17610	1216	E	44	27440	11530	388	C	35
	SMB-23-250-2,1	91,5	500	47010	16720	1260	D	44	34900	10960	398	C	35
	SMB-24-250-2,1	122,0	500	53430	15920	1308	D	44	38820	10420	408	C	35
3x	SMB-32-350-2,1	68,0	500	44030	24210	1830	E	46	33700	15850	585	D	37
	SMB-33-350-2,1	102,0	500	58080	22120	1896	E	46	43130	14430	600	C	37
	SMB-34-350-2,1	135,7	500	64450	20390	1968	E	46	46760	13320	615	C	37
	SMB-42-350-2,1	88,4	500	50690	25870	1824	E	46	38540	16960	582	D	37
	SMB-43-350-2,1	132,6	500	67450	24370	1890	E	46	49890	15990	597	C	37
	SMB-44-350-2,1	176,8	500	76910	22960	1962	D	46	55390	14960	612	C	37
4x	SMB-52-450-2,1	90,6	500	61500	32280	2440	E	47	47040	21130	780	D	38
	SMB-53-450-2,1	136,0	500	76510	29490	2528	E	47	56780	19240	800	C	38
	SMB-54-450-2,1	181,3	500	85090	27180	2624	E	47	61710	17750	820	C	38
	SBM-62-450-2,1	117,8	500	70800	34490	2432	E	47	53760	22610	776	C	38
	SBM-63-450-2,1	176,5	500	88610	32490	2520	E	47	65560	21320	796	C	38
	SBM-64-450-2,1	235,7	500	99510	30620	2616	D	47	71560	19950	816	C	38



Ölçüler / Measures

SMB Serisi
SMB Series

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	H	H1	H2	D	A	B	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SMB-12-250-2,1	4,6	234	1455	535	1596	830	542	843	690	478	765	2x22	2x19
SMB-13-350-2,1	6,9	242	1455	535	1596	830	542	843	690	478	765	2x28	2x22
SMB-14-350-2,1	9,2	249	1455	535	1596	830	542	843	690	478	765	2x28	2x22
SMB-22-250-2,1	6	241	1455	535	1746	830	692	843	690	478	765	2x28	2x22
SMB-23-250-2,1	9	251	1455	535	1746	830	692	843	690	478	765	2x28	2x22
SMB-24-250-2,1	12	261	1455	535	1746	830	692	843	690	478	765	2x28	2x22
SMB-32-350-2,1	10	324	2055	835	1596	830	542	843	690	778	765	2x28	2x22
SMB-33-350-2,1	15	337	2055	835	1596	830	542	843	690	778	765	2x28	2x22
SMB-34-350-2,1	19,5	349	2055	835	1596	830	542	843	690	778	765	2x28	2x22
SMB-42-350-2,1	13	336	2055	835	1746	830	692	843	690	778	765	2x28	2x22
SMB-43-350-2,1	19,5	352	2055	835	1746	830	692	843	690	778	765	2x35	2x28
SMB-44-350-2,1	26	369	2055	835	1746	830	692	843	690	778	765	2x35	2x28
SMB-52-450-2,1	13,3	393	2655	1135	1596	830	542	843	690	1078	765	2x28	2x22
SMB-53-450-2,1	20	410	2655	1135	1596	830	542	843	690	1078	765	2x35	2x28
SMB-54-450-2,1	26,6	427	2655	1135	1596	830	542	843	690	1078	765	2x35	2x28
SBM-62-450-2,1	17,3	409	2655	1135	1746	830	692	843	690	1078	765	2x28	2x22
SBM-63-450-2,1	25,3	431	2655	1135	1746	830	692	843	690	1078	765	2x35	2x28
SBM-64-450-2,1	34,6	453	2655	1135	1746	830	692	843	690	1078	765	2x35	2x28

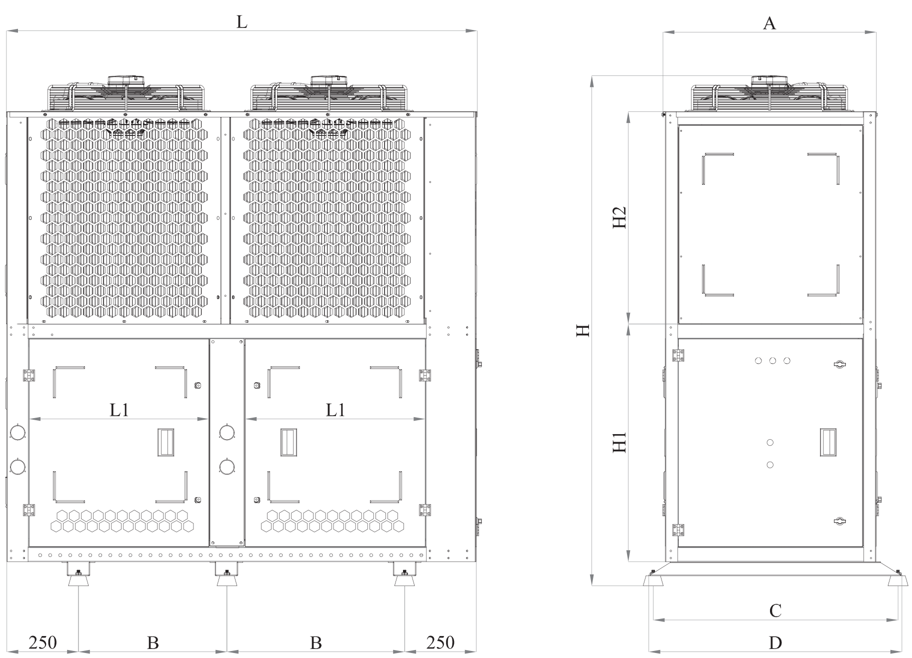


CHILLBOX-SMB Kabinli Kondenser / CHILLBOX-SMB Cabined Condenser

Kapasite / Capacity

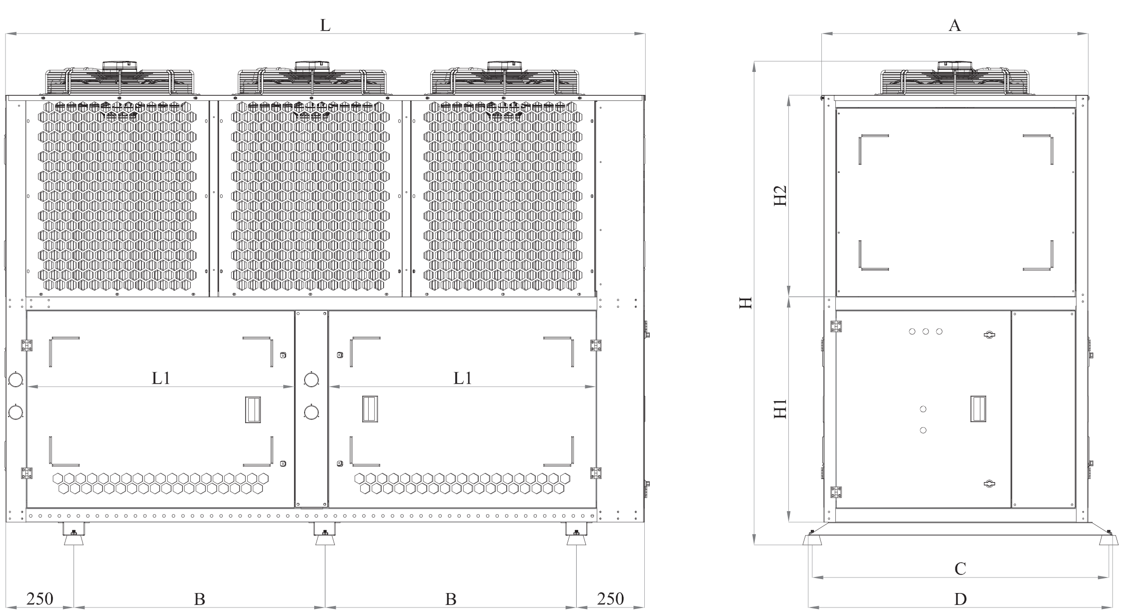
Lamel Aralığı / Fin Spacing **2,5 mm**

	SMB Serisi SMB Series			SMB .... N 1~230V 50Hz 1400 rpm					SMB .... L 1~230V 50Hz 950 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Fan Çapı Fan Diameter	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	mm	Watt	m³/h	Watt	A-E	dB(A)	Watt	m³/h	Watt	A-E	dB(A)
2x	SMB-12-250-2,5	39,8	500	28170	16890	1196	E	44	21800	11080	382	D	35
3x	SMB-13-350-2,5	59,8	500	37450	15760	1239	E	44	28260	10300	392	C	35
	SMB-14-350-2,5	79,7	500	43150	14730	1286	E	44	31930	9620	402	C	35
2x	SMB-22-250-2,5	51,8	500	32310	17810	1192	E	44	24730	11640	380	D	35
	SMB-23-250-2,5	77,7	500	43100	16980	1235	E	44	32280	11130	390	C	35
	SMB-24-250-2,5	103,6	500	50050	16230	1282	D	44	36820	10650	400	C	35
3x	SMB-32-350-2,5	57,8	500	39730	24650	1793	E	46	30640	16160	573	D	37
	SMB-33-350-2,5	86,7	500	53710	22710	1858	E	46	40190	14780	588	D	37
	SMB-34-350-2,5	115,4	500	60860	21070	1929	E	46	44560	13720	603	C	37
	SMB-42-350-2,5	75,2	500	45720	26200	1788	E	46	34970	17160	570	D	37
	SMB-43-350-2,5	112,8	500	62200	24790	1852	E	46	46450	16270	585	C	37
	SMB-44-350-2,5	150,4	500	72610	23530	1923	D	46	52920	15350	600	C	37
4x	SMB-52-450-2,5	77,1	500	55530	32870	2391	E	47	42790	21550	764	D	38
	SMB-53-450-2,5	115,7	500	70690	30280	2477	E	47	52890	19710	784	D	38
	SMB-54-450-2,5	154,2	500	80310	28090	2572	E	47	58790	18300	804	C	38
	SMB-62-450-2,5	100,2	500	63870	34930	2383	E	47	48790	22870	760	D	38
	SMB-63-450-2,5	150,1	500	81650	33060	2470	E	47	60990	21690	780	C	38
	SMB-64-450-2,5	200,5	500	93690	31370	2564	D	47	68200	20470	800	C	38



SMB Serisi
SMB Series

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	Boru Hacmi Tube Volume	Ağırlık Weight	L	L1	H	H1	H2	D	A	B	C	Giriş Inlet	Çıkış Outlet
	l	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SMB-12-250-2,5	4,6	232	1455	535	1596	830	542	843	690	478	765	2x22	2x19
SMB-13-350-2,5	6,9	239	1455	535	1596	830	542	843	690	478	765	2x28	2x22
SMB-14-350-2,5	9,2	246	1455	535	1596	830	542	843	690	478	765	2x28	2x22
SMB-22-250-2,5	6	239	1455	535	1746	830	692	843	690	478	765	2x28	2x22
SMB-23-250-2,5	9	248	1455	535	1746	830	692	843	690	478	765	2x28	2x22
SMB-24-250-2,5	12	257	1455	535	1746	830	692	843	690	478	765	2x28	2x22
SMB-32-350-2,5	10	322	2055	835	1596	830	542	843	690	778	765	2x28	2x22
SMB-33-350-2,5	15	334	2055	835	1596	830	542	843	690	778	765	2x28	2x22
SMB-34-350-2,5	19,5	345	2055	835	1596	830	542	843	690	778	765	2x28	2x22
SMB-42-350-2,5	13	333	2055	835	1746	830	692	843	690	778	765	2x28	2x22
SMB-43-350-2,5	19,5	348	2055	835	1746	830	692	843	690	778	765	2x35	2x28
SMB-44-350-2,5	26	363	2055	835	1746	830	692	843	690	778	765	2x35	2x28
SMB-52-450-2,5	13,3	390	2655	1135	1596	830	542	843	690	1078	765	2x28	2x22
SMB-53-450-2,5	20	406	2655	1135	1596	830	542	843	690	1078	765	2x35	2x28
SMB-54-450-2,5	26,6	421	2655	1135	1596	830	542	843	690	1078	765	2x35	2x28
SMB-62-450-2,5	17,3	405	2655	1135	1746	830	692	843	690	1078	765	2x28	2x22
SMB-63-450-2,5	25,3	426	2655	1135	1746	830	692	843	690	1078	765	2x35	2x28
SMB-64-450-2,5	34,6	446	2655	1135	1746	830	692	843	690	1078	765	2x35	2x28



Genel Özellikler / Specifications

Batarya
- Bakır borular Ø5/16", Ø3/8",
- Fin malzemesi alüminyumdur,
- Lamel arası 2,1 - 2,5 mm'dir,
- Giriş – çıkış kolektör malzemesi bakırdır,
- İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
- Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
- Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
- Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz,
- Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -30°C ile +40/+55°C arasıdır,
- Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
- Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
- Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
- Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
- Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
- Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
- Çift akışkan devreli imalat,
- Farklı dış kabin rengi,
- Trifaze 400V 3~50/60 Hz Fan,
- Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
- Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
- Pako şalter,

Coil
- Copper tubes Ø5/16", Ø3/8",
- Fins made of aluminium,
- Fin spacing is 2,1 - 2,5 mm,
- Header inlet and outlet tube connections made of copper,
- Highest permissible working pressure Ps=32 Bar.

Casing
- Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
- Low-noise axial fans with maintenance free motors,
- Protection class IP44/54, single phase 230V 1~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -30°C up to +40/+55°C,
- Maximum start up recommended for motors is 6 per hour,
- Condensers are designed for outdoor operation with no external pressure drops being considered,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
- The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
- Capacities are calculated for difference noise levels

Options
- Two refrigerant circuit,
- Different casing color,
- Three phase 400V 3~50/60 Hz fans
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
- Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
- Repair Switch,

12 - 830 kW

SEK Industrial Condenser

SEK Endüstriyel Kondenser

SEK Series

SARBUZ SEK Serisi Endüstriyel Kondenserler, orta ve büyük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SEK Series Industrial Condensers are designed for middle and high capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SEK-H-23.63-B1-2,5-N

Endüstriyel kondenser
Industrial condenser — **SEK-**

H: Yatık tip / Horizontal
V: Dik tip / Vertical — **H-**

Fan dizilimi 2 x 3
2 Rows, 3 fans per row — **23.**

Fan çapı
Fan diameter — **63-**

Batarya kodu
Coil code — **B1-**

Hatve (2,1 mm - 2,5 mm)
Fin Spacing (2,1 mm - 2,5 mm) — **2,5-**

Normal ses seviyesi
Normal noise level — **N**

Düşük ses seviyesi
Low noise level — **L**

Çok düşük ses seviyesi
Quiet noise level — **Q**

Son derece düşük ses seviyesi
Extremely quiet noise level — **E**

SEK

SEK Endüstriyel Kondenser / SEK Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø500 mm

	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... N 1~230V 50Hz 1400 rpm – Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK .... L 3~ 400V - Δ 50Hz 930 rpm – Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
1x1	SEK-V/H-11.50-B1-2,1	36,3	5,2	20	7540	0,61	E	41	15	4860	0,20	C	32
	SEK-V/H-11.50-B2-2,1	48,3	7,0	23	6980	0,63	E	41	16	4570	0,21	C	32
	SEK-V/H-11.50-B3-2,1	45,3	6,5	23	8180	0,60	D	41	17	5360	0,20	C	32
	SEK-V/H-11.50-B4-2,1	60,4	8,7	26	7730	0,62	D	41	19	5050	0,21	C	32
1x2	SEK-V/H-12.50-B1-2,1	72,5	10,4	40	15080	1,22	E	44	29	9720	0,40	C	35
	SEK-V/H-12.50-B2-2,1	96,7	13,9	45	13970	1,26	E	44	33	9130	0,42	C	35
	SEK-V/H-12.50-B3-2,1	90,6	13,0	46	16360	1,20	D	44	34	10730	0,40	C	35
	SEK-V/H-12.50-B4-2,1	120,9	17,4	52	15470	1,24	D	44	38	10090	0,42	C	35
1x3	SEK-V/H-13.50-B1-2,1	108,8	15,7	60	22610	1,83	E	46	44	14580	0,60	C	37
	SEK-V/H-13.50-B2-2,1	145,0	20,9	66	20950	1,89	E	46	48	13700	0,63	C	37
	SEK-V/H-13.50-B3-2,1	136,0	19,6	69	24530	1,80	D	46	51	16090	0,60	C	37
	SEK-V/H-13.50-B4-2,1	181,3	26,1	77	23200	1,86	D	46	56	15140	0,63	C	37
1x4	SEK-V/H-14.50-B1-2,1	145,0	20,9	81	30150	2,44	E	47	60	19440	0,80	C	38
	SEK-V/H-14.50-B2-2,1	193,4	27,8	91	27930	2,52	E	47	66	18270	0,84	C	38
	SEK-V/H-14.50-B3-2,1	181,3	26,1	93	32710	2,40	D	47	69	21460	0,80	C	38
	SEK-V/H-14.50-B4-2,1	241,7	34,8	104	30930	2,48	D	47	75	20180	0,84	C	38
2x1	SEK-V/H-21.50-B1-2,1	72,5	10,4	40	15080	1,22	E	44	29	9720	0,40	C	35
	SEK-V/H-21.50-B2-2,1	96,7	13,9	45	13970	1,26	E	44	33	9130	0,42	C	35
	SEK-V/H-21.50-B3-2,1	90,6	13,0	46	16360	1,20	D	44	34	10730	0,40	C	35
	SEK-V/H-21.50-B4-2,1	120,9	17,4	51	15470	1,24	D	44	36	10090	0,42	C	35
2x2	SEK-V/H-22.50-B1-2,1	145,0	20,9	79	30150	2,44	E	47	58	19440	0,80	C	38
	SEK-V/H-22.50-B2-2,1	193,4	27,8	91	27930	2,52	E	47	66	18270	0,84	C	38
	SEK-V/H-22.50-B3-2,1	181,3	26,1	92	32710	2,40	D	47	68	21460	0,80	C	38
	SEK-V/H-22.50-B4-2,1	241,7	34,8	103	30930	2,48	D	47	74	20180	0,84	C	38
2x3	SEK-V/H-23.50-B1-2,1	217,5	31,3	119	45230	3,66	E	49	88	29160	1,20	C	40
	SEK-V/H-23.50-B2-2,1	290,1	41,7	133	41900	3,78	E	49	96	27400	1,26	C	40
	SEK-V/H-23.50-B3-2,1	271,9	39,1	138	49070	3,60	D	49	102	32190	1,20	C	40
	SEK-V/H-23.50-B4-2,1	362,6	52,2	155	46400	3,72	D	49	111	30280	1,26	C	40
2x4	SEK-V/H-24.50-B1-2,1	290,1	41,7	163	60300	4,88	E	50	120	38880	1,60	C	41
	SEK-V/H-24.50-B2-2,1	386,7	55,6	181	55860	5,04	E	50	131	36540	1,68	C	41
	SEK-V/H-24.50-B3-2,1	362,6	52,2	186	65430	4,80	D	50	138	42920	1,60	C	41
	SEK-V/H-24.50-B4-2,1	483,4	69,6	209	61860	4,96	D	50	151	40370	1,68	C	41

FAN: Ø630 mm

	Model	m²	l	SEK .... N 1~230V 50Hz 860 rpm – kW	m³/h	kW	A+ - E	dB(A)	SEK................. L 3~ 400V - Δ 50Hz 660 rpm – kW	m³/h	kW	A+ - E	dB(A)
1x1	SEK-V/H-11.63-B1-2,1	56,7	8,2	26	8900	0,56	D	34	21	6620	0,30	C	29
	SEK-V/H-11.63-B2-2,1	75,5	10,9	28	8370	0,60	D	34	23	6220	0,33	D	29
1x2	SEK-V/H-12.63-B1-2,1	113,3	16,3	52	17800	1,12	D	37	42	13240	0,60	C	32
	SEK-V/H-12.63-B2-2,1	151,1	21,7	58	16730	1,20	D	37	46	12440	0,66	C	32
1x3	SEK-V/H-13.63-B1-2,1	170,0	24,5	78	26700	1,68	D	39	63	19650	0,90	C	34
	SEK-V/H-13.63-B2-2,1	226,6	32,6	87	25100	1,80	D	39	69	18660	0,99	C	34
1x4	SEK-V/H-14.63-B1-2,1	226,6	32,6	106	35610	2,24	D	40	86	26470	1,20	C	35
	SEK-V/H-14.63-B2-2,1	302,1	43,5	117	33470	2,40	D	40	93	24880	1,32	C	35
1x5	SEK-V/H-15.63-D1-2,1	356,4	58,9	141	43840	2,80	D	41	114	32560	1,50	C	36
	SEK-V/H-15.63-D2-2,1	475,1	78,5	154	41120	3,00	D	41	121	30510	1,65	C	36
1x6	SEK-V/H-16.63-D1-2,1	427,6	70,7	170	52610	3,36	D	42	137	39070	1,80	C	37
	SEK-V/H-16.63-D2-2,1	570,2	94,2	185	49340	3,60	D	42	146	36610	1,98	C	37
2x1	SEK-V/H-21.63-B1-2,1	113,3	16,3	54	17800	1,12	D	37	42	13240	0,60	C	32
	SEK-V/H-21.63-B2-2,1	151,1	21,7	57	16730	1,20	D	37	45	12440	0,66	D	32
2x2	SEK-V/H-22.63-B1-2,1	226,6	32,6	104	35610	2,24	D	40	84	26470	1,20	C	35
	SEK-V/H-22.63-B2-2,1	302,1	43,5	117	33470	2,40	D	40	93	24880	1,32	C	35
2x3	SEK-V/H-23.63-B1-2,1	339,9	48,9	157	53410	3,36	D	42	126	39710	1,80	C	37
	SEK-V/H-23.63-B2-2,1	453,2	65,2	173	50200	3,60	D	42	138	37320	1,98	C	37
2x4	SEK-V/H-24.63-B1-2,1	453,2	65,2	211	71210	4,48	D	43	171	52940	2,40	C	38
	SEK-V/H-24.63-B2-2,1	604,3	86,9	234	66940	4,80	D	43	186	49770	2,64	C	38
2x5	SEK-V/H-25.63-D1-2,1	712,7	117,8	283	87680	5,60	D	44	227	65120	3,00	C	39
	SEK-V/H-25.63-D2-2,1	950,3	157,1	307	82240	6,00	D	44	242	61020	3,30	C	39
2x6	SEK-V/H-26.63-D1-2,1	855,3	141,4	339	105210	6,72	D	45	274	78140	3,60	C	40
	SEK-V/H-26.63-D2-2,1	1140,3	188,5	369	98690	7,20	D	45	292	73220	3,96	C	40

FAN: Ø500 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... Q 3~ 400V - Y 50Hz 800 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK .... E Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	Ağırlık Weigh
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m	
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-V/H-11.50-B1-2,1	36,3	5,2	13	4310	0,17	C	27	-	-	-	-	-	91
SEK-V/H-11.50-B2-2,1	48,3	7,0	15	4000	0,18	C	27	-	-	-	-	-	96
SEK-V/H-11.50-B3-2,1	45,3	6,5	15	4640	0,17	C	27	-	-	-	-	-	99
SEK-V/H-11.50-B4-2,1	60,4	8,7	17	4400	0,18	C	27	-	-	-	-	-	105
SEK-V/H-12.50-B1-2,1	72,5	10,4	27	8610	0,34	C	30	-	-	-	-	-	146
SEK-V/H-12.50-B2-2,1	96,7	13,9	30	8010	0,36	C	30	-	-	-	-	-	156
SEK-V/H-12.50-B3-2,1	90,6	13,0	31	9270	0,34	C	30	-	-	-	-	-	173
SEK-V/H-12.50-B4-2,1	120,9	17,4	34	8790	0,36	C	30	-	-	-	-	-	173
SEK-V/H-13.50-B1-2,1	108,8	15,7	40	12910	0,51	C	32	-	-	-	-	-	204
SEK-V/H-13.50-B2-2,1	145,0	20,9	43	12010	0,54	C	32	-	-	-	-	-	220
SEK-V/H-13.50-B3-2,1	136,0	19,6	46	13910	0,51	C	32	-	-	-	-	-	228
SEK-V/H-13.50-B4-2,1	181,3	26,1	50	13190	0,54	C	32	-	-	-	-	-	247
SEK-V/H-14.50-B1-2,1	145,0	20,9	55	17220	0,68	C	33	-	-	-	-	-	260
SEK-V/H-14.50-B2-2,1	193,4	27,8	59	16020	0,72	C	33	-	-	-	-	-	281
SEK-V/H-14.50-B3-2,1	181,3	26,1	62	18540	0,68	C	33	-	-	-	-	-	298
SEK-V/H-14.50-B4-2,1	241,7	34,8	67	17580	0,72	C	33	-	-	-	-	-	326
SEK-V/H-21.50-B1-2,1	72,5	10,4	27	8610	0,34	C	30	-	-	-	-	-	122
SEK-V/H-21.50-B2-2,1	96,7	13,9	30	8010	0,36	C	30	-	-	-	-	-	132
SEK-V/H-21.50-B3-2,1	90,6	13,0	30	9270	0,34	C	30	-	-	-	-	-	135
SEK-V/H-21.50-B4-2,1	120,9	17,4	33	8790	0,36	C	30	-	-	-	-	-	148
SEK-V/H-22.50-B1-2,1	145,0	20,9	53	17130	0,68	C	33	-	-	-	-	-	200
SEK-V/H-22.50-B2-2,1	193,4	27,8	59	16020	0,72	C	33	-	-	-	-	-	219
SEK-V/H-22.50-B3-2,1	181,3	26,1	61	18540	0,68	C	33	-	-	-	-	-	226
SEK-V/H-22.50-B4-2,1	241,7	34,8	66	17580	0,72	C	33	-	-	-	-	-	251
SEK-V/H-23.50-B1-2,1	217,5	31,3	80	25830	1,02	C	35	-	-	-	-	-	284
SEK-V/H-23.50-B2-2,1	290,1	41,7	87	24030	1,08	C	35	-	-	-	-	-	316
SEK-V/H-23.50-B3-2,1	271,9	39,1	91	27810	1,02	C	35	-	-	-	-	-	326
SEK-V/H-23.50-B4-2,1	362,6	52,2	100	26370	1,08	C	35	-	-	-	-	-	365
SEK-V/H-24.50-B1-2,1	290,1	41,7	110	34440	1,36	C	36	-	-	-	-	-	364
SEK-V/H-24.50-B2-2,1	386,7	55,6	118	32040	1,44	C	36	-	-	-	-	-	407
SEK-V/H-24.50-B3-2,1	362,6	52,2	124	37080	1,36	C	36	-	-	-	-	-	432
SEK-V/H-24.50-B4-2,1	483,4	69,6	135	35160	1,44	C	36	-	-	-	-	-	489

FAN: Ø630 mm

Model	m²	l	SEK .... Q 3~ 400V - Y 50Hz 520 rpm kW	m³/h	kW	A+ - E	db(A)	SEK .... E kW	m³/h	kW	A+ - E	db(A)	kg
SEK-V/H-11.63-B1-2,1	56,7	8,2	18	5250	0,18	C	23	-	-	-	-	-	111
SEK-V/H-11.63-B2-2,1	75,5	10,9	19	4860	0,19	C	23	-	-	-	-	-	118
SEK-V/H-12.63-B1-2,1	113,3	16,3	35	10510	0,36	C	26	-	-	-	-	-	185
SEK-V/H-12.63-B2-2,1	151,1	21,7	38	9720	0,38	C	26	-	-	-	-	-	201
SEK-V/H-13.63-B1-2,1	170,0	24,5	53	15760	0,54	C	28	-	-	-	-	-	257
SEK-V/H-13.63-B2-2,1	226,6	32,6	56	14580	0,57	C	28	-	-	-	-	-	282
SEK-V/H-14.63-B1-2,1	226,6	32,6	72	21020	0,72	C	29	-	-	-	-	-	337
SEK-V/H-14.63-B2-2,1	302,1	43,5	76	19440	0,76	C	29	-	-	-	-	-	373
SEK-V/H-15.63-D1-2,1	356,4	58,9	95	25750	0,90	C	30	-	-	-	-	-	458
SEK-V/H-15.63-D2-2,1	475,1	78,5	98	23780	0,95	C	30	-	-	-	-	-	515
SEK-V/H-16.63-D1-2,1	427,6	70,7	114	30900	1,08	C	31	-	-	-	-	-	541
SEK-V/H-16.63-D2-2,1	570,2	94,2	119	28530	1,14	C	31	-	-	-	-	-	610
SEK-V/H-21.63-B1-2,1	113,3	16,3	35	10510	0,36	C	26	-	-	-	-	-	158
SEK-V/H-21.63-B2-2,1	151,1	21,7	37	9720	0,38	C	26	-	-	-	-	-	173
SEK-V/H-22.63-B1-2,1	226,6	32,6	71	21020	0,72	C	29	-	-	-	-	-	271
SEK-V/H-22.63-B2-2,1	302,1	43,5	76	19440	0,76	C	29	-	-	-	-	-	304
SEK-V/H-23.63-B1-2,1	339,9	48,9	106	31530	1,08	C	31	-	-	-	-	-	381
SEK-V/H-23.63-B2-2,1	453,2	65,2	113	29160	1,14	C	31	-	-	-	-	-	430
SEK-V/H-24.63-B1-2,1	453,2	65,2	144	42040	1,44	C	32	-	-	-	-	-	506
SEK-V/H-24.63-B2-2,1	604,3	86,9	153	38880	1,52	C	32	-	-	-	-	-	578
SEK-V/H-25.63-D1-2,1	712,7	117,8	190	51490	1,80	C	33	-	-	-	-	-	707
SEK-V/H-25.63-D2-2,1	950,3	157,1	197	47550	1,90	C	33	-	-	-	-	-	821
SEK-V/H-26.63-D1-2,1	855,3	141,4	229	61790	2,16	C	34	-	-	-	-	-	838
SEK-V/H-26.63-D2-2,1	1140,3	188,5	237	57060	2,28	C	34	-	-	-	-	-	974

SEK Endüstriyel Kondenser / SEK Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø800 mm

	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... N 3~ 400V - Δ 50Hz 880 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK .... L 3~ 400V - Y 50Hz 670 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
	SEK-V/H-11.80-B1-2,1	81,6	11,7	49	19210	1,70	E	41	41	14760	1,12	E	35
	SEK-V/H-11.80-B2-2,1	108,8	15,7	55	17970	1,80	E	41	44	13500	1,14	D	35
1x1	SEK-V/H-11.80-B3-2,1	95,2	13,7	54	20310	1,65	E	41	45	15560	1,11	D	35
	SEK-V/H-11.80-B4-2,1	126,9	18,3	61	19090	1,70	E	41	50	14670	1,13	D	35
	SEK-V/H-11.80-B5-2,1	108,8	15,7	58	20960	1,60	E	41	49	16420	1,10	D	35
	SEK-V/H-11.80-B6-2,1	145,0	20,9	66	20070	1,65	D	41	54	15520	1,12	D	35
	SEK-V/H-12.80-B1-2,1	163,2	23,5	97	38420	3,40	E	44	81	29520	2,24	E	38
	SEK-V/H-12.80-B2-2,1	217,5	31,3	110	35990	3,60	E	44	89	26990	2,28	D	38
1x2	SEK-V/H-12.80-B3-2,1	190,3	27,4	107	40430	3,30	E	44	90	31320	2,22	D	38
	SEK-V/H-12.80-B4-2,1	253,8	36,5	121	38190	3,40	E	44	100	29340	2,26	D	38
	SEK-V/H-12.80-B5-2,1	217,5	31,3	116	41930	3,20	E	44	98	32840	2,20	D	38
	SEK-V/H-12.80-B6-2,1	290,0	41,7	132	40140	3,30	D	44	109	31050	2,24	D	38
	SEK-V/H-13.80-B1-2,1	244,7	35,2	150	57640	5,10	E	46	126	44290	3,36	D	40
	SEK-V/H-13.80-B2-2,1	326,3	47,0	169	53990	5,40	E	46	137	40490	3,42	D	40
1x3	SEK-V/H-13.80-B3-2,1	285,5	40,2	162	60640	4,95	E	46	137	46980	3,33	D	40
	SEK-V/H-13.80-B4-2,1	380,7	53,6	184	57280	5,10	E	46	152	44010	3,39	D	40
	SEK-V/H-13.80-B5-2,1	326,3	47,0	172	62890	4,80	E	46	147	49260	3,30	D	40
	SEK-V/H-13.80-B6-2,1	435,1	62,6	197	60210	4,95	D	46	164	46570	3,36	D	40
	SEK-V/H-14.80-D1-2,1	384,9	63,6	213	72650	6,80	E	47	175	54720	4,48	D	41
	SEK-V/H-14.80-D2-2,1	513,2	84,8	232	66500	7,20	E	47	185	49280	4,56	D	41
1x4	SEK-V/H-14.80-D3-2,1	449,0	74,2	233	77040	6,60	E	47	194	59230	4,44	D	41
	SEK-V/H-14.80-D4-2,1	598,7	99,0	257	72180	6,80	D	47	206	54260	4,52	D	41
	SEK-V/H-14.80-D5-2,1	513,2	84,8	248	80810	6,40	D	47	208	62640	4,40	D	41
	SEK-V/H-14.80-D6-2,1	684,2	113,1	275	76320	6,60	D	47	225	58590	4,48	D	41
	SEK-V/H-15.80-D1-2,1	481,1	79,5	264	90820	8,50	E	48	218	68400	5,60	D	42
	SEK-V/H-15.80-D2-2,1	641,4	106,0	289	83130	9,00	E	48	231	61600	5,70	D	42
1x5	SEK-V/H-15.80-D3-2,1	561,3	92,8	283	96300	8,25	E	48	239	74040	5,55	D	42
	SEK-V/H-15.80-D4-2,1	748,3	123,7	315	90220	8,50	D	48	256	67820	5,65	D	42
	SEK-V/H-15.80-D5-2,1	641,4	106,0	312	101010	8,00	D	48	262	78300	5,50	D	42
	SEK-V/H-15.80-D6-2,1	855,3	141,4	334	95410	8,25	D	48	276	73240	5,60	D	42
	SEK-V/H-16.80-D1-2,1	577,3	95,4	319	108980	10,20	E	49	263	82080	6,72	D	43
	SEK-V/H-16.80-D2-2,1	769,7	127,2	348	99750	10,80	E	49	278	73920	6,84	D	43
1x6	SEK-V/H-16.80-D3-2,1	673,5	111,3	345	115560	9,90	E	49	289	88850	6,66	D	43
	SEK-V/H-16.80-D4-2,1	898,0	148,4	383	108260	10,20	D	49	309	81390	6,78	D	43
	SEK-V/H-16.80-D5-2,1	769,7	127,2	366	121210	9,60	D	49	309	93970	6,60	D	43
	SEK-V/H-16.80-D6-2,1	1026,3	169,6	408	114490	9,90	D	49	335	87880	6,72	D	43
	SEK-V/H-21.80-B1-2,1	156,4	22,2	95	37830	3,40	E	44	79	29018	2,24	E	38
	SEK-V/H-21.80-B2-2,1	208,5	30,0	107	35210	3,60	E	44	86	26299	2,28	D	38
2x1	SEK-V/H-21.80-B3-2,1	182,4	25,9	105	39930	3,30	E	44	88	30861	2,22	D	38
	SEK-V/H-21.80-B4-2,1	243,2	35,0	119	35790	3,40	E	44	97	28788	2,26	D	38
	SEK-V/H-21.80-B5-2,1	208,5	30,0	113	41520	3,20	E	44	95	32428	2,20	D	38
	SEK-V/H-21.80-B6-2,1	278,0	40,0	129	39620	3,30	D	44	106	30585	2,24	D	38
	SEK-V/H-22.80-B1-2,1	312,7	44,3	189	75660	6,80	E	47	158	58036	4,48	E	41
	SEK-V/H-22.80-B2-2,1	416,9	60,0	214	70410	7,20	E	47	172	52599	4,56	D	41
2x2	SEK-V/H-22.80-B3-2,1	364,8	51,7	210	79850	6,60	E	47	176	61722	4,44	D	41
	SEK-V/H-22.80-B4-2,1	486,4	70,0	237	75180	6,80	E	47	195	57575	4,52	D	41
	SEK-V/H-22.80-B5-2,1	416,9	60,0	227	83050	6,40	E	47	191	64855	4,40	D	41
	SEK-V/H-22.80-B6-2,1	555,9	80,0	258	79230	6,60	D	47	213	61169	4,48	D	41
	SEK-V/H-23.80-B1-2,1	469,1	66,5	291	113490	10,20	E	49	244	87054	6,72	E	43
	SEK-V/H-23.80-B2-2,1	625,4	90,0	329	105620	10,80	E	49	266	78897	6,84	D	43
2x3	SEK-V/H-23.80-B3-2,1	547,2	75,9	316	119780	9,90	E	49	267	92583	6,66	D	43
	SEK-V/H-23.80-B4-2,1	729,7	102,7	360	112770	10,20	E	49	297	86362	6,78	D	43
	SEK-V/H-23.80-B5-2,1	625,4	90,0	336	124570	9,60	E	49	287	97283	6,60	D	43
	SEK-V/H-23.80-B6-2,1	833,9	120,0	386	118850	9,90	D	49	321	91754	6,72	D	43
	SEK-V/H-24.80-D1-2,1	769,7	127,2	427	145310	13,60	E	50	350	109436	8,96	D	44
	SEK-V/H-24.80-D2-2,1	1026,3	169,6	464	133000	14,40	E	50	369	98562	9,12	D	44
2x4	SEK-V/H-24.80-D3-2,1	898,0	148,4	465	154080	13,20	E	50	388	118468	8,88	D	44
	SEK-V/H-24.80-D4-2,1	1197,4	197,9	513	144350	13,60	D	50	412	108515	9,04	D	44
	SEK-V/H-24.80-D5-2,1	1026,3	169,6	496	161610	12,80	D	50	417	125287	8,80	D	44
	SEK-V/H-24.80-D6-2,1	1368,4	226,2	550	152650	13,20	D	50	450	117177	8,96	D	44
	SEK-V/H-25.80-D1-2,1	962,2	159,0	527	181630	17,00	E	51	437	136795	11,20	D	45
	SEK-V/H-25.80-D2-2,1	1282,9	212,1	578	166250	18,00	E	51	462	123202	11,40	D	45
2x5	SEK-V/H-25.80-D3-2,1	1122,5	185,6	566	192600	16,50	E	51	477	148084	11,10	D	45
	SEK-V/H-25.80-D4-2,1	1496,7	247,4	630	180440	17,00	D	51	511	135643	11,30	D	45
	SEK-V/H-25.80-D5-2,1	1347,0	222,7	638	204640	16,00	D	51	536	159373	11,00	D	45
	SEK-V/H-25.80-D6-2,1	1796,0	296,9	705	194270	16,50	D	51	572	149467	11,20	D	45
	SEK-V/H-26.80-D1-2,1	1154,6	190,9	639	217960	20,40	E	52	526	164154	13,44	D	46
	SEK-V/H-26.80-D2-2,1	1539,5	254,5	697	199500	21,60	E	52	555	147843	13,68	D	46
2x6	SEK-V/H-26.80-D3-2,1	1347,0	222,7	691	231120	19,80	E	52	579	177701	13,32	D	46
	SEK-V/H-26.80-D4-2,1	1796,0	296,9	765	216530	20,40	D	52	618	162722	13,56	D	46
	SEK-V/H-26.80-D5-2,1	1539,5	254,5	732	242420	19,20	D	52	619	187931	13,20	D	46
	SEK-V/H-26.80-D6-2,1	2052,6	339,3	830	228970	19,80	D	52	674	175766	13,44	D	46

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... Q 3~ 400V - Δ 50Hz 435 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	SEK .... E 3~ 400V - Y 50Hz 340 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ağırlık Weigh
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-V/H-11.80-B1-2,1	81,6	11,7	28	8630	0,31	C	23	23	6830	0,18	B	17	135
SEK-V/H-11.80-B2-2,1	108,8	15,7	29	7940	0,33	C	23	-	-	-	-	-	146
SEK-V/H-11.80-B3-2,1	95,2	13,7	31	9250	0,31	C	23	26	7380	0,18	B	17	146
SEK-V/H-11.80-B4-2,1	126,9	18,3	33	8630	0,33	C	23	-	-	-	-	-	158
SEK-V/H-11.80-B5-2,1	108,8	15,7	33	9720	0,31	C	23	28	7800	0,18	B	17	156
SEK-V/H-11.80-B6-2,1	145,0	20,9	36	9180	0,33	C	23	-	-	-	-	-	171
SEK-V/H-12.80-B1-2,1	163,2	23,5	55	17360	0,62	C	26	47	13650	0,36	B	20	230
SEK-V/H-12.80-B2-2,1	217,5	31,3	59	15880	0,66	C	26	-	-	-	-	-	254
SEK-V/H-12.80-B3-2,1	190,3	27,4	62	18500	0,62	C	26	51	14760	0,36	B	20	253
SEK-V/H-12.80-B4-2,1	253,8	36,5	66	17260	0,66	C	26	-	-	-	-	-	280
SEK-V/H-12.80-B5-2,1	217,5	31,3	66	19440	0,62	C	26	56	15600	0,36	B	20	275
SEK-V/H-12.80-B6-2,1	290,0	41,7	71	18350	0,66	C	26	-	-	-	-	-	307
SEK-V/H-13.80-B1-2,1	244,7	35,2	86	26040	0,93	C	28	71	20480	0,54	B	22	323
SEK-V/H-13.80-B2-2,1	326,3	47,0	91	23810	0,99	C	28	-	-	-	-	-	358
SEK-V/H-13.80-B3-2,1	285,5	40,2	94	27750	0,93	C	28	79	22150	0,54	B	22	366
SEK-V/H-13.80-B4-2,1	380,7	53,6	101	25900	0,99	C	28	-	-	-	-	-	411
SEK-V/H-13.80-B5-2,1	326,3	47,0	101	29160	0,93	C	28	85	23400	0,54	B	22	402
SEK-V/H-13.80-B6-2,1	435,1	62,6	109	27530	0,99	B	28	-	-	-	-	-	453
SEK-V/H-14.80-D1-2,1	384,9	63,6	118	32250	1,24	C	29	96	24890	0,72	B	23	462
SEK-V/H-14.80-D2-2,1	513,2	84,8	120	29080	1,32	C	29	-	-	-	-	-	523
SEK-V/H-14.80-D3-2,1	449,0	74,2	130	34920	1,24	C	29	107	27490	0,72	B	23	514
SEK-V/H-14.80-D4-2,1	598,7	99,0	134	31950	1,32	C	29	-	-	-	-	-	586
SEK-V/H-14.80-D5-2,1	513,2	84,8	140	36900	1,24	B	29	117	29530	0,72	B	23	567
SEK-V/H-14.80-D6-2,1	684,2	113,1	145	34430	1,32	B	29	-	-	-	-	-	649
SEK-V/H-15.80-D1-2,1	481,1	79,5	148	40310	1,55	C	30	121	31110	0,90	B	24	566
SEK-V/H-15.80-D2-2,1	641,4	106,0	151	36350	1,65	C	30	-	-	-	-	-	643
SEK-V/H-15.80-D3-2,1	561,3	92,8	162	43650	1,55	C	30	134	34360	0,90	B	24	632
SEK-V/H-15.80-D4-2,1	748,3	123,7	167	39940	1,65	C	30	-	-	-	-	-	721
SEK-V/H-15.80-D5-2,1	641,4	106,0	175	46130	1,55	B	30	146	36910	0,90	B	24	697
SEK-V/H-15.80-D6-2,1	855,3	141,4	181	43030	1,65	B	30	-	-	-	-	-	800
SEK-V/H-16.80-D1-2,1	577,3	95,4	177	48370	1,86	C	31	144	37330	1,08	B	25	670
SEK-V/H-16.80-D2-2,1	769,7	127,2	180	43620	1,98	C	31	-	-	-	-	-	762
SEK-V/H-16.80-D3-2,1	673,5	111,3	195	52380	1,86	C	31	161	41230	1,08	B	25	749
SEK-V/H-16.80-D4-2,1	898,0	148,4	201	47930	1,98	C	31	-	-	-	-	-	856
SEK-V/H-16.80-D5-2,1	769,7	127,2	210	55360	1,86	B	31	175	44290	1,08	B	25	828
SEK-V/H-16.80-D6-2,1	1026,3	169,6	218	51640	1,98	B	31	-	-	-	-	-	951
SEK-V/H-21.80-B1-2,1	156,4	22,2	54	17020	0,62	C	26	45	13280	0,36	B	20	196
SEK-V/H-21.80-B2-2,1	208,5	30,0	57	15480	0,66	C	26	-	-	-	-	-	217
SEK-V/H-21.80-B3-2,1	182,4	25,9	60	18200	0,62	C	26	50	14490	0,36	B	20	215
SEK-V/H-21.80-B4-2,1	243,2	35,0	64	16870	0,66	C	26	-	-	-	-	-	240
SEK-V/H-21.80-B5-2,1	208,5	30,0	65	19150	0,62	C	26	55	15320	0,36	B	20	234
SEK-V/H-21.80-B6-2,1	278,0	40,0	70	18060	0,66	C	26	-	-	-	-	-	262
SEK-V/H-22.80-B1-2,1	312,7	44,3	108	34030	1,24	C	29	89	26560	0,72	B	23	343
SEK-V/H-22.80-B2-2,1	416,9	60,0	114	30960	1,32	C	29	-	-	-	-	-	389
SEK-V/H-22.80-B3-2,1	364,8	51,7	120	36410	1,24	C	29	100	28970	0,72	B	23	382
SEK-V/H-22.80-B4-2,1	486,4	70,0	128	33730	1,32	C	29	-	-	-	-	-	436
SEK-V/H-22.80-B5-2,1	416,9	60,0	130	38290	1,24	C	29	109	30640	0,72	B	23	421
SEK-V/H-22.80-B6-2,1	555,9	80,0	140	36110	1,32	C	29	-	-	-	-	-	482
SEK-V/H-23.80-B1-2,1	469,1	66,5	168	51050	1,86	C	31	138	39840	1,08	B	25	485
SEK-V/H-23.80-B2-2,1	625,4	90,0	177	46440	1,98	C	31	-	-	-	-	-	554
SEK-V/H-23.80-B3-2,1	547,2	75,9	184	54610	1,86	C	31	154	43460	1,08	B	25	563
SEK-V/H-23.80-B4-2,1	729,7	102,7	196	50600	1,98	C	31	-	-	-	-	-	649
SEK-V/H-23.80-B5-2,1	625,4	90,0	197	57440	1,86	C	31	166	45960	1,08	B	25	624
SEK-V/H-23.80-B6-2,1	833,9	120,0	213	54170	1,98	C	31	-	-	-	-	-	723
SEK-V/H-24.80-D1-2,1	769,7	127,2	235	64500	2,48	C	32	191	49780	1,44	B	26	733
SEK-V/H-24.80-D2-2,1	1026,3	169,6	239	58160	2,64	C	32	-	-	-	-	-	856
SEK-V/H-24.80-D3-2,1	898,0	148,4	260	69850	2,48	C	32	215	54970	1,44	B	26	828
SEK-V/H-24.80-D4-2,1	1197,4	197,9	267	63900	2,64	C	32	-	-	-	-	-	971
SEK-V/H-24.80-D5-2,1	1026,3	169,6	280	73810	2,48	B	32	234	59050	1,44	B	26	923
SEK-V/H-24.80-D6-2,1	1368,4	226,2	291	68860	2,64	B	32	-	-	-	-	-	1087
SEK-V/H-25.80-D1-2,1	962,2	159,0	296	80600	3,10	C	33	241	62220	1,80	B	27	900
SEK-V/H-25.80-D2-2,1	1282,9	212,1	301	72690	3,30	C	33	-	-	-	-	-	1054
SEK-V/H-25.80-D3-2,1	1122,5	185,6	325	87310	3,10	C	33	269	68720	1,80	B	27	1019
SEK-V/H-25.80-D4-2,1	1496,7	247,4	334	79880	3,30	C	33	-	-	-	-	-	1199
SEK-V/H-25.80-D5-2,1	1347,0	222,7	359	94000	3,10	B	33	299	75210	1,80	B	27	1185
SEK-V/H-25.80-D6-2,1	1796,0	296,9	372	88300	3,30	B	33	-	-	-	-	-	1401
SEK-V/H-26.80-D1-2,1	1154,6	190,9	355	96740	3,72	C	34	288	74670	2,16	B	28	1067
SEK-V/H-26.80-D2-2,1	1539,5	254,5	361	87230	3,96	C	34	-	-	-	-	-	1252
SEK-V/H-26.80-D3-2,1	1347,0	222,7	391	104770	3,72	C	34	323	82460	2,16	B	28	1210
SEK-V/H-26.80-D4-2,1	1796,0	296,9	401	95850	3,96	C	34	-	-	-	-	-	1426
SEK-V/H-26.80-D5-2,1	1539,5	254,5	419	110710	3,72	B	34	351	88580	2,16	B	28	1353
SEK-V/H-26.80-D6-2,1	2052,6	339,3	433	103280	3,96	B	34	-	-	-	-	-	1599

SEK Endüstriyel Kondenser / SEK Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing 2,5 mm

FAN: Ø500 mm

	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... N 1~230V 50Hz 1400 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	SEK .... L 3~ 400V - Δ 50Hz 930 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
1x1	SEK-V/H-11.50-B1-2,5	30,0	5,2	18	7730	0,61	E	41	14	4970	0,20	D	32
	SEK-V/H-11.50-B2-2,5	40,0	7,0	21	7190	0,63	E	41	16	4680	0,21	C	32
	SEK-V/H-11.50-B3-2,5	37,5	6,5	21	8320	0,60	E	41	16	5460	0,20	C	32
	SEK-V/H-11.50-B4-2,5	50,0	8,7	25	7910	0,62	D	41	18	5180	0,21	C	32
1x2	SEK-V/H-12.50-B1-2,5	60,0	10,4	37	15450	1,22	E	44	27	9930	0,40	D	35
	SEK-V/H-12.50-B2-2,5	80,0	13,9	43	14390	1,26	E	44	31	9370	0,42	C	35
	SEK-V/H-12.50-B3-2,5	75,0	13,0	43	16640	1,20	E	44	32	10920	0,40	C	35
	SEK-V/H-12.50-B4-2,5	100,0	17,4	49	15830	1,24	D	44	36	10350	0,42	C	35
1x3	SEK-V/H-13.50-B1-2,5	90,0	15,7	55	23180	1,83	E	46	41	14900	0,60	D	37
	SEK-V/H-13.50-B2-2,5	120,0	20,9	63	21850	1,89	E	46	46	14070	0,63	C	37
	SEK-V/H-13.50-B3-2,5	112,5	19,6	64	24960	1,80	E	46	48	16380	0,60	C	37
	SEK-V/H-13.50-B4-2,5	150,0	26,1	73	23740	1,86	D	46	53	15530	0,63	C	37
1x4	SEK-V/H-14.50-B1-2,5	120,0	20,9	75	30900	2,44	E	47	56	19860	0,80	C	38
	SEK-V/H-14.50-B2-2,5	160,0	27,8	86	28780	2,52	E	47	63	18730	0,84	C	38
	SEK-V/H-14.50-B3-2,5	150,0	26,1	86	33280	2,40	E	47	64	21840	0,80	C	38
	SEK-V/H-14.50-B4-2,5	200,0	34,8	99	31650	2,48	D	47	72	20700	0,84	C	38
2x1	SEK-V/H-21.50-B1-2,5	60,0	10,4	37	15450	1,22	E	44	27	9930	0,40	D	35
	SEK-V/H-21.50-B2-2,5	80,0	13,9	43	14390	1,26	E	44	31	9370	0,42	C	35
	SEK-V/H-21.50-B3-2,5	75,0	13,0	42	16640	1,20	E	44	32	10920	0,40	C	35
	SEK-V/H-21.50-B4-2,5	100,0	17,4	48	15830	1,24	D	44	35	10350	0,42	C	35
2x2	SEK-V/H-22.50-B1-2,5	120,0	20,9	73	30900	2,44	E	47	54	19860	0,80	D	38
	SEK-V/H-22.50-B2-2,5	160,0	27,8	86	28780	2,52	E	47	62	18730	0,84	C	38
	SEK-V/H-22.50-B3-2,5	150,0	26,1	85	33280	2,40	E	47	63	21840	0,80	C	38
	SEK-V/H-22.50-B4-2,5	200,0	34,8	97	31650	2,48	D	47	71	20700	0,84	C	38
2x3	SEK-V/H-23.50-B1-2,5	180,0	31,3	110	46350	3,66	E	49	81	29790	1,20	D	40
	SEK-V/H-23.50-B2-2,5	240,0	41,7	125	43160	3,78	E	49	91	28100	1,26	C	40
	SEK-V/H-23.50-B3-2,5	225,0	39,1	127	49910	3,60	E	49	95	32750	1,20	C	40
	SEK-V/H-23.50-B4-2,5	300,0	52,2	146	47480	3,72	D	49	106	31050	1,26	C	40
2x4	SEK-V/H-24.50-B1-2,5	240,0	41,7	151	61800	4,88	E	50	112	39720	1,60	C	41
	SEK-V/H-24.50-B2-2,5	320,0	55,6	171	57550	5,04	E	50	125	37460	1,68	C	41
	SEK-V/H-24.50-B3-2,5	300,0	52,2	172	66550	4,80	E	50	129	43670	1,60	C	41
	SEK-V/H-24.50-B4-2,5	400,0	69,6	197	63300	4,96	D	50	144	41410	1,68	C	41

FAN: Ø630 mm

	Model	m²	l	SEK .... N 1~230V 50Hz 860 rpm kW	m³/h	kW	A+ - E	dB(A)	SEK................. L 3~ 400V - Δ 50Hz 660 rpm kW	m³/h	kW	A+ - E	dB(A)
1x1	SEK-V/H-11.63-B1-2,5	48,2	8,2	24	9090	0,56	D	34	20	6750	0,30	D	29
	SEK-V/H-11.63-B2-2,5	64,3	10,9	27	8560	0,60	D	34	22	6370	0,33	D	29
1x2	SEK-V/H-12.63-B1-2,5	96,4	16,3	48	18180	1,12	D	37	39	13500	0,60	D	32
	SEK-V/H-12.63-B2-2,5	128,5	21,7	55	17120	1,20	D	37	44	12730	0,66	D	32
1x3	SEK-V/H-13.63-B1-2,5	144,6	24,5	73	28280	1,68	D	39	59	20250	0,90	D	34
	SEK-V/H-13.63-B2-2,5	192,8	32,6	82	25670	1,80	D	39	66	19100	0,99	D	34
1x4	SEK-V/H-14.63-B1-2,5	192,8	32,6	98	36400	2,24	D	40	80	27000	1,20	D	35
	SEK-V/H-14.63-B2-2,5	257,0	43,5	111	34230	2,40	D	40	89	25470	1,32	D	35
1x5	SEK-V/H-15.63-D1-2,5	302,5	58,9	133	44790	2,80	D	41	107	33290	1,50	C	36
	SEK-V/H-15.63-D2-2,5	403,3	78,5	147	42120	3,00	D	41	117	31300	1,65	C	36
1x6	SEK-V/H-16.63-D1-2,5	363,0	70,7	160	53750	3,36	D	42	130	39940	1,80	C	37
	SEK-V/H-16.63-D2-2,5	484,0	94,2	177	50550	3,60	D	42	141	37560	1,98	C	37
2x1	SEK-V/H-21.63-B1-2,5	96,4	16,3	48	18180	1,12	D	37	39	13500	0,60	D	32
	SEK-V/H-21.63-B2-2,5	128,5	21,7	54	17120	1,20	D	37	43	12730	0,66	D	32
2x2	SEK-V/H-22.63-B1-2,5	192,8	32,6	97	36370	2,24	D	40	79	27000	1,20	D	35
	SEK-V/H-22.63-B2-2,5	257,0	43,5	111	34240	2,40	D	40	89	25470	1,32	D	35
2x3	SEK-V/H-23.63-B1-2,5	289,2	48,9	145	54550	3,36	D	42	118	40500	1,80	D	37
	SEK-V/H-23.63-B2-2,5	453,2	65,2	164	51350	3,60	D	42	131	38200	1,98	D	37
2x4	SEK-V/H-24.63-B1-2,5	385,5	65,2	197	72740	4,48	D	43	160	54000	2,40	D	38
	SEK-V/H-24.63-B2-2,5	514,0	86,9	222	68460	4,80	D	43	178	50930	2,64	D	38
2x5	SEK-V/H-25.63-D1-2,5	605,0	117,8	265	89590	5,60	D	44	215	66570	3,00	C	39
	SEK-V/H-25.63-D2-2,5	806,7	157,1	294	84240	6,00	D	44	234	62600	3,30	C	39
2x6	SEK-V/H-26.63-D1-2,5	726,0	141,4	319	107510	6,72	D	45	259	79890	3,60	C	40
	SEK-V/H-26.63-D2-2,5	968,0	188,5	354	101090	7,20	D	45	282	75130	3,96	C	40

FAN: Ø500 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... Q 3~ 400V - Y 50Hz 800 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK .... E Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	Ağırlık Weigh
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m	
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-V/H-11.50-B1-2,5	30,0	5,2	12	4400	0,17	C	27	-	-	-	-	-	90
SEK-V/H-11.50-B2-2,5	40,0	7,0	14	4120	0,18	C	27	-	-	-	-	-	94
SEK-V/H-11.50-B3-2,5	37,5	6,5	14	4720	0,17	C	27	-	-	-	-	-	97
SEK-V/H-11.50-B4-2,5	50,0	8,7	16	4500	0,18	C	27	-	-	-	-	-	103
SEK-V/H-12.50-B1-2,5	60,0	10,4	25	8790	0,34	C	30	-	-	-	-	-	144
SEK-V/H-12.50-B2-2,5	80,0	13,9	28	8250	0,36	C	30	-	-	-	-	-	153
SEK-V/H-12.50-B3-2,5	75,0	13,0	29	9430	0,34	C	30	-	-	-	-	-	169
SEK-V/H-12.50-B4-2,5	100,0	17,4	32	8990	0,36	C	30	-	-	-	-	-	169
SEK-V/H-13.50-B1-2,5	90,0	15,7	37	13190	0,51	C	32	-	-	-	-	-	201
SEK-V/H-13.50-B2-2,5	120,0	20,9	41	12370	0,54	C	32	-	-	-	-	-	216
SEK-V/H-13.50-B3-2,5	112,5	19,6	43	14150	0,51	C	32	-	-	-	-	-	223
SEK-V/H-13.50-B4-2,5	150,0	26,1	48	13490	0,54	C	32	-	-	-	-	-	242
SEK-V/H-14.50-B1-2,5	120,0	20,9	51	17580	0,68	C	33	-	-	-	-	-	256
SEK-V/H-14.50-B2-2,5	160,0	27,8	57	16500	0,72	C	33	-	-	-	-	-	275
SEK-V/H-14.50-B3-2,5	150,0	26,1	58	18860	0,68	C	33	-	-	-	-	-	292
SEK-V/H-14.50-B4-2,5	200,0	34,8	65	17980	0,72	C	33	-	-	-	-	-	319
SEK-V/H-21.50-B1-2,5	60,0	10,4	25	8790	0,34	C	30	-	-	-	-	-	120
SEK-V/H-21.50-B2-2,5	80,0	13,9	28	8250	0,36	C	30	-	-	-	-	-	129
SEK-V/H-21.50-B3-2,5	75,0	13,0	29	9430	0,34	C	30	-	-	-	-	-	133
SEK-V/H-21.50-B4-2,5	100,0	17,4	31	8990	0,36	C	30	-	-	-	-	-	144
SEK-V/H-22.50-B1-2,5	120,0	20,9	50	17580	0,68	C	33	-	-	-	-	-	195
SEK-V/H-22.50-B2-2,5	160,0	27,8	57	16500	0,72	C	33	-	-	-	-	-	213
SEK-V/H-22.50-B3-2,5	150,0	26,1	57	18860	0,68	C	33	-	-	-	-	-	220
SEK-V/H-22.50-B4-2,5	200,0	34,8	63	17980	0,72	C	33	-	-	-	-	-	243
SEK-V/H-23.50-B1-2,5	180,0	31,3	75	26370	1,02	C	35	-	-	-	-	-	278
SEK-V/H-23.50-B2-2,5	240,0	41,7	83	24750	1,08	C	35	-	-	-	-	-	307
SEK-V/H-23.50-B3-2,5	225,0	39,1	86	28290	1,02	C	35	-	-	-	-	-	317
SEK-V/H-23.50-B4-2,5	300,0	52,2	95	26970	1,08	C	35	-	-	-	-	-	354
SEK-V/H-24.50-B1-2,5	240,0	41,7	102	35160	1,36	C	36	-	-	-	-	-	355
SEK-V/H-24.50-B2-2,5	320,0	55,6	114	33000	1,44	C	36	-	-	-	-	-	395
SEK-V/H-24.50-B3-2,5	300,0	52,2	116	37720	1,36	C	36	-	-	-	-	-	421
SEK-V/H-24.50-B4-2,5	400,0	69,6	129	35960	1,44	C	36	-	-	-	-	-	474

FAN: Ø630 mm

Model			SEK .... Q 3~ 400V - Y 50Hz 520 rpm					SEK .... E					
SEK-V/H-11.63-B1-2,5	48,2	8,2	17	5390	0,18	C	23	-	-	-	-	-	109
SEK-V/H-11.63-B2-2,5	64,3	10,9	18	5000	0,19	C	23	-	-	-	-	-	116
SEK-V/H-12.63-B1-2,5	96,4	16,3	34	10770	0,36	C	26	-	-	-	-	-	181
SEK-V/H-12.63-B2-2,5	128,5	21,7	36	10010	0,38	C	26	-	-	-	-	-	196
SEK-V/H-13.63-B1-2,5	144,6	24,5	50	16160	0,54	C	28	-	-	-	-	-	252
SEK-V/H-13.63-B2-2,5	192,8	32,6	54	15010	0,57	C	28	-	-	-	-	-	275
SEK-V/H-14.63-B1-2,5	192,8	32,6	68	21540	0,72	C	29	-	-	-	-	-	330
SEK-V/H-14.63-B2-2,5	257,0	43,5	74	20020	0,76	C	29	-	-	-	-	-	363
SEK-V/H-15.63-D1-2,5	302,5	58,9	90	26400	0,90	C	30	-	-	-	-	-	444
SEK-V/H-15.63-D2-2,5	403,3	78,5	96	24560	0,95	C	30	-	-	-	-	-	497
SEK-V/H-16.63-D1-2,5	363,0	70,7	109	31690	1,08	C	31	-	-	-	-	-	525
SEK-V/H-16.63-D2-2,5	484,0	94,2	116	29480	1,14	C	31	-	-	-	-	-	588
SEK-V/H-21.63-B1-2,5	96,4	16,3	33	10770	0,36	C	26	-	-	-	-	-	154
SEK-V/H-21.63-B2-2,5	128,5	21,7	36	10010	0,38	C	26	-	-	-	-	-	168
SEK-V/H-22.63-B1-2,5	192,8	32,6	67	21540	0,72	C	29	-	-	-	-	-	264
SEK-V/H-22.63-B2-2,5	257,0	43,5	74	20020	0,76	C	29	-	-	-	-	-	295
SEK-V/H-23.63-B1-2,5	289,2	48,9	100	32320	1,08	C	31	-	-	-	-	-	370
SEK-V/H-23.63-B2-2,5	453,2	65,2	109	30030	1,14	C	31	-	-	-	-	-	416
SEK-V/H-24.63-B1-2,5	385,5	65,2	136	43090	1,44	C	32	-	-	-	-	-	492
SEK-V/H-24.63-B2-2,5	514,0	86,9	147	40040	1,52	C	32	-	-	-	-	-	559
SEK-V/H-25.63-D1-2,5	605,0	117,8	181	52810	1,80	C	33	-	-	-	-	-	679
SEK-V/H-25.63-D2-2,5	806,7	157,1	192	49130	1,90	C	33	-	-	-	-	-	784
SEK-V/H-26.63-D1-2,5	726,0	141,4	219	63370	2,16	C	34	-	-	-	-	-	804
SEK-V/H-26.63-D2-2,5	968,0	188,5	233	58950	2,28	C	34	-	-	-	-	-	930

SEK Endüstriyel Kondenser / SEK Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø800 mm

	Model	**Isı Transfer Yüzeyi Heat Transfer Areas**	**Boru Hacmi Tube Volume**	SEK .... N 3~ 400V - Δ 50Hz 880 rpm **Kapasite Capacity**	**Hava Debisi Air Flow**	**Fan Elektrik Gücü Power Consumption**	**Enerji Sınıfı Energy Efficiency Class**	**Ses Seviyesi Sound Pressure Level**	SEK .... L 3~ 400V - Y 50Hz 670 rpm **Kapasite Capacity**	**Hava Debisi Air Flow**	**Fan Elektrik Gücü Power Consumption**	**Enerji Sınıfı Energy Efficiency Class**	**Ses Seviyesi Sound Pressure Level**
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
	SEK-V/H-11.80-B1-2,5	69,4	11,7	45	19640	1,70	E	41	38	15130	1,12	E	35
	SEK-V/H-11.80-B2-2,5	92,5	15,7	51	18450	1,80	E	41	42	14000	1,14	D	35
1x1	SEK-V/H-11.80-B3-2,5	81,0	13,7	49	20550	1,65	E	41	42	16010	1,11	D	35
	SEK-V/H-11.80-B4-2,5	107,9	18,3	57	19530	1,70	E	41	47	15040	1,13	D	35
	SEK-V/H-11.80-B5-2,5	92,5	15,7	53	21260	1,60	E	41	45	16720	1,10	D	35
	SEK-V/H-11.80-B6-2,5	123,4	20,9	62	20420	1,65	D	41	51	15890	1,12	D	35
	SEK-V/H-12.80-B1-2,5	138,8	23,5	89	39280	3,40	E	44	75	30260	2,24	E	38
	SEK-V/H-12.80-B2-2,5	185,1	31,3	103	36900	3,60	E	44	85	28000	2,28	D	38
1x2	SEK-V/H-12.80-B3-2,5	161,9	27,4	99	41090	3,30	E	44	84	32010	2,22	D	38
	SEK-V/H-12.80-B4-2,5	215,9	36,5	114	39070	3,40	E	44	94	30080	2,26	D	38
	SEK-V/H-12.80-B5-2,5	185,1	31,3	107	42530	3,20	E	44	91	33440	2,20	D	38
	SEK-V/H-12.80-B6-2,5	246,7	41,7	123	40830	3,30	D	44	103	31780	2,24	D	38
	SEK-V/H-13.80-B1-2,5	208,2	35,2	138	58920	5,10	E	46	117	45390	3,36	E	40
	SEK-V/H-13.80-B2-2,5	277,6	47,0	159	55350	5,40	E	46	131	42010	3,42	D	40
1x3	SEK-V/H-13.80-B3-2,5	242,9	40,2	150	61640	4,95	E	46	128	48020	3,33	D	40
	SEK-V/H-13.80-B4-2,5	323,8	53,6	174	58600	5,10	E	46	145	45120	3,39	D	40
	SEK-V/H-13.80-B5-2,5	277,6	47,0	160	63790	4,80	E	46	137	50160	3,30	D	40
	SEK-V/H-13.80-B6-2,5	370,1	62,6	186	61250	4,95	D	46	156	47670	3,36	D	40
	SEK-V/H-14.80-D1-2,5	326,7	63,6	200	74660	6,80	E	47	167	57020	4,48	D	41
	SEK-V/H-14.80-D2-2,5	435,6	84,8	223	69120	7,20	E	47	179	51490	4,56	D	41
1x4	SEK-V/H-14.80-D3-2,5	381,1	74,2	218	78950	6,60	E	47	183	60890	4,44	D	41
	SEK-V/H-14.80-D4-2,5	508,2	99,0	245	74230	6,80	E	47	201	56470	4,52	D	41
	SEK-V/H-14.80-D5-2,5	435,6	84,8	233	82280	6,40	E	47	197	64210	4,40	D	41
	SEK-V/H-14.80-D6-2,5	580,8	113,1	264	78280	6,60	D	47	218	60340	4,48	D	41
	SEK-V/H-15.80-D1-2,5	408,4	79,5	248	93320	8,50	E	48	208	71280	5,60	D	42
	SEK-V/H-15.80-D2-2,5	544,5	106,0	278	86410	9,00	E	48	225	64370	5,70	D	42
1x5	SEK-V/H-15.80-D3-2,5	476,4	92,8	267	98980	8,25	E	48	226	76120	5,55	D	42
	SEK-V/H-15.80-D4-2,5	635,2	123,7	303	92780	8,50	E	48	249	70860	5,65	D	42
	SEK-V/H-15.80-D5-2,5	544,5	106,0	293	102860	8,00	D	48	248	80260	5,50	D	42
	SEK-V/H-15.80-D6-2,5	726,0	141,4	322	97850	8,25	D	48	268	75420	5,60	D	42
	SEK-V/H-16.80-D1-2,5	490,0	95,4	300	111980	10,20	E	49	251	85530	6,72	D	43
	SEK-V/H-16.80-D2-2,5	653,4	127,2	335	103690	10,80	E	49	270	77240	6,84	D	43
1x6	SEK-V/H-16.80-D3-2,5	571,7	111,3	325	118420	9,90	E	49	274	91340	6,66	D	43
	SEK-V/H-16.80-D4-2,5	762,3	148,4	367	111340	10,20	E	49	301	84700	6,78	D	43
	SEK-V/H-16.80-D5-2,5	653,4	127,2	345	123430	9,60	E	49	294	96320	6,60	D	43
	SEK-V/H-16.80-D6-2,5	871,2	169,6	392	117420	9,90	D	49	325	90510	6,72	D	43
	SEK-V/H-21.80-B1-2,5	133,0	22,2	87	38710	3,40	E	44	73	29760	2,24	E	38
	SEK-V/H-21.80-B2-2,5	177,3	30,0	100	36280	3,60	E	44	82	27360	2,28	E	38
2x1	SEK-V/H-21.80-B3-2,5	155,2	25,9	96	40640	3,30	E	44	81	31550	2,22	D	38
	SEK-V/H-21.80-B4-2,5	206,9	35,0	111	38470	3,40	E	44	92	29570	2,26	D	38
	SEK-V/H-21.80-B5-2,5	177,3	30,0	104	42140	3,20	E	44	89	33030	2,20	D	38
	SEK-V/H-21.80-B6-2,5	236,5	40,0	121	40380	3,30	D	44	100	31280	2,24	D	38
	SEK-V/H-22.80-B1-2,5	266,0	44,3	174	77420	6,80	E	47	147	59510	4,48	E	41
	SEK-V/H-22.80-B2-2,5	354,7	60,0	201	72560	7,20	E	47	164	54720	4,56	E	41
2x2	SEK-V/H-22.80-B3-2,5	310,4	51,7	193	812380	6,60	E	47	163	63100	4,44	D	41
	SEK-V/H-22.80-B4-2,5	413,8	70,0	223	76940	6,80	E	47	184	59140	4,52	D	41
	SEK-V/H-22.80-B5-2,5	354,7	60,0	209	84290	6,40	E	47	177	66050	4,40	D	41
	SEK-V/H-22.80-B6-2,5	472,9	80,0	242	80760	6,60	D	47	201	62550	4,48	D	41
	SEK-V/H-23.80-B1-2,5	399,0	66,5	269	113130	10,20	E	49	227	89270	6,72	E	43
	SEK-V/H-23.80-B2-2,5	532,0	90,0	310	108840	10,80	E	49	255	82080	6,84	D	43
2x3	SEK-V/H-23.80-B3-2,5	465,5	75,9	293	121930	9,90	E	49	249	94660	6,66	D	43
	SEK-V/H-23.80-B4-2,5	620,7	102,7	339	115420	10,20	E	49	282	88710	6,78	D	43
	SEK-V/H-23.80-B5-2,5	532,0	90,0	312	126430	9,60	E	49	267	99080	6,60	D	43
	SEK-V/H-23.80-B6-2,5	709,4	120,0	364	121140	9,90	D	49	305	93830	6,72	D	43
	SEK-V/H-24.80-D1-2,5	653,4	127,2	340	149310	13,60	E	50	333	114040	8,96	D	44
	SEK-V/H-24.80-D2-2,5	871,2	169,6	446	138250	14,40	E	50	359	102990	9,12	D	44
2x4	SEK-V/H-24.80-D3-2,5	762,3	148,4	437	157890	13,20	E	50	367	121790	8,88	D	44
	SEK-V/H-24.80-D4-2,5	1016,4	197,9	491	148450	13,60	E	50	402	112940	9,04	D	44
	SEK-V/H-24.80-D5-2,5	871,2	169,6	466	164570	12,80	E	50	395	128420	8,80	D	44
	SEK-V/H-24.80-D6-2,5	1161,6	226,2	527	156560	13,20	D	50	435	120680	8,96	D	44
	SEK-V/H-25.80-D1-2,5	816,7	159,0	496	186640	17,00	E	51	416	142560	11,20	D	45
	SEK-V/H-25.80-D2-2,5	1089,0	212,1	557	172810	18,00	E	51	450	128730	11,40	D	45
2x5	SEK-V/H-25.80-D3-2,5	952,9	185,6	534	197370	16,50	E	51	453	152230	11,10	D	45
	SEK-V/H-25.80-D4-2,5	1270,5	247,4	606	185570	17,00	E	51	499	141170	11,30	D	45
	SEK-V/H-25.80-D5-2,5	1143,4	222,7	598	208220	16,00	D	51	507	162830	11,00	D	45
	SEK-V/H-25.80-D6-2,5	1524,6	296,9	672	198920	16,50	D	51	548	153610	11,20	D	45
	SEK-V/H-26.80-D1-2,5	980,1	190,9	599	223970	20,40	E	52	501	171070	13,44	D	46
	SEK-V/H-26.80-D2-2,5	1306,8	254,5	670	207370	21,60	E	52	540	154480	13,68	D	46
2x6	SEK-V/H-26.80-D3-2,5	1143,4	222,7	650	236740	19,80	E	52	548	182680	13,32	D	46
	SEK-V/H-26.80-D4-2,5	1524,6	296,9	734	222680	20,40	E	52	601	169410	13,56	D	46
	SEK-V/H-26.80-D5-2,5	1306,8	254,5	690	246850	19,20	E	52	587	192630	13,20	D	46
	SEK-V/H-26.80-D6-2,5	1742,4	339,3	792	234840	19,80	D	52	650	181020	13,44	D	46

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK .... Q 3~ 400V - Δ 50Hz 435 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	SEK .... E 3~ 400V - Y 50Hz 340 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ağırlık Weigh
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-V/H-11.80-B1-2,5	69,4	11,7	26	8930	0,31	C	23	22	7100	0,18	B	17	132
SEK-V/H-11.80-B2-2,5	92,5	15,7	28	8240	0,33	C	23	-	-	-	-	-	142
SEK-V/H-11.80-B3-2,5	81,0	13,7	29	9450	0,31	C	23	24	7570	0,18	B	17	143
SEK-V/H-11.80-B4-2,5	107,9	18,3	32	8880	0,33	C	23	-	-	-	-	-	155
SEK-V/H-11.80-B5-2,5	92,5	15,7	31	9920	0,31	C	23	26	7940	0,18	B	17	153
SEK-V/H-11.80-B6-2,5	123,4	20,9	34	9370	0,33	C	23	-	-	-	-	-	167
SEK-V/H-12.80-B1-2,5	138,8	23,5	52	17860	0,62	C	26	44	14210	0,36	B	20	225
SEK-V/H-12.80-B2-2,5	185,1	31,3	57	16470	0,66	C	26	-	-	-	-	-	247
SEK-V/H-12.80-B3-2,5	161,9	27,4	58	18300	0,62	C	26	49	15130	0,36	B	20	247
SEK-V/H-12.80-B4-2,5	215,9	36,5	63	17760	0,66	C	26	-	-	-	-	-	272
SEK-V/H-12.80-B5-2,5	185,1	31,3	62	19840	0,62	C	26	53	15880	0,36	B	20	268
SEK-V/H-12.80-B6-2,5	246,7	41,7	68	18750	0,66	C	26	-	-	-	-	-	298
SEK-V/H-13.80-B1-2,5	208,2	35,2	81	26790	0,93	C	28	68	21310	0,54	B	22	315
SEK-V/H-13.80-B2-2,5	277,6	47,0	88	24710	0,99	C	28	-	-	-	-	-	348
SEK-V/H-13.80-B3-2,5	242,9	40,2	89	28350	0,93	C	28	75	22700	0,54	B	22	358
SEK-V/H-13.80-B4-2,5	323,8	53,6	97	26640	0,99	C	28	-	-	-	-	-	400
SEK-V/H-13.80-B5-2,5	277,6	47,0	95	29760	0,93	C	28	81	23810	0,54	B	22	392
SEK-V/H-13.80-B6-2,5	370,1	62,6	105	28120	0,99	C	28	-	-	-	-	-	440
SEK-V/H-14.80-D1-2,5	326,7	63,6	113	33440	1,24	C	29	93	26000	0,72	B	23	447
SEK-V/H-14.80-D2-2,5	435,6	84,8	118	30370	1,32	C	29	-	-	-	-	-	503
SEK-V/H-14.80-D3-2,5	381,1	74,2	125	35190	1,24	C	29	104	28560	0,72	B	23	497
SEK-V/H-14.80-D4-2,5	508,2	99,0	132	33140	1,32	C	29	-	-	-	-	-	563
SEK-V/H-14.80-D5-2,5	435,6	84,8	134	37900	1,24	C	29	113	30270	0,72	B	23	547
SEK-V/H-14.80-D6-2,5	580,8	113,1	143	35520	1,32	C	29	-	-	-	-	-	623
SEK-V/H-15.80-D1-2,5	408,4	79,5	142	41800	1,55	C	30	117	32500	0,90	B	24	547
SEK-V/H-15.80-D2-2,5	544,5	106,0	149	37960	1,65	C	30	-	-	-	-	-	618
SEK-V/H-15.80-D3-2,5	476,4	92,8	156	44890	1,55	C	30	131	35750	0,90	B	24	610
SEK-V/H-15.80-D4-2,5	635,2	123,7	165	41420	1,65	C	30	-	-	-	-	-	692
SEK-V/H-15.80-D5-2,5	544,5	106,0	168	47370	1,55	C	30	141	37840	0,90	B	24	672
SEK-V/H-15.80-D6-2,5	726,0	141,4	178	44400	1,65	C	30	-	-	-	-	-	767
SEK-V/H-16.80-D1-2,5	490,0	95,4	171	50160	1,86	C	31	141	39000	1,08	B	25	647
SEK-V/H-16.80-D2-2,5	653,4	127,2	178	45550	1,98	C	31	-	-	-	-	-	732
SEK-V/H-16.80-D3-2,5	571,7	111,3	187	53870	1,86	C	31	157	42900	1,08	B	25	722
SEK-V/H-16.80-D4-2,5	762,3	148,4	198	49710	1,98	C	31	-	-	-	-	-	821
SEK-V/H-16.80-D5-2,5	653,4	127,2	201	56840	1,86	C	31	169	45400	1,08	B	25	798
SEK-V/H-16.80-D6-2,5	871,2	169,6	214	53280	1,98	C	31	-	-	-	-	-	911
SEK-V/H-21.80-B1-2,5	133,0	22,2	51	17560	0,62	C	26	43	13840	0,36	B	20	191
SEK-V/H-21.80-B2-2,5	177,3	30,0	55	16070	0,66	C	26	-	-	-	-	-	211
SEK-V/H-21.80-B3-2,5	155,2	25,9	56	18650	0,62	C	26	47	14860	0,36	B	20	209
SEK-V/H-21.80-B4-2,5	206,9	35,0	62	17410	0,66	C	26	-	-	-	-	-	232
SEK-V/H-21.80-B5-2,5	177,3	30,0	61	19540	0,62	C	26	52	15690	0,36	B	20	227
SEK-V/H-21.80-B6-2,5	236,5	40,0	67	18450	0,66	C	26	-	-	-	-	-	253
SEK-V/H-22.80-B1-2,5	266,0	44,3	102	35120	1,24	C	29	85	27670	0,72	B	23	333
SEK-V/H-22.80-B2-2,5	354,7	60,0	110	37300	1,32	C	29	-	-	-	-	-	376
SEK-V/H-22.80-B3-2,5	310,4	51,7	112	37300	1,24	C	29	95	29710	0,72	B	23	371
SEK-V/H-22.80-B4-2,5	413,8	70,0	123	34820	1,32	C	29	-	-	-	-	-	420
SEK-V/H-22.80-B5-2,5	354,7	60,0	122	39080	1,24	C	29	103	31380	0,72	B	23	408
SEK-V/H-22.80-B6-2,5	472,9	80,0	134	36900	1,32	C	29	-	-	-	-	-	465
SEK-V/H-23.80-B1-2,5	399,0	66,5	158	52680	1,86	C	31	132	41510	1,08	B	25	471
SEK-V/H-23.80-B2-2,5	532,0	90,0	171	48220	1,98	C	31	-	-	-	-	-	534
SEK-V/H-23.80-B3-2,5	465,5	75,9	173	55950	1,86	C	31	146	44570	1,08	B	25	546
SEK-V/H-23.80-B4-2,5	620,7	102,7	190	52240	1,98	C	31	-	-	-	-	-	626
SEK-V/H-23.80-B5-2,5	532,0	90,0	186	58630	1,86	C	31	158	47070	1,08	B	25	605
SEK-V/H-23.80-B6-2,5	709,4	120,0	205	55360	1,98	C	31	-	-	-	-	-	697
SEK-V/H-24.80-D1-2,5	653,4	127,2	226	66870	2,48	C	32	186	52000	1,44	B	26	703
SEK-V/H-24.80-D2-2,5	871,2	169,6	236	60730	2,64	C	32	-	-	-	-	-	816
SEK-V/H-24.80-D3-2,5	762,3	148,4	249	72830	2,48	C	32	209	57200	1,44	B	26	793
SEK-V/H-24.80-D4-2,5	1016,4	197,9	263	66280	2,64	C	32	-	-	-	-	-	925
SEK-V/H-24.80-D5-2,5	871,2	169,6	269	75790	2,48	C	32	226	60540	1,44	B	26	883
SEK-V/H-24.80-D6-2,5	1161,6	226,2	286	71040	2,64	C	32	-	-	-	-	-	1034
SEK-V/H-25.80-D1-2,5	816,7	159,0	285	83590	3,10	C	33	235	65010	1,80	B	27	863
SEK-V/H-25.80-D2-2,5	1089,0	212,1	298	75910	3,30	C	33	-	-	-	-	-	1004
SEK-V/H-25.80-D3-2,5	952,9	185,6	312	89790	3,10	C	33	262	71500	1,80	B	27	975
SEK-V/H-25.80-D4-2,5	1270,5	247,4	329	82850	3,30	C	33	-	-	-	-	-	1140
SEK-V/H-25.80-D5-2,5	1143,4	222,7	344	96230	3,10	B	33	289	77060	1,80	B	27	1133
SEK-V/H-25.80-D6-2,5	1524,6	296,9	365	90780	3,30	B	33	-	-	-	-	-	1331
SEK-V/H-26.80-D1-2,5	980,1	190,9	341	100310	3,72	C	34	281	78010	2,16	B	28	1022
SEK-V/H-26.80-D2-2,5	1306,8	254,5	356	91100	3,96	C	34	-	-	-	-	-	1192
SEK-V/H-26.80-D3-2,5	1143,4	222,7	375	107740	3,72	C	34	314	85800	2,16	B	28	1158
SEK-V/H-26.80-D4-2,5	1524,6	296,9	395	99420	3,96	C	34	-	-	-	-	-	1356
SEK-V/H-26.80-D5-2,5	1306,8	254,5	403	113690	3,72	C	34	338	90810	2,16	B	28	1293
SEK-V/H-26.80-D6-2,5	1742,4	339,3	424	106550	3,96	C	34	-	-	-	-	-	1519

SEK Endüstriyel Kondenser / SEK Industrial Condenser
Ölçüler / Measures

FAN: Ø500 mm

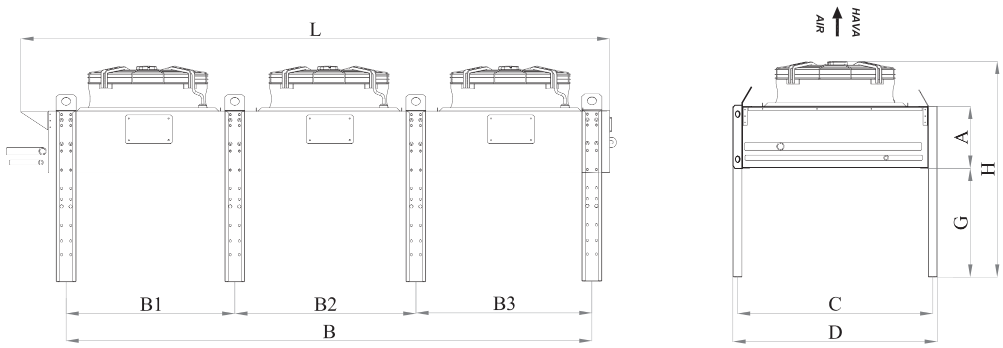
Lamel Aralığı / Fin Spacing **2,1 mm / 2,5 mm**

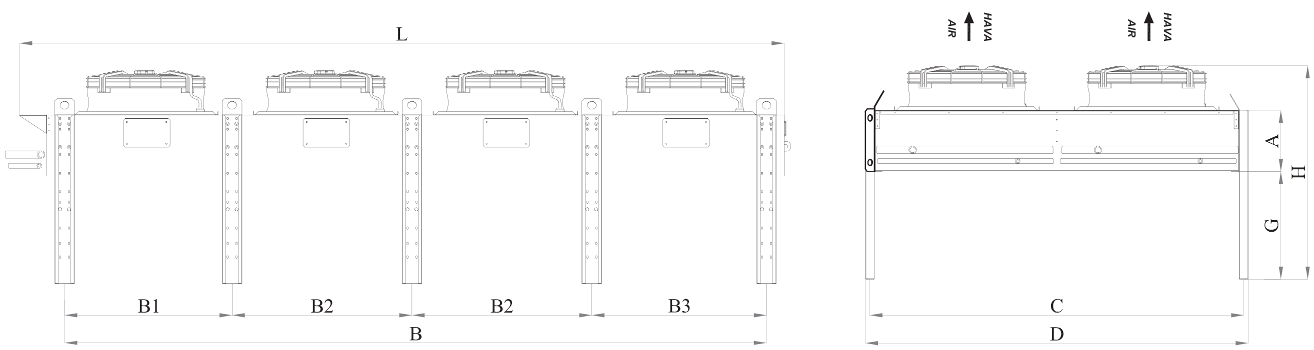
Model	Ölçüler / Dimensions											Bağlantılar Connections	
	L	H	D	A	B	B1	B2	B3	C	G	K	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø
SEK-V/H-11.50-B1	1030	926	922	300	724	-	-	-	872	500	800	22	19
SEK-V/H-11.50-B1	1030	926	922	300	724	-	-	-	872	500	800	28	22
SEK-V/H-11.50-B3	1230	926	922	300	924	-	-	-	872	500	800	22	19
SEK-V/H-11.50-B4	1230	926	922	300	924	-	-	-	872	500	800	28	22
SEK-V/H-12.50-B1	1830	926	922	300	1524	-	-	-	872	500	800	28	22
SEK-V/H-12.50-B2	1830	926	922	300	1524	-	-	-	872	500	800	28	22
SEK-V/H-12.50-B3	2230	926	922	300	1924	-	-	-	872	500	800	28	22
SEK-V/H-12.50-B4	2230	926	922	300	1924	-	-	-	872	500	800	28	22
SEK-V/H-13.50-B1	2630	926	922	300	2324	752	-	1572	872	500	800	35	22
SEK-V/H-13.50-B2	2630	926	922	300	2324	752	-	1572	872	500	800	35	28
SEK-V/H-13.50-B3	3230	926	922	300	2924	932	-	1972	872	500	800	35	22
SEK-V/H-13.50-B4	3230	926	922	300	2924	932	-	1972	872	500	800	35	28
SEK-V/H-14.50-B1	3430	926	922	300	3124	1552	-	1572	872	500	800	42	28
SEK-V/H-14.50-B2	3430	926	922	300	3124	1552	-	1572	872	500	800	42	35
SEK-V/H-14.50-B3	4230	926	922	300	3924	952	1000	972	872	500	800	42	28
SEK-V/H-14.50-B4	4230	926	922	300	3924	952	1000	972	872	500	800	42	35
SEK-V/H-21.50-B1	1030	1026	1722	300	724	-	-	-	1672	600	900	28	22
SEK-V/H-21.50-B2	1030	1026	1722	300	724	-	-	-	1672	600	900	28	22
SEK-V/H-21.50-B3	1230	1026	1722	300	924	-	-	-	1672	600	900	28	22
SEK-V/H-21.50-B4	1230	1026	1722	300	924	-	-	-	1672	600	900	28	22
SEK-V/H-22.50-B1	1830	1026	1722	300	1524	-	-	-	1672	600	900	42	28
SEK-V/H-22.50-B2	1830	1026	1722	300	1524	-	-	-	1672	600	900	42	35
SEK-V/H-22.50-B3	2230	1026	1722	300	1924	-	-	-	1672	600	900	42	28
SEK-V/H-22.50-B4	2230	1026	1722	300	1924	-	-	-	1672	600	900	42	35
SEK-V/H-23.50-B1	2630	1026	1722	300	2324	752	-	1572	1672	600	900	42	35
SEK-V/H-23.50-B2	2630	1026	1722	300	2324	752	-	1572	1672	600	900	54	35
SEK-V/H-23.50-B3	3230	1026	1722	300	2924	952	-	1972	1672	600	900	42	35
SEK-V/H-23.50-B4	3230	1026	1722	300	2924	952	-	1972	1672	600	900	54	35
SEK-V/H-24.50-B1	3430	1026	1722	300	3124	1552	-	1572	1672	600	900	54	42
SEK-V/H-24.50-B2	3430	1026	1722	300	3124	1552	-	1572	1672	600	900	54	42
SEK-V/H-24.50-B3	4230	1026	1722	300	3924	952	1000	972	1672	600	900	54	42
SEK-V/H-24.50-B4	4230	1026	1722	300	3924	952	1000	972	1672	600	900	54	42

FAN: Ø630 mm

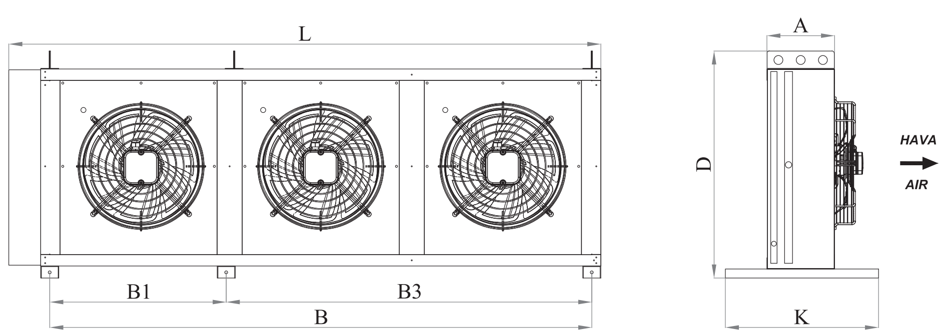
SEK-V/H-11.63-B1	1250	990	1122	340	904	-	-	-	1072	500	840	22	22
SEK-V/H-11.63-B2	1250	990	1122	340	904	-	-	-	1072	500	840	22	22
SEK-V/H-12.63-B1	2250	990	1122	340	1904	932	-	972	1072	500	840	35	35
SEK-V/H-12.63-B2	2250	990	1122	340	1904	932	-	972	1072	500	840	35	35
SEK-V/H-13.63-B1	3250	990	1122	340	2904	932	1000	972	1072	500	840	42	42
SEK-V/H-13.63-B2	3250	990	1122	340	2904	932	1000	972	1072	500	840	42	42
SEK-V/H-14.63-B1	4250	990	1122	340	3904	932	1000	972	1072	500	840	42	42
SEK-V/H-14.63-B2	4250	990	1122	340	3904	932	1000	972	1072	500	840	42	42
SEK-V/H-15.63-D1	5250	1040	1140	390	4904	932	1000	972	1090	500	890	54	54
SEK-V/H-15.63-D2	5250	1040	1140	390	4904	932	1000	972	1090	500	890	54	54
SEK-V/H-16.63-D1	6250	1040	1140	390	5904	932	1000	972	1090	500	890	54	54
SEK-V/H-16.63-D2	6250	1040	1140	390	5904	932	1000	972	1090	500	890	54	54
SEK-V/H-21.63-B1	1250	1090	2122	340	904	-	-	-	2072	600	940	*35	*35
SEK-V/H-21.63-B2	1250	1090	2122	340	904	-	-	-	2072	600	940	*35	*35
SEK-V/H-22.63-B1	2250	1090	2122	340	1904	932	-	972	2072	600	940	*42	*42
SEK-V/H-22.63-B2	2250	1090	2122	340	1904	932	-	972	2072	600	940	*42	*42
SEK-V/H-23.63-B1	3250	1090	2122	340	2904	932	1000	972	2072	600	940	*54	*54
SEK-V/H-23.63-B2	3250	1090	2122	340	2904	932	1000	972	2072	600	940	*54	*54
SEK-V/H-24.63-B1	4250	1090	2122	340	3904	932	1000	972	2072	600	940	2x42	2x42
SEK-V/H-24.63-B2	4250	1090	2122	340	3904	932	1000	972	2072	600	940	2x42	2x42
SEK-V/H-25.63-D1	5250	1140	2164	390	4904	932	1000	972	2114	600	990	2x54	2x54
SEK-V/H-25.63-D2	5250	1140	2164	390	4904	932	1000	972	2114	600	990	2x54	2x54
SEK-V/H-26.63-D1	6250	1140	2164	390	5904	932	1000	972	2114	600	990	2x54	2x54
SEK-V/H-26.63-D2	6250	1140	2164	390	5904	932	1000	972	2114	600	990	2x54	2x54

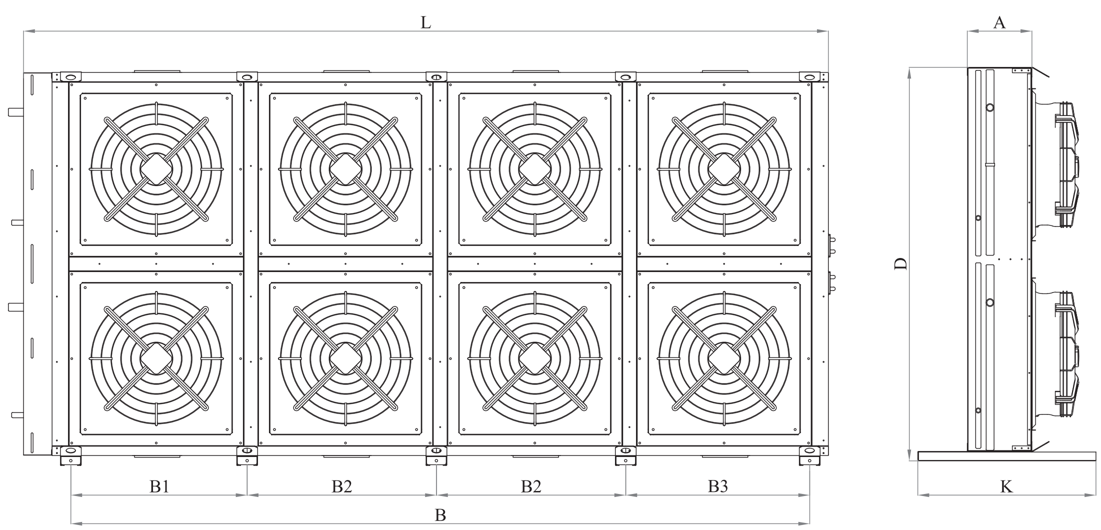
SEK-H SERIES





SEK-V SERIES





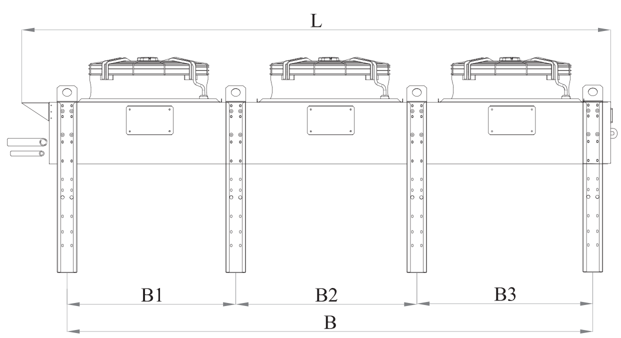
SEK Endüstriyel Kondenser / SEK Industrial Condenser
Ölçüler / Measures

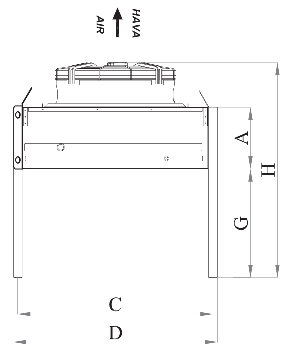
FAN: Ø800 mm

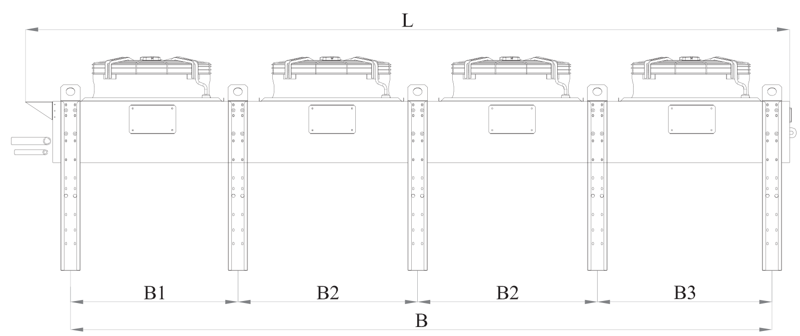
Lamel Aralığı / Fin Spacing **2,1 mm / 2,5 mm**

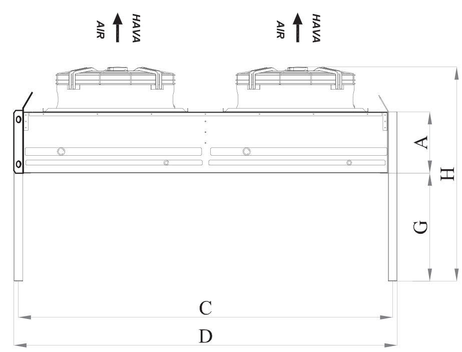
Model	Ölçüler / Dimensions											Bağlantılar Connections	
	L	H	D	A	B	B1	B2	B3	C	G	K	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø
SEK-V/H-11.80-B1	1450	1283	1322	400	1104	-	-	-	1272	600	1000	35	22
SEK-V/H-11.80-B2	1450	1283	1322	400	1104	-	-	-	1272	600	1000	35	22
SEK-V/H-11.80-B3	1650	1283	1322	400	1304	-	-	-	1272	600	1000	35	22
SEK-V/H-11.80-B4	1650	1283	1322	400	1304	-	-	-	1272	600	1000	35	28
SEK-V/H-11.80-B5	1850	1283	1322	400	1504	-	-	-	1272	600	1000	35	28
SEK-V/H-11.80-B6	1850	1283	1322	400	1504	-	-	-	1272	600	1000	35	28
SEK-V/H-12.80-B1	2650	1283	1322	400	2304	1132	-	1172	1272	600	1000	42	35
SEK-V/H-12.80-B2	2650	1283	1322	400	2304	1132	-	1172	1272	600	1000	42	35
SEK-V/H-12.80-B3	3050	1283	1322	400	2704	1332	-	1372	1272	600	1000	42	35
SEK-V/H-12.80-B4	3050	1283	1322	400	2704	1332	-	1372	1272	600	1000	42	35
SEK-V/H-12.80-B5	3450	1283	1322	400	3104	1532	-	1572	1272	600	1000	42	35
SEK-V/H-12.80-B6	3450	1283	1322	400	3104	1532	-	1572	1272	600	1000	42	35
SEK-V/H-13.80-B1	3850	1283	1322	400	3504	1132	1200	1172	1272	600	1000	54	42
SEK-V/H-13.80-B2	3850	1283	1322	400	3504	1132	1200	1172	1272	600	1000	54	42
SEK-V/H-13.80-B3	4450	1283	1322	400	4104	1332	1400	1372	1272	600	1000	54	42
SEK-V/H-13.80-B4	4450	1283	1322	400	4104	1332	1400	1372	1272	600	1000	54	42
SEK-V/H-13.80-B5	5050	1283	1322	400	4704	1532	1600	1572	1272	600	1000	54	42
SEK-V/H-13.80-B6	5050	1283	1322	400	4704	1532	1600	1572	1272	600	1000	54	42
SEK-V/H-14.80-D1	5050	1333	1275	450	4704	1132	1200	1172	1225	600	1050	35	22
SEK-V/H-14.80-D2	5050	1333	1275	450	4704	1132	1200	1172	1225	600	1050	35	22
SEK-V/H-14.80-D3	5850	1333	1275	450	5504	1332	1400	1372	1225	600	1050	35	22
SEK-V/H-14.80-D4	5850	1333	1275	450	5504	1332	1400	1372	1225	600	1050	35	28
SEK-V/H-14.80-D5	6650	1333	1275	450	6304	1532	1600	1572	1225	600	1050	35	28
SEK-V/H-14.80-D6	6650	1333	1275	450	6304	1532	1600	1572	1225	600	1050	35	28
SEK-V/H-15.80-D1	6250	1333	1275	450	5904	1132	1200	1172	1225	600	1050	42	35
SEK-V/H-15.80-D2	6250	1333	1275	450	5904	1132	1200	1172	1225	600	1050	42	35
SEK-V/H-15.80-D3	7250	1333	1275	450	6904	1332	1400	1372	1225	600	1050	42	35
SEK-V/H-15.80-D4	7250	1333	1275	450	6904	1332	1400	1372	1225	600	1050	42	35
SEK-V/H-15.80-D5	8250	1333	1275	450	7904	1532	1600	1572	1225	600	1050	42	35
SEK-V/H-15.80-D6	8250	1333	1275	450	7904	1532	1600	1572	1225	600	1050	42	35
SEK-V/H-16.80-D1	7450	1333	1275	450	7104	1132	1200	1172	1225	600	1050	54	42
SEK-V/H-16.80-D2	7450	1333	1275	450	7104	1132	1200	1172	1225	600	1050	54	42
SEK-V/H-16.80-D3	8650	1333	1275	450	8304	1332	1400	1372	1225	600	1050	54	42
SEK-V/H-16.80-D4	8650	1333	1275	450	8304	1332	1400	1372	1225	600	1050	54	42
SEK-V/H-16.80-D5	9850	1333	1275	450	9504	1532	1600	1572	1225	600	1050	54	42
SEK-V/H-16.80-D6	9850	1333	1275	450	9504	1532	1600	1572	1225	600	1050	54	42
SEK-V/H-21.80-B1	1450	1483	2422	400	1104	-	-	-	2372	800	1200	*42	*28
SEK-V/H-21.80-B2	1450	1483	2422	400	1104	-	-	-	2372	800	1200	*42	*35
SEK-V/H-21.80-B3	1650	1483	2422	400	1304	-	-	-	2372	800	1200	*42	*35
SEK-V/H-21.80-B4	1650	1483	2422	400	1304	-	-	-	2372	800	1200	*42	*35
SEK-V/H-21.80-B5	1850	1483	2422	400	1504	1532	-	1572	2372	800	1200	*42	*35
SEK-V/H-21.80-B6	1850	1483	2422	400	1504	1532	-	1572	2372	800	1200	*42	*35
SEK-V/H-22.80-B1	2650	1483	2422	400	2304	1132	-	1172	2372	800	1200	*54	*42
SEK-V/H-22.80-B2	2650	1483	2422	400	2304	1132	-	1172	2372	800	1200	*54	*42
SEK-V/H-22.80-B3	3050	1483	2422	400	2704	1332	-	1372	2372	800	1200	*54	*42
SEK-V/H-22.80-B4	3050	1483	2422	400	2704	1332	-	1372	2372	800	1200	*66	*42
SEK-V/H-22.80-B5	3450	1483	2422	400	3104	1532	-	1572	2372	800	1200	*54	*42
SEK-V/H-22.80-B6	3450	1483	2422	400	3104	1532	-	1572	2372	800	1200	*66	*42
SEK-V/H-23.80-B1	3850	1483	2422	400	3504	1132	1200	1172	2372	800	1200	*80	*54
SEK-V/H-23.80-B2	3850	1483	2422	400	3504	1132	1200	1172	2372	800	1200	*80	*54
SEK-V/H-23.80-B3	4450	1483	2422	400	4104	1332	1400	1372	2372	800	1200	*80	*54
SEK-V/H-23.80-B4	4450	1483	2422	400	4104	1332	1400	1372	2372	800	1200	*80	*54
SEK-V/H-23.80-B5	5050	1483	2422	400	4704	1532	1600	1572	2372	800	1200	*80	*54
SEK-V/H-23.80-B6	5050	1483	2422	400	4704	1532	1600	1572	2372	800	1200	*80	*54
SEK-V/H-24.80-D1	5050	1533	2422	450	4704	1132	1200	1172	2372	800	1250	2x54	2x42
SEK-V/H-24.80-D2	5050	1533	2422	450	4704	1132	1200	1172	2372	800	1250	2x66	2x54
SEK-V/H-24.80-D3	5850	1533	2422	450	5504	1332	1400	1372	2372	800	1250	2x66	2x54
SEK-V/H-24.80-D4	5850	1533	2422	450	5504	1332	1400	1372	2372	800	1250	2x66	2x54
SEK-V/H-24.80-D5	6650	1533	2422	450	6304	1532	1600	1572	2372	800	1250	2x66	2x54
SEK-V/H-24.80-D6	6650	1533	2422	450	6304	1532	1600	1572	2372	800	1250	2x66	2x54
SEK-V/H-25.80-D1	6250	1533	2422	450	5904	1132	1200	1172	2372	800	1250	2x66	2x54
SEK-V/H-25.80-D2	6250	1533	2422	450	5904	1132	1200	1172	2372	800	1250	2x66	2x54
SEK-V/H-25.80-D3	7250	1533	2422	450	6904	1332	1400	1372	2372	800	1250	2x66	2x54
SEK-V/H-25.80-D4	7250	1533	2422	450	6904	1332	1400	1372	2372	800	1250	2x66	2x54
SEK-V/H-25.80-D5	8650	1533	2422	450	8304	1612	1680	1652	2372	800	1250	2x66	2x54
SEK-V/H-25.80-D6	8650	1533	2422	450	8304	1612	1680	1652	2372	800	1250	2x66	2x54
SEK-V/H-26.80-D1	7450	1533	2422	450	7104	1132	1200	1172	2372	800	1250	2x66	2x54
SEK-V/H-26.80-D2	7450	1533	2422	450	7104	1132	1200	1172	2372	800	1250	2x80	2x54
SEK-V/H-26.80-D3	8650	1533	2422	450	8304	1332	1400	1372	2372	800	1250	2x80	2x66
SEK-V/H-26.80-D4	8650	1533	2422	450	8304	1332	1400	1372	2372	800	1250	2x80	2x66
SEK-V/H-26.80-D5	9850	1533	2422	450	9504	1532	1600	1572	2372	800	1250	2x80	2x66
SEK-V/H-26.80-D6	9850	1533	2422	450	9504	1532	1600	1572	2372	800	1250	2x80	2x66

SEK-H SERIES

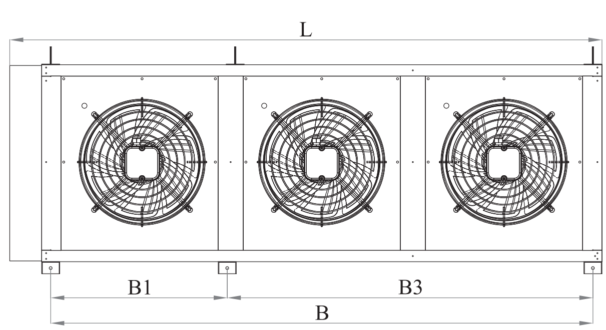


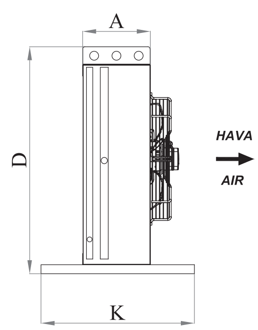


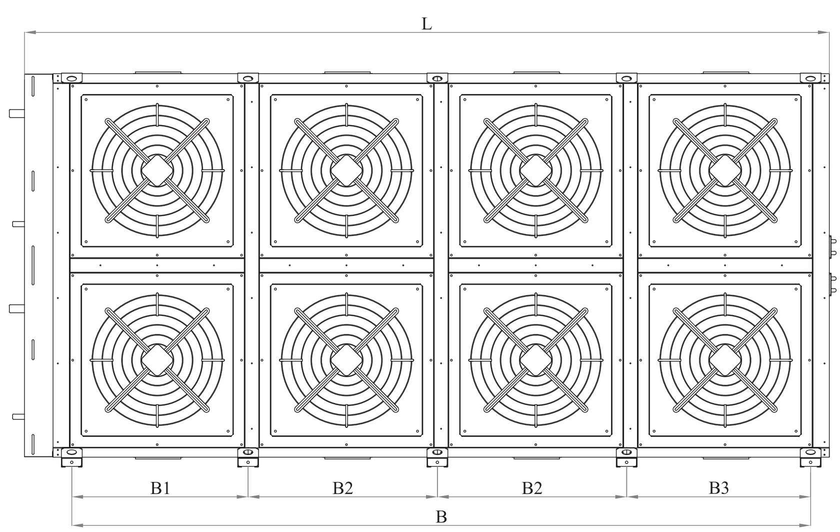


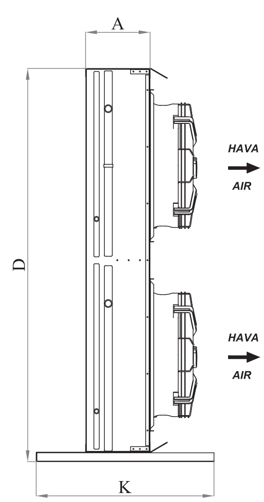


SEK-V SERIES









SEK

Genel Özellikler / Specifications

Batarya
• Bakır borular Ø3/8", Ø1/2",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50/60 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coil
• Copper tubes Ø3/8", Ø1/2",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -40°C up to +60/+655°C,
• Maximum start up recommended for motors is 6 per hour,
• Condensers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
• Capacities are calculated for difference noise levels

Options
• Two refrigerant circuit,
• Different casing color,
• Three phase 400V 3~50/60 Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Repair Switch,

SEK

12 - 386 kW

SEK-C Chassis Industrial Condenser

SEK-C Şaseli Endüstriyel Kondenser

SEK-C Series

SARBUZ SEK-C Serisi Şaseli Endüstriyel Kondenserler, orta ve büyük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SEK-C Series Chassis Industrial Condensers are designed for middle and high capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SEK-C-23.63-B1-2,5-N

Şaseli endüstriyel kondenser
Chassis industrial condenser — **SEK-C-**

Fan dizilimi 2 x 3
2 Rows, 3 fans per row — **23.**

Fan çapı
Fan diameter — **63-**

Batarya kodu
Coil code — **B1-**

Hatve (2,1 mm - 2,5 mm)
Fin Spacing (2,1 mm - 2,5 mm) — **2,5-**

Normal ses seviyesi
Normal noise level — **N**

Düşük ses seviyesi
Low noise level — **L**

Çok düşük ses seviyesi
Quiet noise level — **Q**

Son derece düşük ses seviyesi
Extremely quiet noise level — **E**

SEK-C Şaseli Endüstriyel Kondenser / SEK-C Chassis Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø500 mm

				SEK-C .... N 1~230V 50Hz 1400 rpm					SEK-C.................. L 3~ 400V - Δ 50Hz 950 rpm				
	Model	**Isı Transfer Yüzeyi Heat Transfer Areas**	**Boru Hacmi Tube Volume**	**Kapasite Capacity**	**Hava Debisi Air Flow**	**Fan Elektrik Gücü Power Consumption**	**Enerji Sınıfı Energy Efficiency Class**	**Ses Seviyesi Sound Pressure Level**	**Kapasite Capacity**	**Hava Debisi Air Flow**	**Fan Elektrik Gücü Power Consumption**	**Enerji Sınıfı Energy Efficiency Class**	**Ses Seviyesi Sound Pressure Level**
				Δt=15K		**P_{el} Total**		**10 m**	**Δt=15K**		**P_{el} Total**		**10 m**
		m²	**l**	**kW**	**m³/h**	**kW**	**A+ - E**	**dB(A)**	**kW**	**m³/h**	**kW**	**A+ - E**	**dB(A)**
1x1	SEK-C-11.50-B1-2,1	36,3	5,2	20	7540	0,61	E	41	15	4860	0,20	C	32
	SEK-C-11.50-B2-2,1	48,3	7,0	23	6980	0,63	E	41	16	4570	0,21	C	32
	SEK-C-11.50-B3-2,1	45,3	6,5	23	8180	0,60	D	41	17	5360	0,20	C	32
	SEK-C-11.50-B4-2,1	60,4	8,7	26	7730	0,62	D	41	19	5050	0,21	C	32
1x2	SEK-C-12.50-B1-2,1	90,6	13,0	40	15080	1,22	E	44	29	9720	0,40	C	35
	SEK-C-12.50-B2-2,1	96,7	13,9	45	13970	1,26	E	44	33	9130	0,42	C	35
	SEK-C-12.50-B3-2,1	90,6	13,0	46	16360	1,20	D	44	34	10730	0,40	C	35
	SEK-C-12.50-B4-2,1	120,9	17,4	52	15470	1,24	D	44	38	10090	0,42	C	35
1x3	SEK-C-13.50-B1-2,1	108,8	15,7	60	22610	1,83	E	46	44	14580	0,60	C	37
	SEK-C-13.50-B2-2,1	145,0	20,9	66	20950	1,89	E	46	48	13700	0,63	C	37
	SEK-C-13.50-B3-2,1	136,0	19,6	69	24530	1,80	D	46	51	16090	0,60	C	37
	SEK-C-13.50-B4-2,1	181,3	26,1	77	23200	1,86	D	46	56	15140	0,63	C	37
2x1	SEK-C-21.50-B1-2,1	72,5	10,4	40	15080	1,22	E	44	29	9720	0,40	C	35
	SEK-C-21.50-B2-2,1	96,7	13,9	45	13970	1,26	E	44	33	9130	0,42	C	35
	SEK-C-21.50-B3-2,1	90,6	13,0	46	16360	1,20	D	44	34	10730	0,40	C	35
	SEK-C-21.50-B4-2,1	120,9	17,4	51	15470	1,24	D	44	36	10090	0,42	C	35
2x2	SEK-C-22.50-B1-2,1	145,0	20,9	79	30150	2,44	E	47	58	19440	0,80	C	38
	SEK-C-22.50-B2-2,1	193,4	27,8	91	27930	2,52	E	47	66	18270	0,84	C	38
	SEK-C-22.50-B3-2,1	181,3	26,1	92	32710	2,40	D	47	68	21460	0,80	C	38
	SEK-C-22.50-B4-2,1	241,7	34,8	103	30930	2,48	D	47	74	20180	0,84	C	38
2x3	SEK-C-23.50-B1-2,1	217,5	31,3	119	45230	3,66	E	49	88	29160	1,20	C	40
	SEK-C-23.50-B2-2,1	290,1	41,7	133	41900	3,78	E	49	96	27400	1,26	C	40
	SEK-C-23.50-B3-2,1	271,9	39,1	138	49070	3,60	D	49	102	32190	1,20	C	40
	SEK-C-23.50-B4-2,1	362,6	52,2	155	46400	3,72	D	49	111	30280	1,26	C	40

FAN: Ø630 mm

				SEK-C .... N 1~230V 50Hz 860 rpm					SEK-C.................. L 3~ 400V - Δ 50Hz 660 rpm				
1x1	SEK-C-11.63-B1-2,1	56,7	8,2	26	8900	0,56	D	34	21	6620	0,30	C	29
	SEK-C-11.63-B2-2,1	75,5	10,9	28	8370	0,60	D	34	23	6220	0,33	D	29
1x2	SEK-C-12.63-B1-2,1	113,3	16,3	52	17800	1,12	D	37	42	13240	0,60	C	32
	SEK-C-12.63-B2-2,1	151,1	21,7	58	16730	1,20	D	37	46	12440	0,66	C	32
1x3	SEK-C-13.63-B1-2,1	170,0	24,5	78	26700	1,68	D	39	63	19650	0,90	C	34
	SEK-C-13.63-B2-2,1	226,6	32,6	87	25100	1,80	D	39	69	18660	0,99	C	34
2x1	SEK-C-21.63-B1-2,1	113,3	16,3	54	17800	1,12	D	37	42	13240	0,60	C	32
	SEK-C-21.63-B2-2,1	151,1	21,7	57	16730	1,20	D	37	45	12440	0,66	D	32
2x2	SEK-C-22.63-B1-2,1	226,6	32,6	104	35610	2,24	D	40	84	26470	1,20	C	35
	SEK-C-22.63-B2-2,1	302,1	43,5	117	33470	2,40	D	40	93	24880	1,32	C	35
2x3	SEK-C-23.63-B1-2,1	339,9	48,9	157	53410	3,36	D	42	126	39710	1,80	C	37
	SEK-C-23.63-B2-2,1	453,2	65,2	173	50200	3,60	D	42	138	37320	1,98	C	37

FAN: Ø500 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK-C .... Q 3~ 400V - Y 50Hz 800 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK-C .... E Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	Ağırlık Weigh
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m	
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-C-11.50-B1-2,1	36,3	5,2	13	4310	0,17	C	27	-	-	-	-	-	122
SEK-C-11.50-B2-2,1	48,3	7,0	15	4000	0,18	C	27	-	-	-	-	-	127
SEK-C-11.50-B3-2,1	45,3	6,5	15	4640	0,17	C	27	-	-	-	-	-	140
SEK-C-11.50-B4-2,1	60,4	8,7	17	4400	0,18	C	27	-	-	-	-	-	146
SEK-C-12.50-B1-2,1	90,6	10,0	27	8610	0,34	C	30	-	-	-	-	-	229
SEK-C-12.50-B2-2,1	120,9	13,9	30	8010	0,36	C	30	-	-	-	-	-	241
SEK-C-12.50-B3-2,1	120,9	13,0	31	9270	0,34	C	30	-	-	-	-	-	229
SEK-C-12.50-B4-2,1	120,9	17,4	34	8790	0,36	C	30	-	-	-	-	-	241
SEK-C-13.50-B1-2,1	108,8	15,7	40	12910	0,51	C	32	-	-	-	-	-	268
SEK-C-13.50-B2-2,1	145,0	20,9	43	12010	0,54	C	32	-	-	-	-	-	284
SEK-C-13.50-B3-2,1	136,0	19,6	46	13910	0,51	C	32	-	-	-	-	-	323
SEK-C-13.50-B4-2,1	181,3	26,1	50	13190	0,54	C	32	-	-	-	-	-	343
SEK-C-21.50-B1-2,1	72,5	10,4	27	8610	0,34	C	30	-	-	-	-	-	202
SEK-C-21.50-B2-2,1	96,7	13,9	30	8010	0,36	C	30	-	-	-	-	-	212
SEK-C-21.50-B3-2,1	90,6	13,0	30	9270	0,34	C	30	-	-	-	-	-	230
SEK-C-21.50-B4-2,1	120,9	17,4	33	8790	0,36	C	30	-	-	-	-	-	242
SEK-C-22.50-B1-2,1	145,0	20,9	53	17130	0,68	C	33	-	-	-	-	-	315
SEK-C-22.50-B2-2,1	193,4	27,8	59	16020	0,72	C	33	-	-	-	-	-	334
SEK-C-22.50-B3-2,1	181,3	26,1	61	18540	0,68	C	33	-	-	-	-	-	371
SEK-C-22.50-B4-2,1	241,7	34,8	66	17580	0,72	C	33	-	-	-	-	-	395
SEK-C-23.50-B1-2,1	217,5	31,3	80	25830	1,02	C	35	-	-	-	-	-	434
SEK-C-23.50-B2-2,1	290,1	41,7	87	24030	1,08	C	35	-	-	-	-	-	466
SEK-C-23.50-B3-2,1	271,9	39,1	91	27810	1,02	C	35	-	-	-	-	-	521
SEK-C-23.50-B4-2,1	362,6	52,2	100	26370	1,08	C	35	-	-	-	-	-	560

FAN: Ø630 mm

Model	m²	l	SEK-C .... Q 3~ 400V - Y 50Hz 520 rpm kW	m³/h	kW	A+ - E	db(A)	SEK-C .... E kW	m³/h	kW	A+ - E	db(A)	kg
SEK-C-11.63-B1-2,1	56,7	8,2	18	5250	0,18	C	23	-	-	-	-	-	167
SEK-C-11.63-B2-2,1	75,5	10,9	19	4860	0,19	C	23	-	-	-	-	-	174
SEK-C-12.63-B1-2,1	113,3	16,3	35	10510	0,36	C	26	-	-	-	-	-	274
SEK-C-12.63-B2-2,1	151,1	21,7	38	9720	0,38	C	26	-	-	-	-	-	290
SEK-C-13.63-B1-2,1	170,0	24,5	53	15760	0,54	C	28	-	-	-	-	-	379
SEK-C-13.63-B2-2,1	226,6	32,6	56	14580	0,57	C	28	-	-	-	-	-	404
SEK-C-21.63-B1-2,1	113,3	16,3	35	10510	0,36	C	26	-	-	-	-	-	282
SEK-C-21.63-B2-2,1	151,1	21,7	37	9720	0,38	C	26	-	-	-	-	-	297
SEK-C-22.63-B1-2,1	226,6	32,6	71	21020	0,72	C	29	-	-	-	-	-	457
SEK-C-22.63-B2-2,1	302,1	43,5	76	19440	0,76	C	29	-	-	-	-	-	490
SEK-C-23.63-B1-2,1	339,9	48,9	106	31530	1,08	C	31	-	-	-	-	-	629
SEK-C-23.63-B2-2,1	453,2	65,2	113	29160	1,14	C	31	-	-	-	-	-	679

SEK-C Şaseli Endüstriyel Kondenser / SEK-C Chassis Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø800 mm

	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK-C .... N 3~ 400V - Δ 50Hz 880 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK-C................. L 3~ 400V - Y 50Hz 670 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
1x1	SEK-C-11.80-B1-2,1	81,6	11,7	49	19210	1,70	E	41	41	14760	1,12	E	35
	SEK-C-11.80-B2-2,1	108,8	15,7	55	17970	1,80	E	41	44	13500	1,14	D	35
	SEK-C-11.80-B3-2,1	95,2	13,7	54	20310	1,65	E	41	45	15560	1,11	D	35
	SEK-C-11.80-B4-2,1	126,9	18,3	61	19090	1,70	E	41	50	14670	1,13	D	35
	SEK-C-11.80-B5-2,1	108,8	23,5	58	20960	1,60	E	41	49	16420	1,10	D	35
	SEK-C-11.80-B6-2,1	145,0	31,3	66	20070	1,65	D	41	54	15520	1,12	D	35
1x2	SEK-C-12.80-B1-2,1	163,2	27,4	97	38420	3,40	E	44	81	29520	2,24	E	38
	SEK-C-12.80-B2-2,1	217,5	36,5	110	35990	3,60	E	44	89	26990	2,28	D	38
	SEK-C-12.80-B3-2,1	190,3	35,2	107	40430	3,30	E	44	90	31320	2,22	D	38
	SEK-C-12.80-B4-2,1	253,8	47,0	121	38190	3,40	E	44	100	29340	2,26	D	38
	SEK-C-12.80-B5-2,1	217,5	40,2	116	41930	3,20	E	44	98	32840	2,20	D	38
	SEK-C-12.80-B6-2,1	290,1	53,6	132	40140	3,30	D	44	109	31050	2,24	D	38
1x3	SEK-C-13.80-B1-2,1	244,7	63,6	150	57640	5,10	E	46	126	44290	3,36	D	40
	SEK-C-13.80-B2-2,1	326,3	84,8	169	53990	5,40	E	46	137	40490	3,42	D	40
	SEK-C-13.80-B3-2,1	285,5	74,2	162	60640	4,95	E	46	137	46980	3,33	D	40
	SEK-C-13.80-B4-2,1	380,7	99,0	184	57280	5,10	E	46	152	44010	3,39	D	40
	SEK-C-13.80-B5-2,1	326,3	79,5	172	62890	4,80	E	46	147	49260	3,30	D	40
	SEK-C-13.80-B6-2,1	435,1	106,0	197	60210	4,95	D	46	164	46570	3,36	D	40
2x1	SEK-C-21.80-B1-2,1	156,4	22,2	95	37830	3,40	E	44	79	29020	2,24	E	38
	SEK-C-21.80-B2-2,1	208,5	30,0	107	35210	3,60	E	44	86	26300	2,28	D	38
	SEK-C-21.80-B3-2,1	182,4	25,9	105	39930	3,30	E	44	88	30860	2,22	D	38
	SEK-C-21.80-B4-2,1	243,2	35,0	119	35790	3,40	E	44	97	28790	2,26	D	38
	SEK-C-21.80-B5-2,1	208,5	44,3	113	41520	3,20	E	44	96	32430	2,20	D	38
	SEK-C-21.80-B6-2,1	278,0	60,0	129	39620	3,30	D	44	106	30580	2,24	D	38
2x2	SEK-C-22.80-B1-2,1	312,7	51,7	189	75660	6,80	E	47	158	58040	4,48	E	41
	SEK-C-22.80-B2-2,1	417,0	70,0	214	70410	7,20	E	47	172	52600	4,56	D	41
	SEK-C-22.80-B3-2,1	364,8	66,5	210	79850	6,60	E	47	176	61720	4,44	D	41
	SEK-C-22.80-B4-2,1	486,4	90,0	237	75180	6,80	E	47	195	57570	4,52	D	41
	SEK-C-22.80-B5-2,1	417,0	75,9	227	83050	6,40	E	47	191	64860	4,40	D	41
	SEK-C-22.80-B6-2,1	555,9	102,7	258	79230	6,60	D	47	213	61170	4,48	D	41
2x3	SEK-C-23.80-B1-2,1	469,1	127,2	291	113490	10,20	E	49	244	87050	6,72	E	43
	SEK-C-23.80-B2-2,1	625,4	169,6	329	105620	10,80	E	49	267	78900	6,84	D	43
	SEK-C-23.80-B3-2,1	547,3	148,4	316	119780	9,90	E	49	267	92580	6,66	D	43
	SEK-C-23.80-B4-2,1	729,7	197,9	360	112770	10,20	E	49	297	86360	6,78	D	43
	SEK-C-23.80-B5-2,1	625,4	159,0	336	124570	9,60	E	49	287	97280	6,60	D	43
	SEK-C-23.80-B6-2,1	833,9	212,1	386	118850	9,90	D	49	321	91750	6,72	D	43

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi / Heat Transfer Areas	Boru Hacmi / Tube Volume	SEK-C .... Q 3~ 400V - Y 50Hz 435 rpm: Kapasite / Capacity (Δt=15K)	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption (P_{el} Total)	Enerji Sınıfı / Enery Efficiency Class	Ses Seviyesi / Sound Pressure Level (10 m)	SEK-C .... E 3~ 400V - Y 50Hz 340 rpm: Kapasite / Capacity (Δt=15K)	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption (P_{el} Total)	Enerji Sınıfı / Enery Efficiency Class	Ses Seviyesi / Sound Pressure Level (10 m)	Ağırlık / Weigh
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-C-11.80-B1-2,1	81,6	11,7	28	8630	0,31	C	23	23	6830	0,18	B	17	227
SEK-C-11.80-B2-2,1	108,8	15,7	29	7940	0,33	C	23	-	-	-	-	-	238
SEK-C-11.80-B3-2,1	95,2	13,7	31	9250	0,31	C	23	26	7380	0,18	B	17	251
SEK-C-11.80-B4-2,1	126,9	18,3	33	8630	0,33	C	23	-	-	-	-	-	264
SEK-C-11.80-B5-2,1	108,8	23,5	33	9720	0,31	C	23	28	7800	0,18	B	17	279
SEK-C-11.80-B6-2,1	145,0	31,3	36	9180	0,33	C	23	-	-	-	-	-	294
SEK-C-12.80-B1-2,1	163,2	27,4	55	17360	0,62	C	26	47	13650	0,36	B	20	378
SEK-C-12.80-B2-2,1	217,5	36,5	59	15880	0,66	C	26	-	-	-	-	-	401
SEK-C-12.80-B3-2,1	190,3	35,2	62	18500	0,62	C	26	51	14760	0,36	B	20	427
SEK-C-12.80-B4-2,1	253,8	47,0	66	17260	0,66	C	26	-	-	-	-	-	455
SEK-C-12.80-B5-2,1	217,5	40,2	66	19440	0,62	C	26	56	15600	0,36	B	20	476
SEK-C-12.80-B6-2,1	290,1	53,6	71	18350	0,66	C	26	-	-	-	-	-	508
SEK-C-13.80-B1-2,1	244,7	63,6	86	26040	0,93	C	28	71	20480	0,54	B	22	526
SEK-C-13.80-B2-2,1	326,3	84,8	91	23810	0,99	C	28	-	-	-	-	-	562
SEK-C-13.80-B3-2,1	285,5	74,2	94	27750	0,93	C	28	79	22150	0,54	B	22	610
SEK-C-13.80-B4-2,1	380,7	99,0	101	25900	0,99	C	28	-	-	-	-	-	655
SEK-C-13.80-B5-2,1	326,3	79,5	101	29160	0,93	C	28	85	23400	0,54	B	22	686
SEK-C-13.80-B6-2,1	435,1	106,0	109	27530	0,99	B	28	-	-	-	-	-	737
SEK-C-21.80-B1-2,1	156,4	22,2	54	17020	0,62	C	26	45	13280	0,36	B	20	373
SEK-C-21.80-B2-2,1	208,5	30,0	57	15480	0,66	C	26	-	-	-	-	-	394
SEK-C-21.80-B3-2,1	182,4	25,9	60	18200	0,62	C	26	50	14490	0,36	B	20	411
SEK-C-21.80-B4-2,1	243,2	35,0	64	16870	0,66	C	26	-	-	-	-	-	436
SEK-C-21.80-B5-2,1	208,5	44,3	65	19150	0,62	C	26	55	15320	0,36	B	20	457
SEK-C-21.80-B6-2,1	278,0	60,0	70	18060	0,66	C	26	-	-	-	-	-	487
SEK-C-22.80-B1-2,1	312,7	51,7	108	34030	1,24	C	29	89	26560	0,72	B	23	614
SEK-C-22.80-B2-2,1	417,0	70,0	114	30960	1,32	C	29	-	-	-	-	-	660
SEK-C-22.80-B3-2,1	364,8	66,5	120	36410	1,24	C	29	100	28970	0,72	B	23	693
SEK-C-22.80-B4-2,1	486,4	90,0	128	33730	1,32	C	29	-	-	-	-	-	746
SEK-C-22.80-B5-2,1	417,0	75,9	130	38290	1,24	C	29	109	30640	0,72	B	23	771
SEK-C-22.80-B6-2,1	555,9	102,7	140	36110	1,32	C	29	-	-	-	-	-	832
SEK-C-23.80-B1-2,1	469,1	127,2	168	51050	1,86	C	31	138	39840	1,08	B	25	850
SEK-C-23.80-B2-2,1	625,4	169,6	177	46440	1,98	C	31	-	-	-	-	-	918
SEK-C-23.80-B3-2,1	547,3	148,4	184	54610	1,86	C	31	154	43460	1,08	B	25	987
SEK-C-23.80-B4-2,1	729,7	197,9	196	50600	1,98	C	31	-	-	-	-	-	1073
SEK-C-23.80-B5-2,1	625,4	159,0	197	57440	1,86	C	31	166	45960	1,08	B	25	1108
SEK-C-23.80-B6-2,1	833,9	212,1	213	54170	1,98	C	31	-	-	-	-	-	1206

SEK-C Şaseli Endüstriyel Kondenser / SEK-C Chassis Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø500 mm

	Model	Isı Transfer Yüzeyi / Heat Transfer Areas (m²)	Boru Hacmi / Tube Volume (l)	SEK-C .... N 1~230V 50Hz 1400 rpm — Kapasite / Capacity Δt=15K (kW)	Hava Debisi / Air Flow (m³/h)	Fan Elektrik Gücü / Power Consumption P_{el} Total (kW)	Enerji Sınıfı / Energy Efficiency Class (A+ - E)	Ses Seviyesi / Sound Pressure Level 10 m (dB(A))	SEK-C................. L 3~ 400V - Δ 50Hz 950 rpm — Kapasite / Capacity Δt=15K (kW)	Hava Debisi / Air Flow (m³/h)	Fan Elektrik Gücü / Power Consumption P_{el} Total (kW)	Enerji Sınıfı / Energy Efficiency Class (A+ - E)	Ses Seviyesi / Sound Pressure Level 10 m (dB(A))
1x1	SEK-C-11.50-B1-2,5	30,0	5,2	18	7730	0,61	E	41	14	4970	0,20	D	32
	SEK-C-11.50-B2-2,5	40,0	7,0	21	7190	0,63	E	41	16	4680	0,21	C	32
	SEK-C-11.50-B3-2,5	37,5	6,5	21	8320	0,60	E	41	16	5460	0,20	C	32
	SEK-C-11.50-B4-2,5	50,0	8,7	25	7910	0,62	D	41	18	5180	0,21	C	32
1x2	SEK-C-12.50-B1-2,5	60,0	10,0	37	15450	1,22	E	44	27	9930	0,40	D	35
	SEK-C-12.50-B2-2,5	80,0	13,9	43	14390	1,26	E	44	31	9370	0,42	C	35
	SEK-C-12.50-B3-2,5	75,0	13,0	43	16640	1,20	E	44	32	10920	0,40	C	35
	SEK-C-12.50-B4-2,5	100,0	17,4	49	15830	1,24	D	44	36	10350	0,42	C	35
1x3	SEK-C-13.50-B1-2,5	90,0	15,7	55	23180	1,83	E	46	41	14900	0,60	D	37
	SEK-C-13.50-B2-2,5	120,0	20,9	63	21850	1,89	E	46	46	14070	0,63	C	37
	SEK-C-13.50-B3-2,5	112,5	19,6	64	24960	1,80	E	46	48	16380	0,60	C	37
	SEK-C-13.50-B4-2,5	150,0	26,1	73	23740	1,86	D	46	53	15530	0,63	C	37
2x1	SEK-C-21.50-B1-2,5	60,0	10,4	37	15450	1,22	E	44	27	9930	0,40	D	35
	SEK-C-21.50-B2-2,5	80,0	13,9	43	14390	1,26	E	44	31	9370	0,42	C	35
	SEK-C-21.50-B3-2,5	75,0	13,0	42	16640	1,20	E	44	32	10920	0,40	C	35
	SEK-C-21.50-B4-2,5	100,0	17,4	48	15830	1,24	D	44	35	10350	0,42	C	35
2x2	SEK-C-22.50-B1-2,5	120,0	20,9	73	30900	2,44	E	47	54	19860	0,80	D	38
	SEK-C-22.50-B2-2,5	160,0	27,8	86	28780	2,52	E	47	62	18730	0,84	C	38
	SEK-C-22.50-B3-2,5	150,0	26,1	85	33280	2,40	E	47	63	21840	0,80	C	38
	SEK-C-22.50-B4-2,5	200,0	34,8	97	31650	2,48	D	47	71	20700	0,84	C	38
2x3	SEK-C-23.50-B1-2,5	180,0	31,3	110	46350	3,66	E	49	81	29790	1,20	D	40
	SEK-C-23.50-B2-2,5	240,0	41,7	125	43160	3,78	E	49	91	28100	1,26	C	40
	SEK-C-23.50-B3-2,5	225,0	39,1	127	49910	3,60	E	49	95	32750	1,20	C	40
	SEK-C-23.50-B4-2,5	300,0	52,2	146	47480	3,72	D	49	106	31050	1,26	C	40

FAN: Ø630 mm

	Model	m²	l	SEK-C .... N 1~230V 50Hz 860 rpm — kW	m³/h	kW	A+ - E	dB(A)	SEK-C................. L 3~ 400V - Δ 50Hz 660 rpm — kW	m³/h	kW	A+ - E	dB(A)
1x1	SEK-C-11.63-B1-2,5	46,9	8,2	24	9090	0,56	D	34	20	6750	0,30	D	29
	SEK-C-11.63-B2-2,5	62,5	10,9	27	8560	0,60	D	34	22	6370	0,33	D	29
1x2	SEK-C-12.63-B1-2,5	93,8	16,3	48	18180	1,12	D	37	39	13500	0,60	D	32
	SEK-C-12.63-B2-2,5	125,0	21,7	55	17120	1,20	D	37	44	12730	0,66	D	32
1x3	SEK-C-13.63-B1-2,5	140,6	24,5	73	28280	1,68	D	39	59	20250	0,90	D	34
	SEK-C-13.63-B2-2,5	187,5	32,6	82	25670	1,80	D	39	66	19100	0,99	D	34
2x1	SEK-C-21.63-B1-2,5	93,8	16,3	48	18180	1,12	D	37	39	13500	0,60	D	32
	SEK-C-21.63-B2-2,5	125,0	21,7	54	17120	1,20	D	37	43	12730	0,66	D	32
2x2	SEK-C-22.63-B1-2,5	187,5	32,6	97	36370	2,24	D	40	79	27000	1,20	D	35
	SEK-C-22.63-B2-2,5	250,0	43,5	111	34240	2,40	D	40	89	25470	1,32	D	35
2x3	SEK-C-23.63-B1-2,5	281,3	48,9	145	54550	3,36	D	42	118	40500	1,80	D	37
	SEK-C-23.63-B2-2,5	453,2	65,2	164	51350	3,60	D	42	131	38200	1,98	D	37

FAN: Ø500 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK-C .... Q 3~ 400V - Y 50Hz 800 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK-C .... E Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	Ağırlık Weigh
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m	
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-C-11.50-B1-2,5	30,0	5,2	12	4400	0,17	C	27	-	-	-	-	-	121
SEK-C-11.50-B2-2,5	40,0	7,0	14	4120	0,18	C	27	-	-	-	-	-	125
SEK-C-11.50-B3-2,5	37,5	6,5	14	4720	0,17	C	27	-	-	-	-	-	138
SEK-C-11.50-B4-2,5	50,0	8,7	16	4500	0,18	C	27	-	-	-	-	-	144
SEK-C-12.50-B1-2,5	60,0	10,0	25	8790	0,34	C	30	-	-	-	-	-	226
SEK-C-12.50-B2-2,5	80,0	13,9	28	8250	0,36	C	30	-	-	-	-	-	237
SEK-C-12.50-B3-2,5	75,0	13,0	29	9430	0,34	C	30	-	-	-	-	-	226
SEK-C-12.50-B4-2,5	100,0	17,4	32	8990	0,36	C	30	-	-	-	-	-	237
SEK-C-13.50-B1-2,5	90,0	15,7	37	13190	0,51	C	32	-	-	-	-	-	265
SEK-C-13.50-B2-2,5	120,0	20,9	41	12370	0,54	C	32	-	-	-	-	-	280
SEK-C-13.50-B3-2,5	112,5	19,6	43	14150	0,51	C	32	-	-	-	-	-	318
SEK-C-13.50-B4-2,5	150,0	26,1	48	13490	0,54	C	32	-	-	-	-	-	337
SEK-C-21.50-B1-2,5	60,0	10,4	25	8790	0,34	C	30	-	-	-	-	-	199
SEK-C-21.50-B2-2,5	80,0	13,9	28	8250	0,36	C	30	-	-	-	-	-	209
SEK-C-21.50-B3-2,5	75,0	13,0	29	9430	0,34	C	30	-	-	-	-	-	227
SEK-C-21.50-B4-2,5	100,0	17,4	31	8990	0,36	C	30	-	-	-	-	-	238
SEK-C-22.50-B1-2,5	120,0	20,9	50	17580	0,68	C	33	-	-	-	-	-	310
SEK-C-22.50-B2-2,5	160,0	27,8	57	16500	0,72	C	33	-	-	-	-	-	328
SEK-C-22.50-B3-2,5	150,0	26,1	57	18860	0,68	C	33	-	-	-	-	-	365
SEK-C-22.50-B4-2,5	200,0	34,8	63	17980	0,72	C	33	-	-	-	-	-	388
SEK-C-23.50-B1-2,5	180,0	31,3	75	26370	1,02	C	35	-	-	-	-	-	428
SEK-C-23.50-B2-2,5	240,0	41,7	83	24750	1,08	C	35	-	-	-	-	-	457
SEK-C-23.50-B3-2,5	225,0	39,1	86	28290	1,02	C	35	-	-	-	-	-	512
SEK-C-23.50-B4-2,5	300,0	52,2	95	26970	1,08	C	35	-	-	-	-	-	549

FAN: Ø630 mm

Model	m²	l	SEK-C .... Q 3~ 400V - Y 50Hz 520 rpm kW	m³/h	kW	A+ - E	db(A)	SEK-C .... E kW	m³/h	kW	A+ - E	db(A)	kg
SEK-C-11.63-B1-2,5	46,9	8,2	17	5390	0,18	C	23	-	-	-	-	-	165
SEK-C-11.63-B2-2,5	62,5	10,9	18	5000	0,19	C	23	-	-	-	-	-	172
SEK-C-12.63-B1-2,5	93,8	16,3	34	10770	0,36	C	26	-	-	-	-	-	270
SEK-C-12.63-B2-2,5	125,0	21,7	36	10010	0,38	C	26	-	-	-	-	-	286
SEK-C-13.63-B1-2,5	140,6	24,5	50	16160	0,54	C	28	-	-	-	-	-	374
SEK-C-13.63-B2-2,5	187,5	32,6	54	15010	0,57	C	28	-	-	-	-	-	397
SEK-C-21.63-B1-2,5	93,8	16,3	33	10770	0,36	C	26	-	-	-	-	-	278
SEK-C-21.63-B2-2,5	125,0	21,7	36	10010	0,38	C	26	-	-	-	-	-	292
SEK-C-22.63-B1-2,5	187,5	32,6	67	21540	0,72	C	29	-	-	-	-	-	450
SEK-C-22.63-B2-2,5	250,0	43,5	74	20020	0,76	C	29	-	-	-	-	-	481
SEK-C-23.63-B1-2,5	281,3	48,9	100	32320	1,08	C	31	-	-	-	-	-	618
SEK-C-23.63-B2-2,5	453,2	65,2	109	30030	1,14	C	31	-	-	-	-	-	664

SEK-C Şaseli Endüstriyel Kondenser / SEK-C Chassis Industrial Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø800 mm

				SEK-C .... N 3~ 400V - Δ 50Hz 880 rpm					**SEK-C................. L** 3~ 400V - Y 50Hz 670 rpm				
	Model	**Isı Transfer Yüzeyi Heat Transfer Areas**	**Boru Hacmi Tube Volume**	**Kapasite Capacity** Δt=15K	**Hava Debisi Air Flow**	**Fan Elektrik Gücü Power Consumption** P_{el} Total	**Enerji Sınıfı Energy Efficiency Class**	**Ses Seviyesi Sound Pressure Level** 10 m	**Kapasite Capacity** Δt=15K	**Hava Debisi Air Flow**	**Fan Elektrik Gücü Power Consumption** P_{el} Total	**Enerji Sınıfı Energy Efficiency Class**	**Ses Seviyesi Sound Pressure Level** 10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
	SEK-C-11.80-B1-2,5	67,5	11,7	45	19640	1,70	E	41	38	15130	1,12	E	35
1x1	SEK-C-11.80-B2-2,5	90,0	15,7	51	18450	1,80	E	41	42	14000	1,14	D	35
	SEK-C-11.80-B3-2,5	78,8	13,7	49	20550	1,65	E	41	42	16010	1,11	D	35
	SEK-C-11.80-B4-2,5	105,0	18,3	57	19530	1,70	E	41	47	15040	1,13	D	35
	SEK-C-11.80-B5-2,5	90,0	23,5	53	21260	1,60	E	41	45	16720	1,10	D	35
	SEK-C-11.80-B6-2,5	145,0	31,3	62	20420	1,65	D	41	51	15890	1,12	D	35
	SEK-C-12.80-B1-2,5	135,0	27,4	89	39280	3,40	E	44	75	30260	2,24	E	38
	SEK-C-12.80-B2-2,5	180,0	36,5	103	36900	3,60	E	44	85	28000	2,28	D	38
1x2	SEK-C-12.80-B3-2,5	157,5	35,2	99	41090	3,30	E	44	84	32010	2,22	D	38
	SEK-C-12.80-B4-2,5	210,0	47,0	114	39070	3,40	E	44	94	30080	2,26	D	38
	SEK-C-12.80-B5-2,5	180,0	40,2	107	42530	3,20	E	44	91	33440	2,20	D	38
	SEK-C-12.80-B6-2,5	240,0	53,6	123	40830	3,30	D	44	103	31780	2,24	D	38
	SEK-C-13.80-B1-2,5	202,5	63,6	138	58920	5,10	E	46	117	45390	3,36	E	40
	SEK-C-13.80-B2-2,5	270,0	84,8	159	55350	5,40	E	46	131	42010	3,42	D	40
1x3	SEK-C-13.80-B3-2,5	236,3	74,2	150	61640	4,95	E	46	128	48020	3,33	D	40
	SEK-C-13.80-B4-2,5	315,0	99,0	174	58600	5,10	E	46	145	45120	3,39	D	40
	SEK-C-13.80-B5-2,5	270,0	79,5	160	63790	4,80	E	46	137	50160	3,30	D	40
	SEK-C-13.80-B6-2,5	360,0	106,0	186	61250	4,95	D	46	156	47670	3,36	D	40
	SEK-C-21.80-B1-2,5	129,4	22,2	87	38710	3,40	E	44	73	29760	2,24	E	38
	SEK-C-21.80-B2-2,5	172,5	30,0	100	36280	3,60	E	44	82	27360	2,28	E	38
2x1	SEK-C-21.80-B3-2,5	151,0	25,9	96	40640	3,30	E	44	81	31550	2,22	D	38
	SEK-C-21.80-B4-2,5	201,3	35,0	111	38470	3,40	E	44	92	29570	2,26	D	38
	SEK-C-21.80-B5-2,5	172,5	44,3	104	42140	3,20	E	44	89	33030	2,20	D	38
	SEK-C-21.80-B6-2,5	230,0	60,0	121	40380	3,30	D	44	100	31280	2,24	D	38
	SEK-C-22.80-B1-2,5	258,8	51,7	174	77420	6,80	E	47	147	59510	4,48	E	41
	SEK-C-22.80-B2-2,5	345,0	70,0	201	72560	7,20	E	47	164	54720	4,56	E	41
2x2	SEK-C-22.80-B3-2,5	301,9	66,5	193	812380	6,60	E	47	163	63100	4,44	D	41
	SEK-C-22.80-B4-2,5	402,5	90,0	223	76940	6,80	E	47	184	59140	4,52	D	41
	SEK-C-22.80-B5-2,5	345,0	75,9	209	84290	6,40	E	47	177	66050	4,40	D	41
	SEK-C-22.80-B6-2,5	460,0	102,7	242	80760	6,60	D	47	201	62550	4,48	D	41
	SEK-C-23.80-B1-2,5	388,2	127,2	269	113130	10,20	E	49	227	89270	6,72	E	43
	SEK-C-23.80-B2-2,5	517,5	169,6	310	108840	10,80	E	49	255	82080	6,84	D	43
2x3	SEK-C-23.80-B3-2,5	452,9	148,4	293	121930	9,90	E	49	249	94660	6,66	D	43
	SEK-C-23.80-B4-2,5	603,8	197,9	339	115420	10,20	E	49	282	88710	6,78	D	43
	SEK-C-23.80-B5-2,5	517,5	159,0	312	126430	9,60	E	49	267	99080	6,60	D	43
	SEK-C-23.80-B6-2,5	690,1	212,1	364	121140	9,90	D	49	305	93830	6,72	D	43

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SEK-C .... Q 3~ 400V - Y 50Hz 435 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	SEK-C .... E 3~ 400V - Y 50Hz 340 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	Ağırlık Weigh
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m	
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)	kg
SEK-C-11.80-B1-2,5	67,5	11,7	26	8930	0,31	C	23	22	7100	0,18	B	17	224
SEK-C-11.80-B2-2,5	90,0	15,7	28	8240	0,33	C	23	-	-	-	-	-	234
SEK-C-11.80-B3-2,5	78,8	13,7	29	9450	0,31	C	23	24	7570	0,18	B	17	248
SEK-C-11.80-B4-2,5	105,0	18,3	32	8880	0,33	C	23	-	-	-	-	-	260
SEK-C-11.80-B5-2,5	90,0	23,5	31	9920	0,31	C	23	26	7940	0,18	B	17	275
SEK-C-11.80-B6-2,5	145,0	31,3	34	9370	0,33	C	23	-	-	-	-	-	290
SEK-C-12.80-B1-2,5	135,0	27,4	52	17860	0,62	C	26	44	14210	0,36	B	20	372
SEK-C-12.80-B2-2,5	180,0	36,5	57	16470	0,66	C	26	-	-	-	-	-	395
SEK-C-12.80-B3-2,5	157,5	35,2	58	18300	0,62	C	26	49	15130	0,36	B	20	421
SEK-C-12.80-B4-2,5	210,0	47,0	63	17760	0,66	C	26	-	-	-	-	-	447
SEK-C-12.80-B5-2,5	180,0	40,2	62	19840	0,62	C	26	53	15880	0,36	B	20	470
SEK-C-12.80-B6-2,5	240,0	53,6	68	18750	0,66	C	26	-	-	-	-	-	499
SEK-C-13.80-B1-2,5	202,5	63,6	81	26790	0,93	C	28	68	21310	0,54	B	22	518
SEK-C-13.80-B2-2,5	270,0	84,8	88	24710	0,99	C	28	-	-	-	-	-	551
SEK-C-13.80-B3-2,5	236,3	74,2	89	28350	0,93	C	28	75	22700	0,54	B	22	601
SEK-C-13.80-B4-2,5	315,0	99,0	97	26640	0,99	C	28	-	-	-	-	-	643
SEK-C-13.80-B5-2,5	270,0	79,5	95	29760	0,93	C	28	81	23810	0,54	B	22	676
SEK-C-13.80-B6-2,5	360,0	106,0	105	28120	0,99	C	28	-	-	-	-	-	724
SEK-C-21.80-B1-2,5	129,4	22,2	51	17560	0,62	C	26	43	13840	0,36	B	20	368
SEK-C-21.80-B2-2,5	172,5	30,0	55	16070	0,66	C	26	-	-	-	-	-	387
SEK-C-21.80-B3-2,5	151,0	25,9	56	18650	0,62	C	26	47	14860	0,36	B	20	406
SEK-C-21.80-B4-2,5	201,3	35,0	62	17410	0,66	C	26	-	-	-	-	-	428
SEK-C-21.80-B5-2,5	172,5	44,3	61	19540	0,62	C	26	52	15690	0,36	B	20	450
SEK-C-21.80-B6-2,5	230,0	60,0	67	18450	0,66	C	26	-	-	-	-	-	478
SEK-C-22.80-B1-2,5	258,8	51,7	102	35120	1,24	C	29	85	27670	0,72	B	23	604
SEK-C-22.80-B2-2,5	345,0	70,0	110	37300	1,32	C	29	-	-	-	-	-	647
SEK-C-22.80-B3-2,5	301,9	66,5	112	37300	1,24	C	29	95	29710	0,72	B	23	681
SEK-C-22.80-B4-2,5	402,5	90,0	123	34820	1,32	C	29	-	-	-	-	-	731
SEK-C-22.80-B5-2,5	345,0	75,9	122	39080	1,24	C	29	103	31380	0,72	B	23	758
SEK-C-22.80-B6-2,5	460,0	102,7	134	36900	1,32	C	29	-	-	-	-	-	815
SEK-C-23.80-B1-2,5	388,2	127,2	158	52680	1,86	C	31	132	41510	1,08	B	25	835
SEK-C-23.80-B2-2,5	517,5	169,6	171	48220	1,98	C	31	-	-	-	-	-	899
SEK-C-23.80-B3-2,5	452,9	148,4	173	55950	1,86	C	31	146	44570	1,08	B	25	970
SEK-C-23.80-B4-2,5	603,8	197,9	190	52240	1,98	C	31	-	-	-	-	-	1051
SEK-C-23.80-B5-2,5	517,5	159,0	186	58630	1,86	C	31	158	47070	1,08	B	25	1088
SEK-C-23.80-B6-2,5	690,1	212,1	205	55360	1,98	C	31	-	-	-	-	-	1180

SEK-C Şaseli Endüstriyel Kondenser / SEK-C Chassis Industrial Condenser
Ölçüler / Measures

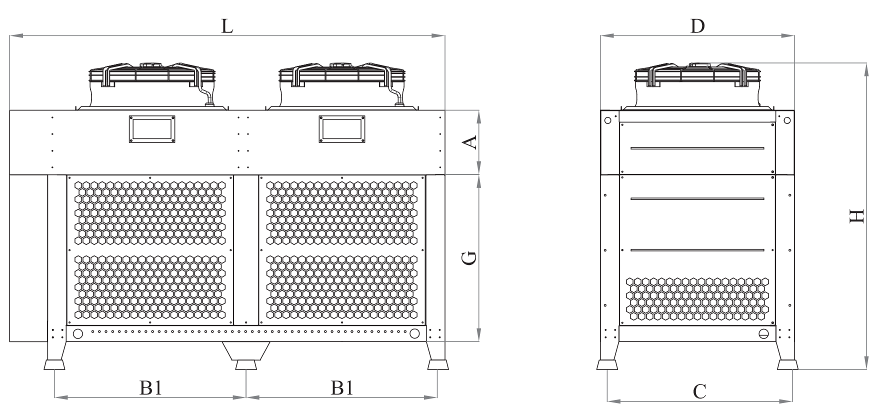
FAN: Ø500 mm

Lamel Aralığı / Fin Spacing **2,1 mm / 2,5 mm**

Model	Ölçüler / Dimensions									Bağlantılar Connections	
	L	H	D	A	B	B1	B2	C	G	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø
SEK-C-11.50-B1	1080	1452	822	300	810	-	-	750	880	22	19
SEK-C-11.50-B2	1080	1452	822	300	810	-	-	750	880	28	22
SEK-C-11.50-B3	1280	1452	822	300	1010	-	-	750	880	22	19
SEK-C-11.50-B4	1280	1452	822	300	1010	-	-	750	880	28	22
SEK-C-12.50-B1	2280	1452	822	300	2010	-	-	750	880	28	22
SEK-C-12.50-B2	2280	1452	822	300	2010	-	-	750	880	28	22
SEK-C-12.50-B3	2280	1452	822	300	2010	-	-	750	880	28	22
SEK-C-12.50-B4	2280	1452	822	300	2010	-	-	750	880	28	22
SEK-C-13.50-B1	2680	1452	822	300	2410	805	800	750	880	35	22
SEK-C-13.50-B2	2680	1452	822	300	2410	805	800	750	880	35	28
SEK-C-13.50-B3	3280	1452	822	300	3010	1005	1000	750	880	35	22
SEK-C-13.50-B4	3280	1452	822	300	3010	1005	1000	750	880	35	28
SEK-C-21.50-B1	1080	1452	1622	300	810	-	-	775	880	28	22
SEK-C-21.50-B2	1080	1452	1622	300	810	-	-	775	880	28	22
SEK-C-21.50-B3	1280	1452	1622	300	1010	-	-	775	880	28	22
SEK-C-21.50-B4	1280	1452	1622	300	1010	-	-	775	880	28	22
SEK-C-22.50-B1	1880	1452	1622	300	1610	-	-	775	880	42	28
SEK-C-22.50-B2	1880	1452	1622	300	1610	-	-	775	880	42	35
SEK-C-22.50-B3	2280	1452	1622	300	2010	-	-	775	880	42	28
SEK-C-22.50-B4	2280	1452	1622	300	2010	-	-	775	880	42	35
SEK-C-23.50-B1	2680	1452	1622	300	2410	805	800	775	880	42	35
SEK-C-23.50-B2	2680	1452	1622	300	2410	805	800	775	880	54	35
SEK-C-23.50-B3	3280	1452	1622	300	3010	1005	1000	775	880	42	35
SEK-C-23.50-B4	3280	1452	1622	300	3010	1005	1000	775	880	54	35

FAN: Ø630 mm

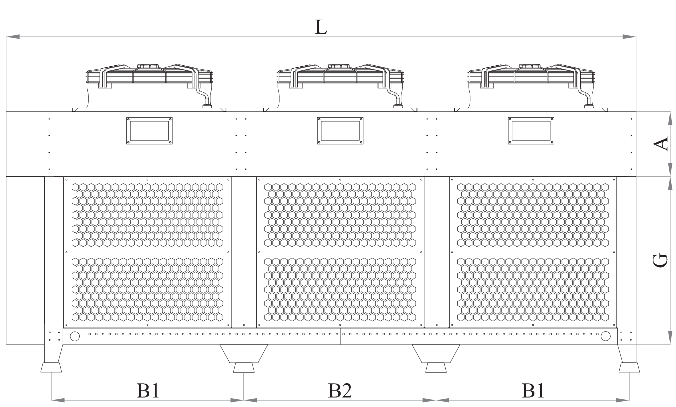
SEK-C-11.63-B1	1300	1516	1022	340	1030	-	-	950	880	22	19
SEK-C-11.63-B2	1300	1516	1022	340	1030	-	-	950	880	22	19
SEK-C-12.63-B1	2300	1516	1022	340	2030	1015	-	950	880	35	22
SEK-C-12.63-B2	2300	1516	1022	340	2030	1015	-	950	880	35	28
SEK-C-13.63-B1	3300	1516	1022	340	3030	1015	1000	950	880	42	28
SEK-C-13.63-B2	3300	1516	1022	340	3030	1015	1000	950	880	42	35
SEK-C-21.63-B1	1300	1516	2022	340	1030	-	-	975	880	*35	*28
SEK-C-21.63-B2	1300	1516	2022	340	1030	-	-	975	880	*35	*28
SEK-C-22.63-B1	2300	1516	2022	340	2030	1015	-	975	880	*42	*35
SEK-C-22.63-B2	2300	1516	2022	340	2030	1015	-	975	880	*42	*35
SEK-C-23.63-B1	3300	1516	2022	340	3030	1015	1000	975	880	*54	*35
SEK-C-23.63-B2	3300	1516	2022	340	3030	1015	1000	975	880	*54	*35

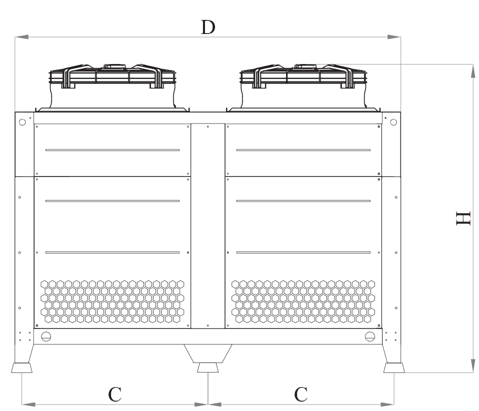


SEK-C Şaseli Endüstriyel Kondenser / SEK-C Chassis Industrial Condenser
Ölçüler / Measures

FAN: Ø800 mm **Lamel Aralığı** / Fin Spacing **2,1 mm / 2,5 mm**

Model	Ölçüler / Dimensions									Bağlantılar Connections	
	L	H	D	A	B	B1	B2	C	G	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm Ø	mm Ø
SEK-C-11.80-B1	1500	1809	1222	400	1230	-	-	1150	980	35	22
SEK-C-11.80-B2	1500	1809	1222	400	1230	-	-	1150	980	35	22
SEK-C-11.80-B3	1700	1809	1222	400	1430	-	-	1150	980	35	22
SEK-C-11.80-B4	1700	1809	1222	400	1430	-	-	1150	980	35	28
SEK-C-11.80-B5	1900	1809	1222	400	1630	-	-	1150	980	35	28
SEK-C-11.80-B6	1900	1809	1222	400	1630	-	-	1150	980	35	28
SEK-C-12.80-B1	2700	1809	1222	400	2430	1200	-	1150	980	42	35
SEK-C-12.80-B2	2700	1809	1222	400	2430	1200	-	1150	980	42	35
SEK-C-12.80-B3	3100	1809	1222	400	2830	1400	-	1150	980	42	35
SEK-C-12.80-B4	3100	1809	1222	400	2830	1400	-	1150	980	42	35
SEK-C-12.80-B5	3500	1809	1222	400	3230	1600	-	1150	980	42	35
SEK-C-12.80-B6	3500	1809	1222	400	3230	1600	-	1150	980	42	35
SEK-C-13.80-B1	3900	1809	1222	400	3630	1215	1200	1150	980	54	42
SEK-C-13.80-B2	3900	1809	1222	400	3630	1215	1200	1150	980	54	42
SEK-C-13.80-B3	4500	1809	1222	400	4230	1415	1400	1150	980	54	42
SEK-C-13.80-B4	4500	1809	1222	400	4230	1415	1400	1150	980	54	42
SEK-C-13.80-B5	5100	1809	1222	400	4830	1615	1600	1150	980	54	42
SEK-C-13.80-B6	5100	1809	1222	400	4830	1615	1600	1150	980	54	42
SEK-C-21.80-B1	1500	1809	2322	400	1230	-	-	1125	980	*42	*28
SEK-C-21.80-B2	1500	1809	2322	400	1230	-	-	1125	980	*42	*35
SEK-C-21.80-B3	1700	1809	2322	400	1430	-	-	1125	980	*42	*35
SEK-C-21.80-B4	1700	1809	2322	400	1430	-	-	1125	980	*42	*35
SEK-C-21.80-B5	1900	1809	2322	400	1630	-	-	1125	980	*42	*35
SEK-C-21.80-B6	1900	1809	2322	400	1630	-	-	1125	980	*42	*35
SEK-C-22.80-B1	2700	1809	2322	400	2430	1215	-	1125	980	*54	*42
SEK-C-22.80-B2	2700	1809	2322	400	2430	1215	-	1125	980	*54	*42
SEK-C-22.80-B3	3100	1809	2322	400	2830	1415	-	1125	980	*54	*42
SEK-C-22.80-B4	3100	1809	2322	400	2830	1415	-	1125	980	*66	*42
SEK-C-22.80-B5	3500	1809	2322	400	3230	1615	-	1125	980	*54	*42
SEK-C-22.80-B6	3500	1809	2322	400	3230	1615	-	1125	980	*66	*42
SEK-C-23.80-B1	3900	1809	2322	400	3630	1215	1200	1125	980	*80	*54
SEK-C-23.80-B2	3900	1809	2322	400	3630	1215	1200	1125	980	*80	*54
SEK-C-23.80-B3	4500	1809	2322	400	4230	1415	1400	1125	980	*80	*54
SEK-C-23.80-B4	4500	1809	2322	400	4230	1415	1400	1125	980	*80	*54
SEK-C-23.80-B5	5100	1809	2322	400	4830	1615	1600	1125	980	*80	*54
SEK-C-23.80-B6	5100	1809	2322	400	4830	1615	1600	1125	980	*80	*54





Genel Özellikler / Specifications

Batarya
• Bakır borular Ø3/8", Ø1/2",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50/60 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coil
• Copper tubes Ø3/8", Ø1/2",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -40°C up to +60/+65°C,
• Maximum start up recommended for motors is 6 per hour,
• Condensers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
• Capacities are calculated for difference noise levels

Options
• Two refrigerant circuit,
• Different casing color,
• Three phase 400V 3~50/60 Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Cam switch,

SEK-C

SVK - V Type Condenser

SVK - V Tip Kondenser

SVK Series

SARBUZ SVK Serisi V Kondenserler, orta ve büyük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SVK Series V Condensers are designed for middle and high capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SVK-23.80-B4-2,5-N

V tip kondenser V Type condenser	**SVK-**
Fan dizilimi 2 x 3 2 Rows, 3 fans per row	**23.**
Fan çapı Fan diameter	**80-**
Batarya kodu Coil code	**B4-**
Hatve (2,1 mm - 2,5 mm) Fin Spacing (2,1 mm - 2,5 mm)	**2,5-**
Normal ses seviyesi Normal noise level	**N**
Düşük ses seviyesi Low noise level	**L**
Çok düşük ses seviyesi Quiet noise level	**Q**

SVK - V Tip Kondenser / SVK - V Type Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing 2,1 mm

FAN: Ø500 mm

				SVK .... N 1~ 230V 50Hz 1400 rpm					SVK .... L 3~ 400V - Δ 50Hz 930 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Boru Hacmi Tube Volume	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	Watt	m³/h	Watt	A+ - E	dB(A)	Watt	m³/h	Watt	A+ - E	dB(A)
1x2	SVK-12.50-B1-2,1	136,0	19,6	55	17870	1,22	D	44	40	11670	0,40	C	35
	SVK-12.50-B2-2,1	181,3	26,1	62	17330	1,26	D	44	44	11340	0,42	C	35
1x3	SVK-13.50-B1-2,1	203,9	29,3	84	26810	1,83	D	46	61	17510	0,60	C	37
	SVK-13.50-B2-2,1	271,9	39,1	94	25990	1,90	D	46	67	17010	0,63	C	37
1x4	SVK-14.50-B1-2,1	271,9	39,1	110	35740	2,44	D	47	80	23350	0,80	C	38
	SVK-14.50-B2-2,1	362,6	52,2	124	34650	2,53	D	47	88	22680	0,84	C	38
2x2	SVK-22.50-B1-2,1	170,0	24,5	86	32090	2,44	E	47	64	21030	0,80	D	38
	SVK-22.50-B2-2,1	226,6	32,6	99	30150	2,53	D	47	72	19660	0,84	C	38
2x3	SVK-23.50-B1-2,1	254,9	36,7	130	48130	3,66	E	49	96	31550	1,20	C	40
	SVK-23.50-B2-2,1	339,9	48,9	145	45230	3,79	D	49	105	29500	1,26	C	40
2x4	SVK-24.50-B1-2,1	339,9	48,9	178	64180	4,88	E	50	132	42070	1,60	C	41
	SVK-24.50-B2-2,1	453,2	65,2	199	60300	5,06	D	50	143	39330	1,68	C	41

Lamel Aralığı / Fin Spacing 2,5 mm

FAN: Ø500 mm

				SVK .... N 1~ 230V 50Hz 1400 rpm					SVK .... L 3~ 400V - Δ 50Hz 930 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Boru Hacmi Tube Volume	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	Watt	m³/h	Watt	A+ - E	dB(A)	Watt	m³/h	Watt	A+ - E	dB(A)
1x2	SVK-12.50-B1-2,5	115,7	19,6	51	18040	1,22	D	44	37	11770	0,40	C	35
	SVK-12.50-B2-2,5	154,2	26,1	58	17540	1,26	D	44	42	11480	0,42	C	35
1x3	SVK-13.50-B1-2,5	173,5	29,3	77	27070	1,83	D	46	56	17650	0,60	C	37
	SVK-13.50-B2-2,5	231,3	39,1	89	26320	1,90	D	46	64	17230	0,63	C	37
1x4	SVK-14.50-B1-2,5	231,3	39,1	102	36090	2,44	D	47	75	23530	0,80	C	38
	SVK-14.50-B2-2,5	308,4	52,2	117	35090	2,53	D	47	84	22970	0,84	C	38
2x2	SVK-22.50-B1-2,5	144,6	24,5	80	32710	2,44	E	47	60	21460	0,80	D	38
	SVK-22.50-B2-2,5	192,8	32,6	94	30900	2,53	D	47	68	20140	0,84	C	38
2x3	SVK-23.50-B1-2,5	216,9	36,7	120	49070	3,66	E	49	89	32190	1,20	C	40
	SVK-23.50-B2-2,5	289,2	48,9	137	46350	3,79	E	49	100	30200	1,26	C	40
2x4	SVK-24.50-B1-2,5	289,2	48,9	164	65430	4,88	E	50	123	42920	1,60	C	41
	SVK-24.50-B2-2,5	385,5	65,2	188	61800	5,06	D	50	137	40270	1,68	C	41

SVK .... Q
3~ 400V - Y 50Hz 800 rpm

MODEL	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ölçüler Dimensions L	H	H1	D	B1	B2	B3	Bağlantılar Connections Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-12.50-B1-2,1	-	-	-	-	-	1900	1066	940	970	825	-	675	2x22	2x19
SVK-12.50-B2-2,1	-	-	-	-	-	1900	1066	940	970	825	-	675	2x28	2x22
SVK-13.50-B1-2,1	-	-	-	-	-	2650	1066	940	970	825	750	675	2x28	2x22
SVK-13.50-B2-2,1	-	-	-	-	-	2650	1066	940	970	825	750	675	2x28	2x22
SVK-14.50-B1-2,1	-	-	-	-	-	3400	1066	940	970	825	750	675	2x35	2x28
SVK-14.50-B2-2,1	-	-	-	-	-	3400	1066	940	970	825	750	675	2x35	2x28
SVK-22.50-B1-2,1	-	-	-	-	-	1900	1306	1180	1500	825	750	675	2x28	2x22
SVK-22.50-B2-2,1	-	-	-	-	-	1900	1306	1180	1500	825	750	675	2x28	2x22
SVK-23.50-B1-2,1	-	-	-	-	-	2650	1306	1180	1500	825	750	675	2x35	2x28
SVK-23.50-B2-2,1	-	-	-	-	-	2650	1306	1180	1500	825	750	675	2x35	2x28
SVK-24.50-B1-2,1	-	-	-	-	-	3400	1306	1180	1500	825	750	675	2x35	2x28
SVK-24.50-B2-2,1	-	-	-	-	-	3400	1306	1180	1500	825	750	675	2x42	2x35

SVK .... Q
3~ 400V - Y 50Hz 800 rpm

MODEL	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ölçüler Dimensions L	H	H1	D	B1	B2	B3	Bağlantılar Connections Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-12.50-B1-2,5	-	-	-	-	-	1900	1066	940	970	825	-	675	2x22	2x19
SVK-12.50-B2-2,5	-	-	-	-	-	1900	1066	940	970	825	-	675	2x28	2x22
SVK-13.50-B1-2,5	-	-	-	-	-	2650	1066	940	970	825	750	675	2x28	2x22
SVK-13.50-B2-2,5	-	-	-	-	-	2650	1066	940	970	825	750	675	2x28	2x22
SVK-14.50-B1-2,5	-	-	-	-	-	3400	1066	940	970	825	750	675	2x35	2x28
SVK-14.50-B2-2,5	-	-	-	-	-	3400	1066	940	970	825	750	675	2x35	2x28
SVK-22.50-B1-2,5	-	-	-	-	-	1900	1306	1180	1500	825	750	675	2x28	2x22
SVK-22.50-B2-2,5	-	-	-	-	-	1900	1306	1180	1500	825	750	675	2x28	2x22
SVK-23.50-B1-2,5	-	-	-	-	-	2650	1306	1180	1500	825	750	675	2x35	2x28
SVK-23.50-B2-2,5	-	-	-	-	-	2650	1306	1180	1500	825	750	675	2x35	2x28
SVK-24.50-B1-2,5	-	-	-	-	-	3400	1306	1180	1500	825	750	675	2x35	2x28
SVK-24.50-B2-2,5	-	-	-	-	-	3400	1306	1180	1500	825	750	675	2x42	2x35

SVK - V Tip Kondenser / SVK - V Type Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø800 mm

	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SVK .... N 3~ 400V - Δ 50Hz 880 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	SVK .... L 3~ 400V - Y 50Hz 670 rpm Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
	SVK-12.80-B1-2,1	271,9	39,1	128	43930	3,40	D	44	108	34780	2,24	D	38
	SVK-12.80-B2-2,1	362,6	52,2	146	42430	3,60	D	44	122	33350	2,28	D	38
1x2	SVK-12.80-B3-2,1	326,3	47,0	139	45270	3,30	D	44	119	36480	2,22	D	38
	SVK-12.80-B4-2,1	435,1	62,6	157	44030	3,40	D	44	131	34870	2,26	D	38
	SVK-12.80-B5-2,1	380,7	54,8	145	46200	3,20	D	44	123	37360	2,20	D	38
	SVK-12.80-B6-2,1	507,6	73,0	163	45150	3,30	D	44	137	36340	2,24	D	38
	SVK-13.80-B1-2,1	407,9	58,7	192	65900	5,10	D	46	162	52170	3,36	D	40
	SVK-13.80-B2-2,1	543,8	78,3	217	63640	5,40	D	46	180	50020	3,42	D	40
1x3	SVK-13.80-B3-2,1	489,5	70,4	208	67900	4,95	D	46	178	54720	3,33	D	40
	SVK-13.80-B4-2,1	652,6	93,9	235	66040	5,10	D	46	196	52300	3,39	D	40
	SVK-13.80-B5-2,1	571,0	82,2	222	69300	4,80	D	46	189	56040	3,30	D	40
	SVK-13.80-B6-2,1	761,4	109,6	249	67720	4,95	D	46	210	54520	3,36	D	40
	SVK-14.80-D1-2,1	651,4	107,7	268	86290	6,80	D	47	225	67990	4,48	D	41
	SVK-14.80-D2-2,1	868,6	143,6	298	83050	7,20	D	47	246	64860	4,56	D	41
1x4	SVK-14.80-D3-2,1	781,7	129,3	292	89200	6,60	D	47	248	71490	4,44	D	41
	SVK-14.80-D4-2,1	1042,3	172,4	325	86480	6,80	D	47	269	68270	4,52	D	41
	SVK-14.80-D5-2,1	912,0	150,8	311	91250	6,40	D	47	265	73700	4,40	D	41
	SVK-14.80-D6-2,1	1216,0	201,1	345	88960	6,60	D	47	287	71120	4,48	D	41
	SVK-15.80-D1-2,1	814,3	134,7	339	107860	8,50	D	48	286	84990	5,60	D	42
	SVK-15.80-D2-2,1	1085,7	179,6	378	103810	9,00	D	48	312	81070	5,70	D	42
1x5	SVK-15.80-D3-2,1	977,1	161,6	367	111500	8,25	D	48	312	89360	5,55	D	42
	SVK-15.80-D4-2,1	1302,9	215,5	408	108100	8,50	D	48	338	85330	5,65	D	42
	SVK-15.80-D5-2,1	1140,0	188,5	387	114060	8,00	D	48	331	92130	5,50	D	42
	SVK-15.80-D6-2,1	1520,0	251,4	430	111200	8,25	D	48	360	88900	5,60	D	42
	SVK-16.80-D1-2,1	977,1	161,6	407	129440	10,20	D	49	344	101980	6,72	D	43
	SVK-16.80-D2-2,1	1302,9	215,5	454	124570	10,80	D	49	376	97280	6,84	D	43
1x6	SVK-16.80-D3-2,1	1172,6	193,9	436	133800	9,90	D	49	373	107240	6,66	D	43
	SVK-16.80-D4-2,1	1563,4	258,6	454	124570	10,20	D	49	376	97280	6,78	D	43
	SVK-16.80-D5-2,1	1368,0	226,2	456	136870	9,60	D	49	393	110550	6,60	D	43
	SVK-16.80-D6-2,1	1824,0	301,6	509	133440	9,90	D	49	428	106680	6,72	D	43
	SVK-22.80-B1-2,1	407,9	58,7	224	82570	6,80	E	47	188	64390	4,48	D	41
	SVK-22.80-B2-2,1	543,8	78,3	256	78610	7,20	E	47	211	60620	4,56	D	41
2x2	SVK-22.80-B3-2,1	489,5	70,4	246	86100	6,60	D	47	208	67800	4,44	D	41
	SVK-22.80-B4-2,1	652,6	93,9	279	82810	6,80	D	47	231	64670	4,52	D	41
	SVK-22.80-B5-2,1	571,0	82,2	263	88630	6,40	D	47	224	70570	4,40	D	41
	SVK-22.80-B6-2,1	761,4	109,6	299	85810	6,60	D	47	249	67530	4,48	D	41
	SVK-23.80-B1-2,1	611,8	88,0	336	123860	10,20	E	49	283	96590	6,72	D	43
	SVK-23.80-B2-2,1	815,8	117,4	381	117920	10,80	E	49	314	90920	6,84	D	43
2x3	SVK-23.80-B3-2,1	734,2	105,6	369	129150	9,90	D	49	312	101710	6,66	D	43
	SVK-23.80-B4-2,1	978,9	140,9	419	124210	10,20	D	49	347	97010	6,78	D	43
	SVK-23.80-B5-2,1	1142,1	164,3	395	132940	9,60	D	49	337	105850	6,60	D	43
	SVK-23.80-B6-2,1	1142,1	164,3	449	128720	9,90	D	49	371	101290	6,72	D	43
	SVK-24.80-D1-2,1	1013,3	167,6	476	162660	13,60	E	50	399	126390	8,96	D	44
	SVK-24.80-D2-2,1	1351,1	223,4	530	154080	14,40	D	50	434	118470	9,12	D	44
2x4	SVK-24.80-D3-2,1	1216,0	201,1	525	170010	13,20	D	50	442	133580	8,88	D	44
	SVK-24.80-D4-2,1	1621,3	268,1	586	163230	13,60	D	50	482	126950	9,04	D	44
	SVK-24.80-D5-2,1	1418,7	234,6	564	175440	12,80	D	50	477	138930	8,80	D	44
	SVK-24.80-D6-2,1	1891,6	312,8	628	169430	13,20	D	50	519	133030	8,96	D	44
	SVK-25.80-D1-2,1	1266,7	209,5	602	203330	17,00	E	51	506	157990	11,20	D	45
	SVK-25.80-D2-2,1	1688,9	279,3	671	192600	18,00	D	51	550	148080	11,40	D	45
2x5	SVK-25.80-D3-2,1	1520,0	251,4	656	212510	16,50	D	51	555	166980	11,10	D	45
	SVK-25.80-D4-2,1	2026,7	335,2	735	204040	17,00	D	51	606	158680	11,30	D	45
	SVK-25.80-D5-2,1	1773,3	293,3	697	219300	16,00	D	51	593	173660	11,00	D	45
	SVK-25.80-D6-2,1	2364,4	391,0	781	211790	16,50	D	51	649	166290	11,20	D	45
	SVK-26.80-D1-2,1	1520,0	251,4	719	243990	20,40	E	52	607	189590	13,44	D	46
	SVK-26.80-D2-2,1	2026,7	335,2	805	231120	21,60	D	52	662	177700	13,68	D	46
2x6	SVK-26.80-D3-2,1	1824,0	301,6	775	255010	19,80	D	52	660	200370	13,32	D	46
	SVK-26.80-D4-2,1	2432,0	402,2	872	244850	20,40	D	52	724	190420	13,56	D	46
	SVK-26.80-D5-2,1	2128,0	351,9	815	263160	19,20	D	52	699	208390	13,20	D	46
	SVK-26.80-D6-2,1	2837,3	469,2	919	254150	19,80	D	52	769	199540	13,44	D	46
	SVK-27.80-D1-2,1	1773,3	293,3	825	284660	23,80	E	53	701	221190	15,68	D	47
	SVK-27.80-D2-2,1	2364,4	391,0	929	269640	25,20	D	53	768	207320	15,96	D	47
2x7	SVK-27.80-D3-2,1	2128,0	351,9	913	297510	23,10	D	53	768	233770	15,54	D	47
	SVK-27.80-D4-2,1	2837,3	469,2	1018	285660	23,80	D	53	837	222160	15,82	D	47
	SVK-27.80-D5-2,1	2482,7	410,6	985	307020	22,40	D	53	831	243120	15,40	D	47
	SVK-27.80-D6-2,1	3310,2	547,4	1096	296510	23,10	D	53	905	232800	15,68	D	47
	SVK-28.80-D1-2,1	2026,7	335,2	953	325320	27,20	E	53	799	252790	17,92	D	47
	SVK-28.80-D2-2,1	2702,2	446,9	1066	308160	28,80	D	53	868	236930	18,24	D	47
2x8	SVK-28.80-D3-2,1	2432,0	402,2	1051	340010	26,40	D	53	885	267160	17,76	D	47
	SVK-28.80-D4-2,1	3242,7	536,3	1173	326470	27,20	D	53	965	253890	18,08	D	47
	SVK-28.80-D5-2,1	2837,3	469,2	1129	350880	25,60	D	53	954	277850	17,60	D	47
	SVK-28.80-D6-2,1	3783,1	625,6	1257	338870	26,40	D	53	1039	266060	17,92	D	47

SVK .... Q
3~ 400V - Δ 50Hz 435 rpm

MODEL	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ölçüler Dimensions L	H	H1	D	B1	B2	B3	Bağlantılar Connections Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-12.80-B1-2,1	73	20630	0,62	B	26	2400	1693	1410	1385	1075	-	925	2x35	2x28
SVK-12.80-B2-2,1	80	19740	0,66	B	26	2400	1693	1410	1385	1075	-	925	2x35	2x28
SVK-12.80-B3-2,1	79	21420	0,62	B	26	2800	1693	1410	1385	1275	-	1125	2x35	2x28
SVK-12.80-B4-2,1	85	20730	0,66	B	26	2800	1693	1410	1385	1275	-	1125	2x35	2x28
SVK-12.80-B5-2,1	81	22020	0,62	B	26	3200	1693	1410	1385	1475	-	1325	2x35	2x28
SVK-12.80-B6-2,1	88	21380	0,66	B	26	3200	1693	1410	1385	1475	-	1325	2x35	2x28
SVK-13.80-B1-2,1	109	30950	0,93	B	28	3400	1693	1410	1385	1075	1000	925	2x35	2x28
SVK-13.80-B2-2,1	118	29610	0,99	B	28	3400	1693	1410	1385	1075	1000	925	2x42	2x35
SVK-13.80-B3-2,1	118	32140	0,93	B	28	4000	1693	1410	1385	1275	1200	1125	2x42	2x35
SVK-13.80-B4-2,1	127	31100	0,99	B	28	4000	1693	1410	1385	1275	1200	1125	2x42	2x35
SVK-13.80-B5-2,1	125	33030	0,93	B	28	4600	1693	1410	1385	1475	1400	1325	2x42	2x35
SVK-13.80-B6-2,1	135	32060	0,99	B	28	4600	1693	1410	1385	1475	1400	1325	2x42	2x35
SVK-14.80-D1-2,1	151	40370	1,24	B	29	4400	1598	1315	1350	1075	1000	925	2x42	2x35
SVK-14.80-D2-2,1	159	38290	1,32	B	29	4400	1598	1315	1350	1075	1000	925	2x42	2x35
SVK-14.80-D3-2,1	164	42060	1,24	B	29	5200	1598	1315	1350	1275	1200	1125	2x42	2x35
SVK-14.80-D4-2,1	173	40470	1,32	B	29	5200	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-14.80-D5-2,1	173	43250	1,24	B	29	6000	1598	1315	1350	1475	1400	1325	2x42	2x35
SVK-14.80-D6-2,1	183	41960	1,32	B	29	6000	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-15.80-D1-2,1	191	50470	1,55	B	30	5400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-15.80-D2-2,1	201	47870	1,65	B	30	5400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-15.80-D3-2,1	206	52570	1,55	B	30	6400	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-15.80-D4-2,1	218	50590	1,65	B	30	6400	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-15.80-D5-2,1	218	54060	1,55	B	30	7400	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-15.80-D6-2,1	230	52450	1,65	B	30	7400	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-16.80-D1-2,1	231	60560	1,86	B	31	6400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-16.80-D2-2,1	243	57440	1,98	B	31	6400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-16.80-D3-2,1	248	63090	1,86	B	31	7600	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-16.80-D4-2,1	243	57440	1,98	B	31	7600	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-16.80-D5-2,1	261	64870	1,86	B	31	8800	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-16.80-D6-2,1	275	62940	1,98	B	31	8800	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-22.80-B1-2,1	128	38090	1,24	C	29	2400	2207	1924	2310	1075	-	925	2x42	2x35
SVK-22.80-B2-2,1	139	35720	1,32	C	29	2400	2207	1924	2310	1075	-	925	2x42	2x35
SVK-22.80-B3-2,1	141	40270	1,24	B	29	2800	2207	1924	2310	1275	-	1125	2x42	2x35
SVK-22.80-B4-2,1	152	38190	1,32	B	29	2800	2207	1924	2310	1275	-	1125	2x42	2x35
SVK-22.80-B5-2,1	151	41760	1,24	B	29	3200	2207	1924	2310	1475	-	1325	2x42	2x35
SVK-22.80-B6-2,1	163	40080	1,32	B	29	3200	2207	1924	2310	1475	-	1325	2x42	2x35
SVK-23.80-B1-2,1	192	57140	1,86	C	31	3400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-23.80-B2-2,1	206	53570	1,98	C	31	3400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-23.80-B3-2,1	212	60410	1,86	B	31	4000	2207	1924	2310	1275	1200	1125	2x54	2x42
SVK-23.80-B4-2,1	227	57290	1,98	B	31	4000	2207	1924	2310	1275	1200	1125	2x54	2x42
SVK-23.80-B5-2,1	226	62640	1,86	B	31	4600	2207	1924	2310	1475	1400	1325	2x54	2x42
SVK-23.80-B6-2,1	245	60110	1,98	B	31	4600	2207	1924	2310	1475	1400	1325	2x54	2x42
SVK-24.80-D1-2,1	269	74600	2,48	C	32	4400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-24.80-D2-2,1	283	69850	2,64	C	32	4400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-24.80-D3-2,1	297	79160	2,48	B	32	5200	2207	1924	2310	1275	1200	1125	2x54	2x42
SVK-24.80-D4-2,1	313	75000	2,64	B	32	5200	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-24.80-D5-2,1	319	82530	2,48	B	32	6000	2207	1924	2310	1475	1400	1325	2x54	2x42
SVK-24.80-D6-2,1	335	78760	2,64	B	32	6000	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-25.80-D1-2,1	341	93250	3,10	B	33	5400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-25.80-D2-2,1	358	87310	3,30	B	33	5400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-25.80-D3-2,1	374	98950	3,10	B	33	6400	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-25.80-D4-2,1	394	93750	3,30	B	33	6400	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-25.80-D5-2,1	400	103160	3,10	B	33	7400	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-25.80-D6-2,1	421	98450	3,30	B	33	7400	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-26.80-D1-2,1	412	111900	3,72	B	34	6400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-26.80-D2-2,1	433	104770	3,96	B	34	6400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-26.80-D3-2,1	449	118740	3,72	B	34	7600	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-26.80-D4-2,1	474	112500	3,96	B	34	7600	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-26.80-D5-2,1	477	123790	3,72	B	34	8800	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-26.80-D6-2,1	504	118150	3,96	B	34	8800	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-27.80-D1-2,1	480	130550	4,34	B	35	7400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-27.80-D2-2,1	506	122230	4,62	B	35	7400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-27.80-D3-2,1	514	138530	4,34	B	35	8800	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-27.80-D4-2,1	543	131250	4,62	B	35	8800	2207	1924	2310	1275	1200	1125	2x80	2x66
SVK-27.80-D5-2,1	554	144430	4,34	B	35	10200	2207	1924	2310	1475	1400	1325	2x80	2x66
SVK-27.80-D6-2,1	584	137840	4,62	B	35	10200	2207	1924	2310	1475	1400	1325	2x80	2x66
SVK-28.80-D1-2,1	538	149200	4,96	C	35	8400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-28.80-D2-2,1	566	139690	5,28	C	35	8400	2207	1924	2310	1075	1000	925	2x80	2x66
SVK-28.80-D3-2,1	593	158320	4,96	B	35	10000	2207	1924	2310	1275	1200	1125	2x80	2x66
SVK-28.80-D4-2,1	625	150000	5,28	B	35	10000	2207	1924	2310	1275	1200	1125	2x80	2x66
SVK-28.80-D5-2,1	637	165060	4,96	B	35	11600	2207	1924	2310	1475	1400	1325	2x80	2x66
SVK-28.80-D6-2,1	671	157530	5,28	B	35	11600	2207	1924	2310	1475	1400	1325	2x80	2x66

SVK - V Tip Kondenser / SVK - V Type Condenser
Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø800 mm

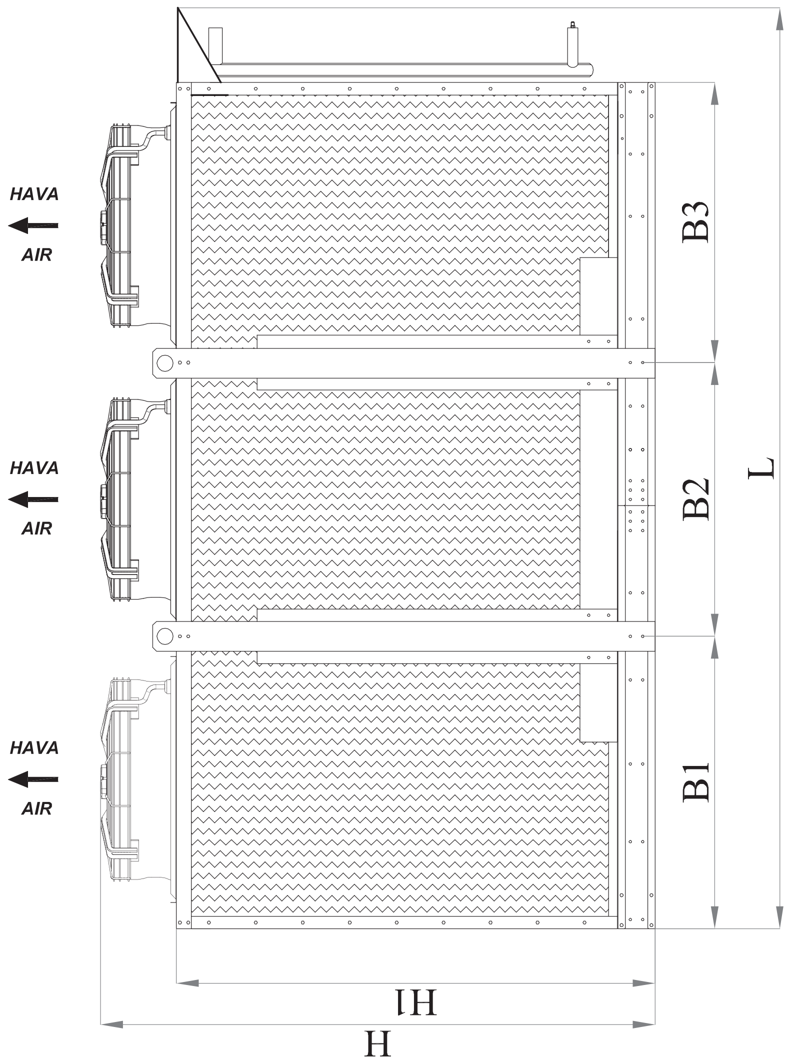
	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SVK .... N 3~ 400V - Δ 50Hz 895 rpm Kapasite Capacity					SVK .... L 3~ 400V - Y 50Hz 685 rpm Kapasite Capacity				
				Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level
				Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
1x2	SVK-12.80-B1-2,5	231,3	39,1	118	44430	3,40	E	44	101	35470	2,24	D	38
	SVK-12.80-B2-2,5	308,4	52,2	138	43030	3,60	D	44	115	33900	2,28	D	38
	SVK-12.80-B3-2,5	277,6	47,0	128	45670	3,30	D	44	110	36850	2,22	D	38
	SVK-12.80-B4-2,5	370,1	62,6	148	44500	3,40	D	44	124	35560	2,26	D	38
	SVK-12.80-B5-2,5	323,8	54,8	134	46530	3,20	D	44	115	37680	2,20	D	38
	SVK-12.80-B6-2,5	431,8	73,0	153	45580	3,30	D	44	130	36760	2,24	D	38
1x3	SVK-13.80-B1-2,5	347,0	58,7	177	66650	5,10	E	46	151	53200	3,36	D	40
	SVK-13.80-B2-2,5	462,6	78,3	204	64540	5,40	D	46	170	50850	3,42	D	40
	SVK-13.80-B3-2,5	416,4	70,4	193	68510	4,95	D	46	165	55280	3,33	D	40
	SVK-13.80-B4-2,5	555,2	93,9	221	66760	5,10	D	46	187	53340	3,39	D	40
	SVK-13.80-B5-2,5	485,8	82,2	205	69800	4,80	D	46	176	56520	3,30	D	40
	SVK-13.80-B6-2,5	647,7	109,6	235	68370	4,95	D	46	199	55140	3,36	D	40
1x4	SVK-14.80-D1-2,5	553,0	107,7	249	87340	6,80	D	47	211	69090	4,48	D	41
	SVK-14.80-D2-2,5	737,3	143,6	282	84290	7,20	D	47	235	66150	4,56	D	41
	SVK-14.80-D3-2,5	663,6	129,3	273	90100	6,60	D	47	233	72500	4,44	D	41
	SVK-14.80-D4-2,5	884,8	172,4	308	87530	6,80	D	47	257	69280	4,52	D	41
	SVK-14.80-D5-2,5	774,2	150,8	291	92010	6,40	D	47	249	74350	4,40	D	41
	SVK-14.80-D6-2,5	1032,2	201,1	328	89910	6,60	D	47	277	72320	4,48	D	41
1x5	SVK-15.80-D1-2,5	691,2	134,7	316	109170	8,50	D	48	268	86370	5,60	D	42
	SVK-15.80-D2-2,5	921,6	179,6	358	105360	9,00	D	48	298	82680	5,70	D	42
	SVK-15.80-D3-2,5	829,5	161,6	343	112630	8,25	D	48	294	90630	5,55	D	42
	SVK-15.80-D4-2,5	1105,9	215,5	388	109410	8,50	D	48	324	86600	5,65	D	42
	SVK-15.80-D5-2,5	967,7	188,5	363	115020	8,00	D	48	312	92930	5,50	D	42
	SVK-15.80-D6-2,5	1290,3	251,4	411	112390	8,25	D	48	347	90400	5,60	D	42
1x6	SVK-16.80-D1-2,5	829,5	161,6	380	131010	10,20	D	49	324	103640	6,72	D	43
	SVK-16.80-D2-2,5	1105,9	215,5	432	126430	10,80	D	49	360	99220	6,84	D	43
	SVK-16.80-D3-2,5	995,3	193,9	408	135160	9,90	D	49	352	108760	6,66	D	43
	SVK-16.80-D4-2,5	1327,1	258,6	432	126430	10,20	D	49	360	99220	6,78	D	43
	SVK-16.80-D5-2,5	1161,2	226,2	430	138020	9,60	D	49	371	111520	6,60	D	43
	SVK-16.80-D6-2,5	1548,3	301,6	488	134870	9,90	D	49	414	108480	6,72	D	43
2x2	SVK-22.80-B1-2,5	407,9	58,7	206	83810	6,80	E	47	175	65680	4,48	D	41
	SVK-22.80-B2-2,5	543,8	78,3	241	80230	7,20	E	47	201	62090	4,56	D	41
	SVK-22.80-B3-2,5	489,5	70,4	227	87150	6,60	E	47	193	68910	4,44	D	41
	SVK-22.80-B4-2,5	652,6	93,9	262	84100	6,80	D	47	219	65870	4,52	D	41
	SVK-22.80-B5-2,5	571,0	82,2	244	89530	6,40	D	47	210	72040	4,40	D	41
	SVK-22.80-B6-2,5	761,4	109,6	281	86860	6,60	D	47	236	68630	4,48	D	41
2x3	SVK-23.80-B1-2,5	611,8	88,0	309	125720	10,20	E	49	262	98530	6,72	D	43
	SVK-23.80-B2-2,5	815,8	117,4	357	120350	10,80	E	49	297	93140	6,84	D	43
	SVK-23.80-B3-2,5	734,2	105,6	341	130720	9,90	E	49	290	103370	6,66	D	43
	SVK-23.80-B4-2,5	978,9	140,9	393	126150	10,20	D	49	329	98800	6,78	D	43
	SVK-23.80-B5-2,5	1142,1	164,3	366	134300	9,60	D	49	315	108070	6,60	D	43
	SVK-23.80-B6-2,5	1142,1	164,3	422	130290	9,90	D	49	354	102950	6,72	D	43
2x4	SVK-24.80-D1-2,5	1013,3	167,6	442	165330	13,60	E	50	374	129070	8,96	D	44
	SVK-24.80-D2-2,5	1351,1	223,4	502	157510	14,40	E	50	415	121420	9,12	D	44
	SVK-24.80-D3-2,5	1216,0	201,1	489	172390	13,20	D	50	415	135790	8,88	D	44
	SVK-24.80-D4-2,5	1621,3	268,1	555	165810	13,60	D	50	461	129530	9,04	D	44
	SVK-24.80-D5-2,5	1418,7	234,6	526	177350	12,80	D	50	449	141510	8,80	D	44
	SVK-24.80-D6-2,5	1891,6	312,8	597	171820	13,20	D	50	498	135240	8,96	D	44
2x5	SVK-25.80-D1-2,5	1266,7	209,5	559	206670	17,00	E	51	474	161330	11,20	D	45
	SVK-25.80-D2-2,5	1688,9	279,3	636	196890	18,00	E	51	526	151770	11,40	D	45
	SVK-25.80-D3-2,5	1520,0	251,4	613	215490	16,50	D	51	522	169740	11,10	D	45
	SVK-25.80-D4-2,5	2026,7	335,2	697	207260	17,00	D	51	581	161910	11,30	D	45
	SVK-25.80-D5-2,5	1773,3	293,3	653	221690	16,00	D	51	561	176880	11,00	D	45
	SVK-25.80-D6-2,5	2364,4	391,0	744	214770	16,50	D	51	623	169050	11,20	D	45
2x6	SVK-26.80-D1-2,5	1520,0	251,4	670	248000	20,40	E	52	571	193600	13,44	D	46
	SVK-26.80-D2-2,5	2026,7	335,2	765	236270	21,60	E	52	635	182120	13,68	D	46
	SVK-26.80-D3-2,5	1824,0	301,6	726	258580	19,80	D	52	622	203690	13,32	D	46
	SVK-26.80-D4-2,5	2432,0	402,2	831	248710	20,40	D	52	696	194290	13,56	D	46
	SVK-26.80-D5-2,5	2128,0	351,9	767	266020	19,20	D	52	663	212260	13,20	D	46
	SVK-26.80-D6-2,5	2837,3	469,2	879	257730	19,80	D	52	740	202860	13,44	D	46
2x7	SVK-27.80-D1-2,5	1773,3	293,3	773	289330	23,80	E	53	661	225860	15,68	D	47
	SVK-27.80-D2-2,5	2364,4	391,0	886	275650	25,20	E	53	738	212480	15,96	D	47
	SVK-27.80-D3-2,5	2128,0	351,9	848	301680	23,10	D	53	719	237640	15,54	D	47
	SVK-27.80-D4-2,5	2837,3	469,2	963	290170	23,80	D	53	800	226670	15,82	D	47
	SVK-27.80-D5-2,5	2482,7	410,6	917	310360	22,40	D	53	782	247640	15,40	D	47
	SVK-27.80-D6-2,5	3310,2	547,4	1040	300680	23,10	D	53	866	236670	15,68	D	47
2x8	SVK-28.80-D1-2,5	2026,7	335,2	884	330660	27,20	E	53	747	258130	17,92	D	47
	SVK-28.80-D2-2,5	2702,2	446,9	1008	315020	28,80	E	53	830	242830	18,24	D	47
	SVK-28.80-D3-2,5	2432,0	402,2	978	344780	26,40	D	53	830	271590	17,76	D	47
	SVK-28.80-D4-2,5	3242,7	536,3	1110	331620	27,20	D	53	923	259050	18,08	D	47
	SVK-28.80-D5-2,5	2837,3	469,2	1052	354700	25,60	D	53	899	283010	17,60	D	47
	SVK-28.80-D6-2,5	3783,1	625,6	1194	343630	26,40	D	53	996	270480	17,92	D	47

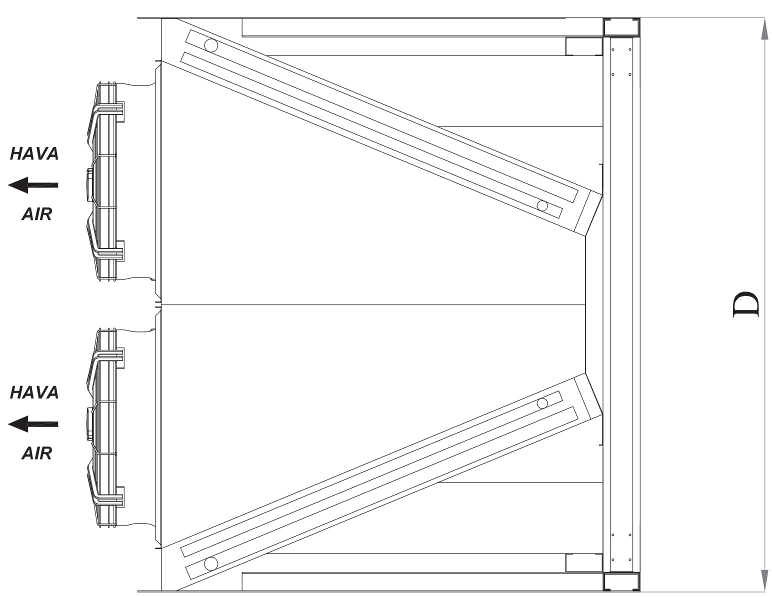
SVK .... Q
3~ 400V - Δ 50Hz 435 rpm

Ölçüler / Measures

MODEL	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ölçüler Dimensions L	H	H1	D	B1	B2	B3	Bağlantılar Connections Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-12.80-B1-2,5	68	20930	0,62	B	26	2400	1693	1410	1385	1075	-	925	2x35	2x28
SVK-12.80-B2-2,5	77	20140	0,66	B	26	2400	1693	1410	1385	1075	-	925	2x35	2x28
SVK-12.80-B3-2,5	74	21670	0,62	B	26	2800	1693	1410	1385	1275	-	1125	2x35	2x28
SVK-12.80-B4-2,5	82	20980	0,66	B	26	2800	1693	1410	1385	1275	-	1125	2x35	2x28
SVK-12.80-B5-2,5	77	22170	0,62	B	26	3200	1693	1410	1385	1475	-	1325	2x35	2x28
SVK-12.80-B6-2,5	84	21620	0,66	B	26	3200	1693	1410	1385	1475	-	1325	2x35	2x28
SVK-13.80-B1-2,5	102	31390	0,93	B	28	3400	1693	1410	1385	1075	1000	925	2x35	2x28
SVK-13.80-B2-2,5	113	30210	0,99	B	28	3400	1693	1410	1385	1075	1000	925	2x42	2x35
SVK-13.80-B3-2,5	111	32510	0,93	B	28	4000	1693	1410	1385	1275	1200	1125	2x42	2x35
SVK-13.80-B4-2,5	122	31470	0,99	B	28	4000	1693	1410	1385	1275	1200	1125	2x42	2x35
SVK-13.80-B5-2,5	118	33250	0,93	B	28	4600	1693	1410	1385	1475	1400	1325	2x42	2x35
SVK-13.80-B6-2,5	130	32430	0,99	B	28	4600	1693	1410	1385	1475	1400	1325	2x42	2x35
SVK-14.80-D1-2,5	143	40970	1,24	B	29	4400	1598	1315	1350	1075	1000	925	2x42	2x35
SVK-14.80-D2-2,5	154	39080	1,32	B	29	4400	1598	1315	1350	1075	1000	925	2x42	2x35
SVK-14.80-D3-2,5	156	42650	1,24	B	29	5200	1598	1315	1350	1275	1200	1125	2x42	2x35
SVK-14.80-D4-2,5	168	41070	1,32	B	29	5200	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-14.80-D5-2,5	165	43740	1,24	B	29	6000	1598	1315	1350	1475	1400	1325	2x42	2x35
SVK-14.80-D6-2,5	178	42450	1,32	B	29	6000	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-15.80-D1-2,5	182	51210	1,55	B	30	5400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-15.80-D2-2,5	196	48860	1,65	B	30	5400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-15.80-D3-2,5	197	53310	1,55	B	30	6400	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-15.80-D4-2,5	212	51330	1,65	B	30	6400	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-15.80-D5-2,5	208	54680	1,55	B	30	7400	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-15.80-D6-2,5	224	53070	1,65	B	30	7400	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-16.80-D1-2,5	220	61450	1,86	B	31	6400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-16.80-D2-2,5	237	58630	1,98	B	31	6400	1598	1315	1350	1075	1000	925	2x54	2x42
SVK-16.80-D3-2,5	237	63980	1,86	B	31	7600	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-16.80-D4-2,5	237	58630	1,98	B	31	7600	1598	1315	1350	1275	1200	1125	2x54	2x42
SVK-16.80-D5-2,5	250	65610	1,86	B	31	8800	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-16.80-D6-2,5	269	63680	1,98	B	31	8800	1598	1315	1350	1475	1400	1325	2x54	2x42
SVK-22.80-B1-2,5	120	38890	1,24	C	29	2400	2207	1924	2310	1075	-	925	2x42	2x35
SVK-22.80-B2-2,5	134	36610	1,32	C	29	2400	2207	1924	2310	1075	-	925	2x42	2x35
SVK-22.80-B3-2,5	132	40870	1,24	C	29	2800	2207	1924	2310	1275	-	1125	2x42	2x35
SVK-22.80-B4-2,5	146	38990	1,32	B	29	2800	2207	1924	2310	1275	-	1125	2x42	2x35
SVK-22.80-B5-2,5	142	42260	1,24	B	29	3200	2207	1924	2310	1475	-	1325	2x42	2x35
SVK-22.80-B6-2,5	156	40670	1,32	B	29	3200	2207	1924	2310	1475	-	1325	2x42	2x35
SVK-23.80-B1-2,5	180	58330	1,86	C	31	3400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-23.80-B2-2,5	198	54910	1,98	C	31	3400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-23.80-B3-2,5	199	61300	1,86	C	31	4000	2207	1924	2310	1275	1200	1125	2x54	2x42
SVK-23.80-B4-2,5	218	58480	1,98	B	31	4000	2207	1924	2310	1275	1200	1125	2x54	2x42
SVK-23.80-B5-2,5	213	63380	1,86	B	31	4600	2207	1924	2310	1475	1400	1325	2x54	2x42
SVK-23.80-B6-2,5	236	61000	1,98	B	31	4600	2207	1924	2310	1475	1400	1325	2x54	2x42
SVK-24.80-D1-2,5	255	76190	2,48	C	32	4400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-24.80-D2-2,5	274	71630	2,64	C	32	4400	2207	1924	2310	1075	1000	925	2x54	2x42
SVK-24.80-D3-2,5	282	80550	2,48	B	32	5200	2207	1924	2310	1275	1200	1125	2x54	2x42
SVK-24.80-D4-2,5	304	76580	2,64	B	32	5200	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-24.80-D5-2,5	303	83520	2,48	B	32	6000	2207	1924	2310	1475	1400	1325	2x54	2x42
SVK-24.80-D6-2,5	326	80150	2,64	B	32	6000	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-25.80-D1-2,5	324	95230	3,10	C	33	5400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-25.80-D2-2,5	348	89540	3,30	C	33	5400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-25.80-D3-2,5	356	100680	3,10	B	33	6400	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-25.80-D4-2,5	383	95730	3,30	B	33	6400	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-25.80-D5-2,5	381	104400	3,10	B	33	7400	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-25.80-D6-2,5	410	100190	3,30	B	33	7400	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-26.80-D1-2,5	392	114280	3,72	C	34	6400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-26.80-D2-2,5	421	107440	3,96	C	34	6400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-26.80-D3-2,5	428	120820	3,72	B	34	7600	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-26.80-D4-2,5	461	114880	3,96	B	34	7600	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-26.80-D5-2,5	455	125280	3,72	B	34	8800	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-26.80-D6-2,5	491	120230	3,96	B	34	8800	2207	1924	2310	1475	1400	1325	2x66	2x54
SVK-27.80-D1-2,5	458	133330	4,34	C	35	7400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-27.80-D2-2,5	493	125350	4,62	C	35	7400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-27.80-D3-2,5	489	140960	4,34	B	35	8800	2207	1924	2310	1275	1200	1125	2x66	2x54
SVK-27.80-D4-2,5	526	134020	4,62	B	35	8800	2207	1924	2310	1275	1200	1125	2x80	2x66
SVK-27.80-D5-2,5	526	146160	4,34	B	35	10200	2207	1924	2310	1475	1400	1325	2x80	2x66
SVK-27.80-D6-2,5	567	140260	4,62	B	35	10200	2207	1924	2310	1475	1400	1325	2x80	2x66
SVK-28.80-D1-2,5	510	152380	4,96	C	35	8400	2207	1924	2310	1075	1000	925	2x66	2x54
SVK-28.80-D2-2,5	549	143260	5,28	C	35	8400	2207	1924	2310	1075	1000	925	2x80	2x66
SVK-28.80-D3-2,5	564	161090	4,96	B	35	10000	2207	1924	2310	1275	1200	1125	2x80	2x66
SVK-28.80-D4-2,5	607	153170	5,28	B	35	10000	2207	1924	2310	1275	1200	1125	2x80	2x66
SVK-28.80-D5-2,5	606	167040	4,96	B	35	11600	2207	1924	2310	1475	1400	1325	2x80	2x66
SVK-28.80-D6-2,5	652	160300	5,28	B	35	11600	2207	1924	2310	1475	1400	1325	2x80	2x66

Teknik Çizim / Technical Drawing





Genel Özellikler / Specifications

Batarya
- Bakır borular Ø3/8", Ø1/2",
- Fin malzemesi alüminyumdur,
- Lamel arası 2,1 - 2,5 mm'dir,
- Giriş – çıkış kolektör malzemesi bakırdır,
- İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
- Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
- Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
- Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
- Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
- Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
- Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
- Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
- Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
- Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
- Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
- Çift akışkan devreli imalat,
- Farklı dış kabin rengi,
- Trifaze 400V 3~50/60 Hz Fan,
- Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
- Montaj, bakım, taşıma ve kaldırma detayları için kullanım kılavuzuna başvurunuz.

Aksesuarlar
- Pako şalter,

Coil
- Copper tubes Ø3/8", Ø1/2",
- Fins made of aluminium,
- Fin spacing is 2,1 - 2,5 mm,
- Header inlet and outlet tube connections made of copper,
- Highest permissible working pressure Ps=32 Bar.

Casing
- Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
- Low-noise axial fans with maintenance free motors,
- Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -40°C up to +60/+65°C,
- Maximum start up recommended for motors is 6 per hour,
- Condensers are designed for outdoor operation with no external pressure drops being considered,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
- The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
- Capacities are calculated for difference noise levels

Options
- Two refrigerant circuit,
- Different casing color,
- Three phase 400V 3~50/60 Hz fans
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
- Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
- Cam switch,

SVK-C V Type Chassis Condenser

SVK-C V Tip Şaseli Kondenser

SVK-C Series

SARBUZ SVK-C Serisi V Tip Şaseli Kondenserler, orta ve büyük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SVK-C Series V Type Chassis Condensers are designed for middle and high capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama
Product Classification

SVK-C-23.80-B4-2,5-N

V tip şaseli kondenser
V type chassis condenser — **SVK-C-**

Fan dizilimi 2 x 3
2 Rows, 3 fans per row — **23.**

Fan çapı
Fan diameter — **80-**

Batarya kodu
Coil code — **B4-**

Hatve (2,1 mm - 2,5 mm)
Fin Spacing (2,1 mm - 2,5 mm) — **2,5-**

Normal ses seviyesi
Normal noise level — **N**

Düşük ses seviyesi
Low noise level — **L**

Çok düşük ses seviyesi
Quiet noise level — **Q**

SVK-C V Tip Şaseli Kondenser / SVK-C V Type Chassis Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø500 mm

				SVK-C .... N 1~ 230V 50Hz 1400 rpm					SVK-C .... L 3~ 400V - Δ 50Hz 930 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Boru Hacmi Tube Volume	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption Pel Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption Pel Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	Watt	m³/h	Watt	A+ - E	dB(A)	Watt	m³/h	Watt	A+ - E	dB(A)
1x2	SVK-C-12.50-B1-2,1	136,0	19,6	55	17870	1,22	D	44	40	11670	0,40	C	35
	SVK-C-12.50-B2-2,1	181,3	26,1	62	17330	1,26	D	44	44	11340	0,42	C	35
1x3	SVK-C-13.50-B1-2,1	203,9	29,3	84	26810	1,83	D	46	61	17510	0,60	C	37
	SVK-C-13.50-B2-2,1	271,9	39,1	94	25990	1,90	D	46	67	17010	0,63	C	37
1x4	SVK-C-14.50-B1-2,1	271,9	39,1	110	35740	2,44	D	47	80	23350	0,80	C	38
	SVK-C-14.50-B2-2,1	362,6	52,2	124	34650	2,53	D	47	88	22680	0,84	C	38
2x2	SVK-C-22.50-B1-2,1	170,0	24,5	86	32090	2,44	E	47	64	21030	0,80	D	38
	SVK-C-22.50-B2-2,1	226,6	32,6	99	30150	2,53	D	47	72	19660	0,84	C	38
2x3	SVK-C-23.50-B1-2,1	254,9	36,7	130	48130	3,66	E	49	96	31550	1,20	C	40
	SVK-C-23.50-B2-2,1	339,9	48,9	145	45230	3,79	D	49	105	29500	1,26	C	40
2x4	SVK-C-24.50-B1-2,1	339,9	48,9	178	64180	4,88	E	50	132	42070	1,60	C	41
	SVK-C-24.50-B2-2,1	453,2	65,2	199	60300	5,06	D	50	143	39330	1,68	C	41

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø500 mm

				SVK .... N 1~ 230V 50Hz 1400 rpm					SVK .... L 3~ 400V - Δ 50Hz 930 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Boru Hacmi Tube Volume	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption Pel Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption Pel Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	Watt	m³/h	Watt	A+ - E	dB(A)	Watt	m³/h	Watt	A+ - E	dB(A)
1x2	SVK-C-12.50-B1-2,5	115,7	19,6	51	18040	1,22	D	44	37	11770	0,40	C	35
	SVK-C-12.50-B2-2,5	154,2	26,1	58	17540	1,26	D	44	42	11480	0,42	C	35
1x3	SVK-C-13.50-B1-2,5	173,5	29,3	77	27070	1,83	D	46	56	17650	0,60	C	37
	SVK-C-13.50-B2-2,5	231,3	39,1	89	26320	1,90	D	46	64	17230	0,63	C	37
1x4	SVK-C-14.50-B1-2,5	231,3	39,1	102	36090	2,44	D	47	75	23530	0,80	C	38
	SVK-C-14.50-B2-2,5	308,4	52,2	117	35090	2,53	D	47	84	22970	0,84	C	38
2x2	SVK-C-22.50-B1-2,5	144,6	24,5	80	32710	2,44	E	47	60	21460	0,80	D	38
	SVK-C-22.50-B2-2,5	192,8	32,6	94	30900	2,53	D	47	68	20140	0,84	C	38
2x3	SVK-C-23.50-B1-2,5	216,9	36,7	120	49070	3,66	E	49	89	32190	1,20	C	40
	SVK-C-23.50-B2-2,5	289,2	48,9	137	46350	3,79	E	49	100	30200	1,26	C	40
2x4	SVK-C-24.50-B1-2,5	289,2	48,9	164	65430	4,88	E	50	123	42920	1,60	C	41
	SVK-C-24.50-B2-2,5	385,5	65,2	188	61800	5,06	D	50	137	40270	1,68	C	41

Ölçüler / Measures

SVK .... Q
3~ 400V - Y 50Hz 800 rpm

MODEL	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ölçüler Dimensions L	H	H1	H2	D	C	Bağlantılar Connections Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-C-12.50-B1-2,1	-	-	-	-	-	2350	1965	1965	840	1200	750	2x22	2x19
SVK-C-12.50-B2-2,1	-	-	-	-	-	2350	1965	1965	840	1200	750	2x28	2x22
SVK-C-13.50-B1-2,1	-	-	-	-	-	3100	1965	1965	840	1200	750	2x28	2x22
SVK-C-13.50-B2-2,1	-	-	-	-	-	3100	1965	1965	840	1200	750	2x28	2x22
SVK-C-14.50-B1-2,1	-	-	-	-	-	3850	1965	1965	840	1200	750	2x35	2x28
SVK-C-14.50-B2-2,1	-	-	-	-	-	3850	1965	1965	840	1200	750	2x35	2x28
SVK-C-22.50-B1-2,1	-	-	-	-	-	2350	2145	2145	840	1490	750	2x28	2x22
SVK-C-22.50-B2-2,1	-	-	-	-	-	2350	2145	2145	840	1490	750	2x28	2x22
SVK-C-23.50-B1-2,1	-	-	-	-	-	3100	2145	2145	840	1490	750	2x35	2x28
SVK-C-23.50-B2-2,1	-	-	-	-	-	3100	2145	2145	840	1490	750	2x35	2x28
SVK-C-24.50-B1-2,1	-	-	-	-	-	3850	2145	2145	840	1490	750	2x35	2x28
SVK-C-24.50-B2-2,1	-	-	-	-	-	3850	2145	2145	840	1490	750	2x42	2x35

SVK .... Q
3~ 400V - Y 50Hz 800 rpm

MODEL	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Ölçüler Dimensions L	H	H1	H2	D	C	Bağlantılar Connections Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-C-12.50-B1-2,5	-	-	-	-	-	2350	1965	1965	840	1200	750	2x22	2x19
SVK-C-12.50-B2-2,5	-	-	-	-	-	2350	1965	1965	840	1200	750	2x28	2x22
SVK-C-13.50-B1-2,5	-	-	-	-	-	3100	1965	1965	840	1200	750	2x28	2x22
SVK-C-13.50-B2-2,5	-	-	-	-	-	3100	1965	1965	840	1200	750	2x28	2x22
SVK-C-14.50-B1-2,5	-	-	-	-	-	3850	1965	1965	840	1200	750	2x35	2x28
SVK-C-14.50-B2-2,5	-	-	-	-	-	3850	1965	1965	840	1200	750	2x35	2x28
SVK-C-22.50-B1-2,5	-	-	-	-	-	2350	2145	2145	840	1490	750	2x28	2x22
SVK-C-22.50-B2-2,5	-	-	-	-	-	2350	2145	2145	840	1490	750	2x28	2x22
SVK-C-23.50-B1-2,5	-	-	-	-	-	3100	2145	2145	840	1490	750	2x35	2x28
SVK-C-23.50-B2-2,5	-	-	-	-	-	3100	2145	2145	840	1490	750	2x35	2x28
SVK-C-24.50-B1-2,5	-	-	-	-	-	3850	2145	2145	840	1490	750	2x35	2x28
SVK-C-24.50-B2-2,5	-	-	-	-	-	3850	2145	2145	840	1490	750	2x42	2x35

SVK-C V Tip Şaseli Kondenser / SVK-C V Type Chassis Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing 2,1 mm

FAN: Ø800 mm

	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Boru Hacmi / Tube Volume	SVK-C .... N 3~ 400V - Δ 50Hz 880 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	SVK-C .... L 3~ 400V - Y 50Hz 670 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	l	Watt	m³/h	Watt	A+ - E	dB(A)	Watt	m³/h	Watt	A+ - E	dB(A)
	SVK-C-12.80-B1-2,1	271,9	39,1	128	43930	3,40	D	44	108	34780	2,24	D	38
	SVK-C-12.80-B2-2,1	362,6	52,2	146	42430	3,60	D	44	122	33350	2,28	D	38
1x2	SVK-C-12.80-B3-2,1	326,3	47,0	139	45270	3,30	D	44	119	36480	2,22	D	38
	SVK-C-12.80-B4-2,1	435,1	62,6	157	44030	3,40	D	44	131	34870	2,26	D	38
	SVK-C-12.80-B5-2,1	380,7	54,8	145	46200	3,20	D	44	123	37360	2,20	D	38
	SVK-C-12.80-B6-2,1	507,6	73,0	163	45150	3,30	D	44	137	36340	2,24	D	38
	SVK-C-13.80-B1-2,1	407,9	58,7	192	65900	5,10	D	46	162	52170	3,36	D	40
	SVK-C-13.80-B2-2,1	543,8	78,3	217	63640	5,40	D	46	180	50020	3,42	D	40
1x3	SVK-C-13.80-B3-2,1	489,5	70,4	208	67900	4,95	D	46	178	54720	3,33	D	40
	SVK-C-13.80-B4-2,1	652,6	93,9	235	66040	5,10	D	46	196	52300	3,39	D	40
	SVK-C-13.80-B5-2,1	571,0	82,2	222	69300	4,80	D	46	189	56040	3,30	D	40
	SVK-C-13.80-B6-2,1	761,4	109,6	249	67720	4,95	D	46	210	54520	3,36	D	40
	SVK-C-22.80-B1-2,1	271,9	39,1	178	71990	6,80	D	47	147	53980	4,48	E	41
	SVK-C-22.80-B2-2,1	362,6	52,2	199	65640	7,20	D	47	160	48540	4,56	E	41
2x2	SVK-C-22.80-B3-2,1	326,3	47,0	195	77180	6,60	D	47	163	59330	4,44	D	41
	SVK-C-22.80-B4-2,1	435,1	62,6	221	72370	6,80	D	47	179	54440	4,52	D	41
	SVK-C-22.80-B5-2,1	380,7	54,8	215	81090	6,40	D	47	181	62920	4,40	D	41
	SVK-C-22.80-B6-2,1	507,6	73,0	244	76710	6,60	D	48	200	58960	4,48	D	41
	SVK-C-23.80-B1-2,1	407,9	58,7	268	107980	10,20	D	48	221	80970	6,72	E	43
	SVK-C-23.80-B2-2,1	543,8	78,3	299	98460	10,80	D	48	240	72820	6,84	E	43
2x3	SVK-C-23.80-B3-2,1	489,5	70,4	300	115770	9,90	D	48	252	88990	6,66	D	43
	SVK-C-23.80-B4-2,1	652,6	93,9	340	108550	10,20	D	48	277	81660	6,78	D	43
	SVK-C-23.80-B5-2,1	571,0	82,2	326	121640	9,60	D	48	275	94380	6,60	D	43
	SVK-C-23.80-B6-2,1	761,4	109,6	370	115060	9,90	D	49	306	88440	6,72	D	43

Lamel Aralığı / Fin Spacing 2,5 mm

FAN: Ø800 mm

	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Boru Hacmi / Tube Volume	SVK-C .... N 3~ 400V - Δ 50Hz 880 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	SVK-C .... L 3~ 400V - Y 50Hz 670 rpm Kapasite / Capacity Δt=15K	Hava Debisi / Air Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Energy Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	l	Watt	m³/h	Watt	A+ - E	dB(A)	Watt	m³/h	Watt	A+ - E	dB(A)
	SVK-C-12.80-B1-2,5	231,3	39,1	118	44430	3,40	E	44	101	35470	2,24	D	38
	SVK-C-12.80-B2-2,5	308,4	52,2	138	43030	3,60	D	44	115	33900	2,28	D	38
1x2	SVK-C-12.80-B3-2,5	277,6	47,0	128	45670	3,30	D	44	110	36850	2,22	D	38
	SVK-C-12.80-B4-2,5	370,1	62,6	148	44500	3,40	D	44	124	35560	2,26	D	38
	SVK-C-12.80-B5-2,5	323,8	54,8	134	46530	3,20	D	44	115	37680	2,20	D	38
	SVK-C-12.80-B6-2,5	431,8	73,0	153	45580	3,30	D	44	130	36760	2,24	D	38
	SVK-C-13.80-B1-2,5	347,0	58,7	177	66650	5,10	E	46	151	53200	3,36	D	40
	SVK-C-13.80-B2-2,5	462,6	78,3	204	64540	5,40	D	46	170	50850	3,42	D	40
1x3	SVK-C-13.80-B3-2,5	416,4	70,4	193	68510	4,95	D	46	165	55280	3,33	D	40
	SVK-C-13.80-B4-2,5	555,2	93,9	221	66760	5,10	D	46	187	53340	3,39	D	40
	SVK-C-13.80-B5-2,5	485,8	82,2	205	69800	4,80	D	46	176	56520	3,30	D	40
	SVK-C-13.80-B6-2,5	647,7	109,6	235	68370	4,95	D	46	199	55140	3,36	D	40
	SVK-C-22.80-B1-2,5	231,3	39,1	164	73800	6,80	E	47	138	56010	4,48	E	41
	SVK-C-22.80-B2-2,5	308,4	52,2	188	67980	7,20	E	47	153	50570	4,56	E	41
2x2	SVK-C-22.80-B3-2,5	277,6	47,0	179	78900	6,60	E	47	151	60850	4,44	E	41
	SVK-C-22.80-B4-2,5	370,1	62,6	207	74180	6,80	E	47	170	56470	4,52	D	41
	SVK-C-22.80-B5-2,5	323,8	54,8	198	82430	6,40	E	47	168	64300	4,40	D	41
	SVK-C-22.80-B6-2,5	431,8	73,0	229	78470	6,60	E	48	189	60430	4,48	D	41
	SVK-C-23.80-B1-2,5	347,0	58,7	247	110700	10,20	E	48	206	84010	6,72	E	43
	SVK-C-23.80-B2-2,5	462,6	78,3	281	101970	10,80	E	48	229	75860	6,84	E	43
2x3	SVK-C-23.80-B3-2,5	416,4	70,4	277	118350	9,90	E	48	234	91270	6,66	E	43
	SVK-C-23.80-B4-2,5	555,2	93,9	319	111270	10,20	E	48	264	84700	6,78	D	43
	SVK-C-23.80-B5-2,5	485,8	82,2	301	123640	9,60	E	48	256	96450	6,60	D	43
	SVK-C-23.80-B6-2,5	647,7	109,6	349	117710	9,90	E	49	290	90650	6,72	D	43

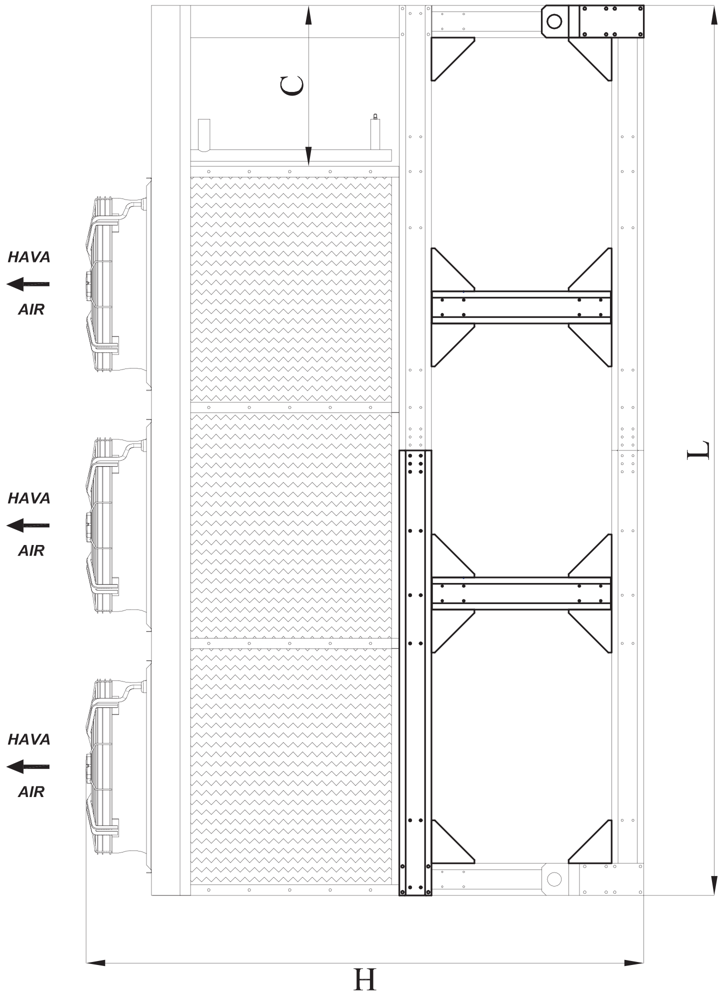
SVK .... Q
3~ 400V - Δ 50Hz 435 rpm

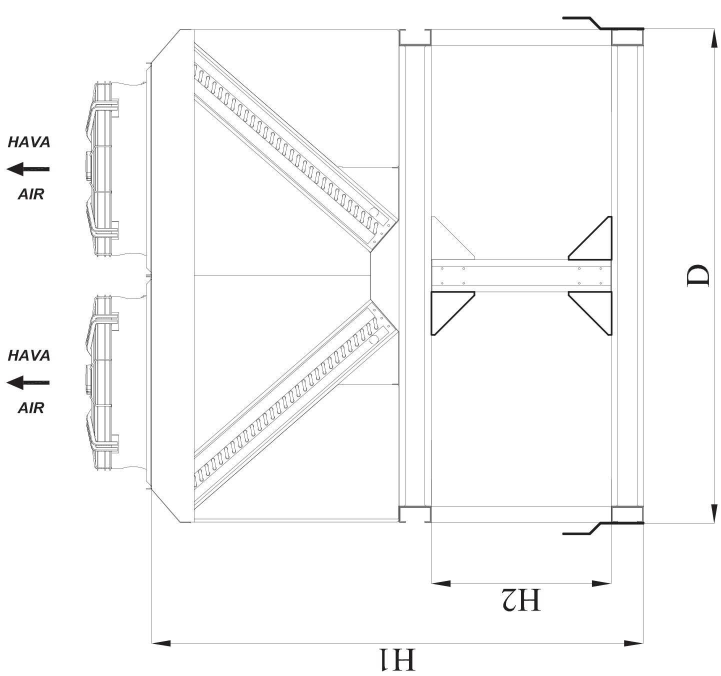
MODEL	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	Ölçüler Dimensions						Bağlantılar Connections	
	Δt=15K		P_{el} Total		10 m	L	H	H1	H2	D	C	Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-C-12.80-B1-2,1	73	20630	0,62	B	26	2850	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B2-2,1	80	19740	0,66	B	26	2850	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B3-2,1	79	21420	0,62	B	26	3250	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B4-2,1	85	20730	0,66	B	26	3250	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B5-2,1	81	22020	0,62	B	26	3650	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B6-2,1	88	21380	0,66	B	26	3650	2340	2340	840	1690	750	2x35	2x28
SVK-C-13.80-B1-2,1	109	30950	0,93	B	28	3850	2340	2340	840	1690	750	2x35	2x28
SVK-C-13.80-B2-2,1	118	29610	0,99	B	28	3850	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B3-2,1	118	32140	0,93	B	28	4450	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B4-2,1	127	31100	0,99	B	28	4450	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B5-2,1	125	33030	0,93	B	28	5050	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B6-2,1	135	32060	0,99	B	28	5050	2340	2340	840	1690	750	2x42	2x35
SVK-C-22.80-B1-2,1	101	31750	1,24	C	29	2850	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B2-2,1	107	28680	1,32	C	29	2850	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B3-2,1	111	34920	1,24	C	29	3250	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B4-2,1	118	32050	1,32	C	29	3250	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B5-2,1	123	37100	1,24	C	29	3650	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B6-2,1	132	34730	1,32	C	29	3650	2340	2340	840	2300	750	2x42	2x35
SVK-C-23.80-B1-2,1	152	47630	1,86	C	31	3850	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B2-2,1	160	43020	1,98	C	31	3850	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B3-2,1	172	52380	1,86	C	31	4450	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B4-2,1	183	48070	1,98	C	31	4450	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B5-2,1	188	55650	1,86	C	31	5050	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B6-2,1	202	52090	1,98	C	31	5050	2340	2340	840	2300	750	2x54	2x42

SVK .... Q
3~ 400V - Δ 50Hz 435 rpm

MODEL	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level	Ölçüler Dimensions						Bağlantılar Connections	
	Δt=15K		P_{el} Total		10 m	L	H	H1	H2	D	C	Giriş Inlet	Çıkış Outlet
	Watt	m³/h	Watt	A-E	dB(A)	mm	mm	mm	mm	mm	mm	mmØ	mmØ
SVK-C-12.80-B1-2,5	68	20930	0,62	B	26	2850	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B2-2,5	77	20140	0,66	B	26	2850	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B3-2,5	74	21670	0,62	B	26	3250	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B4-2,5	82	20980	0,66	B	26	3250	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B5-2,5	77	22170	0,62	B	26	3650	2340	2340	840	1690	750	2x35	2x28
SVK-C-12.80-B6-2,5	84	21620	0,66	B	26	3650	2340	2340	840	1690	750	2x35	2x28
SVK-C-13.80-B1-2,5	102	31390	0,93	B	28	3850	2340	2340	840	1690	750	2x35	2x28
SVK-C-13.80-B2-2,5	113	30210	0,99	B	28	3850	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B3-2,5	111	32510	0,93	B	28	4450	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B4-2,5	122	31470	0,99	B	28	4450	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B5-2,5	118	33250	0,93	B	28	5050	2340	2340	840	1690	750	2x42	2x35
SVK-C-13.80-B6-2,5	130	32430	0,99	B	28	5050	2340	2340	840	1690	750	2x42	2x35
SVK-C-22.80-B1-2,5	95	32940	1,24	C	29	2850	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B2-2,5	103	29770	1,32	C	29	2850	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B3-2,5	105	35910	1,24	C	29	3250	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B4-2,5	114	33140	1,32	C	29	3250	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B5-2,5	115	37990	1,24	C	29	3650	2340	2340	840	2300	750	2x42	2x35
SVK-C-22.80-B6-2,5	127	35720	1,32	C	29	3650	2340	2340	840	2300	750	2x42	2x35
SVK-C-23.80-B1-2,5	143	49410	1,86	C	31	3850	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B2-2,5	154	44660	1,98	C	31	3850	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B3-2,5	162	53870	1,86	C	31	4450	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B4-2,5	177	49710	1,98	C	31	4450	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B5-2,5	178	56990	1,86	C	31	5050	2340	2340	840	2300	750	2x54	2x42
SVK-C-23.80-B6-2,5	195	53570	1,98	C	31	5050	2340	2340	840	2300	750	2x54	2x42

Teknik Çizim / Technical Drawing





Genel Özellikler / Specifications

Batarya
- Bakır borular Ø3/8", Ø1/2",
- Fin malzemesi alüminyumdur,
- Lamel arası 2,1 - 2,5 mm'dir,
- Giriş – çıkış kolektör malzemesi bakırdır,
- İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
- Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
- Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
- Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
- Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
- Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
- Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
- Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
- Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
- Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
- Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
- Çift akışkan devreli imalat,
- Farklı dış kabin rengi,
- Trifaze 400V 3~50/60 Hz Fan,
- Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
- Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
- Pako şalter,

Coil
- Copper tubes Ø3/8", Ø1/2",
- Fins made of aluminium,
- Fin spacing is 2,1 - 2,5 mm,
- Header inlet and outlet tube connections made of copper,
- Highest permissible working pressure Ps=32 Bar.

Casing
- Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
- Low-noise axial fans with maintenance free motors,
- Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
- Constructions insulation material class F/B, admissible temperature -40°C up to +60/+65°C,
- Maximum start up recommended for motors is 6 per hour,
- Condensers are designed for outdoor operation with no external pressure drops being considered,
- In case of long periods of non operation the motors must be operated every month for 2 hours,
- The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
- The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
- Capacities are calculated for difference noise levels

Options
- Two refrigerant circuit,
- Different casing color,
- Three phase 400V 3~50/60 Hz fans
- Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
- Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
- Repair Switch,

SVK-C

SMK-C Modular Type Chassis Condenser

SMK-C Modüler Tip Şaseli Kondenser

SMK-C Series

SARBUZ SMK-C Serisi Modüler Tip Şaseli Kondenserler, orta ve büyük kapasiteli soğutma sistemleri için enerji, ses seviyesi, ilk yatırım maliyeti ve işletme giderleri dikkate alınarak hesaplanmıştır.

SARBUZ SMK-C Series Modular Type Chassis Condensers are designed for middle and high capacity cooling systems according to energy consumption, sound pressure level, investment and operating costs.

Ürün Kodlama

Product Classification

SMK-C-32.80-C2-2,5-N

Şaseli endüstriyel kondenser Chassis industrial condenser	SMK-C-
Fan dizilimi 3 x 2 3 Rows, 2 fans per row	32.
Fan çapı Fan diameter	80-
Batarya kodu Coil code	C2-
Hatve (2,1 mm - 2,5 mm) Fin Spacing (2,1 mm - 2,5 mm)	2,5-
Normal ses seviyesi Normal noise level	N
Düşük ses seviyesi Low noise level	L
Çok düşük ses seviyesi Quiet noise level	Q
Son derece düşük ses seviyesi Extremely quiet noise level	E

SMK-C

SMK-C Modüler Tip Şaseli Kondenser / SMK-C Modular Type Chassis Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø800 mm				SMK-C .... N 3~ 400V - Δ 50Hz 880 rpm					SMK-C................ L 3~ 400V - Y 50Hz 670 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
	SMK-C-12.80-C1-2,1	307,6	26,1	121	43570	3,4	E	44	104	34460	2,24	D	38
1x2	SMK-C-12.80-C2-2,1	409,9	34,2	138	42050	3,6	D	44	116	32930	2,28	D	38
	SMK-C-12.80-C3-2,1	365,3	31,0	131	44910	3,3	D	44	113	36110	2,22	D	38
	SMK-C-12.80-C4-2,1	486,8	40,8	149	43600	3,4	D	44	125	34460	2,26	D	38
	SMK-C-22.80-C1-2,1	615,3	52,2	242	87150	6,8	E	47	207	68910	4,48	D	41
2x2	SMK-C-22.80-C2-2,1	819,8	68,5	276	84100	7,2	D	47	231	65870	4,56	D	41
	SMK-C-22.80-C3-2,1	730,6	62,0	262	89820	6,6	D	47	226	72230	4,44	D	41
	SMK-C-22.80-C4-2,1	973,6	81,5	297	87200	6,8	D	47	250	68910	4,52	D	41
	SMK-C-32.80-C1-2,1	922,9	78,3	363	130720	10,2	E	49	311	103370	6,72	D	43
3x2	SMK-C-32.80-C2-2,1	1229,8	102,7	414	126140	10,8	D	49	347	98800	6,84	D	43
	SMK-C-32.80-C3-2,1	1095,9	92,9	393	134730	9,9	D	49	339	108340	6,66	D	43
	SMK-C-32.80-C4-2,1	1460,5	122,3	446	130790	10,2	D	49	375	103370	6,78	D	43
	SMK-C-42.80-C1-2,1	1230,5	104,3	483	174300	13,6	E	50	414	137820	8,96	D	44
4x2	SMK-C-42.80-C2-2,1	1639,7	136,9	551	168190	14,4	D	50	462	131740	9,12	D	44
	SMK-C-42.80-C3-2,1	1461,2	123,9	524	179640	13,2	D	50	452	144460	8,88	D	44
	SMK-C-42.80-C4-2,1	1947,3	163,0	595	174390	13,6	D	50	499	137820	9,04	D	44
	SMK-C-52.80-C1-2,1	1538,2	130,4	604	217870	17,0	E	51	518	172280	11,20	D	45
5x2	SMK-C-52.80-C2-2,1	2049,6	171,2	689	210240	18,0	D	51	578	164670	11,40	D	45
	SMK-C-52.80-C3-2,1	1826,6	154,9	655	224550	16,5	D	51	565	180570	11,10	D	45
	SMK-C-52.80-C4-2,1	2434,1	203,8	743	217990	17,0	D	51	624	172280	11,30	D	45
	SMK-C-62.80-C1-2,1	1845,8	156,5	725	261450	20,4	E	52	622	206730	13,44	D	46
6x2	SMK-C-62.80-C2-2,1	2459,5	205,4	827	252290	21,6	D	52	694	197610	13,68	D	46
	SMK-C-62.80-C3-2,1	2191,9	185,9	785	269460	19,8	D	52	678	216680	13,32	D	46
	SMK-C-62.80-C4-2,1	2920,9	244,5	892	261590	20,4	D	52	749	206730	13,56	D	46
	SMK-C-72.80-C1-2,1	2153,4	182,6	846	305020	23,8	E	53	725	241190	15,68	D	47
7x2	SMK-C-72.80-C2-2,1	2869,4	239,7	965	294340	25,2	D	53	809	230540	15,96	D	47
	SMK-C-72.80-C3-2,1	2557,2	216,8	916	314370	23,1	D	53	790	252800	15,54	D	47
	SMK-C-72.80-C4-2,1	3407,7	285,3	1041	305190	23,8	D	53	874	241190	15,82	D	47
	SMK-C-82.80-C1-2,1	2461,0	208,7	967	348590	27,2	E	53	829	275640	17,92	D	47
8x2	SMK-C-82.80-C2-2,1	3279,4	273,9	1103	336390	28,8	D	53	925	263480	18,24	D	47
	SMK-C-82.80-C3-2,1	2922,5	247,8	1047	359270	26,4	D	53	903	288910	17,76	D	47
	SMK-C-82.80-C4-2,1	3894,6	326,1	1189	348780	27,2	D	53	999	275640	18,08	D	47
	SMK-C-92.80-C1-2,1	2768,7	234,8	1088	392170	30,6	E	54	932	310100	20,16	D	48
9x2	SMK-C-92.80-C2-2,1	3689,3	308,1	1241	378430	32,4	D	54	1040	296410	20,52	D	48
	SMK-C-92.80-C3-2,1	3287,8	278,8	1178	404180	29,7	D	54	1016	325020	19,98	D	48
	SMK-C-92.80-C4-2,1	4381,4	366,8	1338	392380	30,6	D	54	1124	310100	20,34	D	48
	SMK-C-102.80-C1-2,1	3076,3	260,8	1209	435740	34,0	E	54	1036	344550	22,40	D	48
10x2	SMK-C-102.80-C2-2,1	4099,2	342,4	1378	420480	36,0	D	54	1156	329350	22,80	D	48
	SMK-C-102.80-C3-2,1	3653,1	309,8	1309	449090	33,0	D	54	1129	361140	22,20	D	48
	SMK-C-102.80-C4-2,1	4868,2	407,6	1486	435980	34,0	D	54	1248	344550	22,60	D	48

Kapasite / Capacity

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SMK-C .... Q 3~ 400V - Y 50Hz 435 rpm					SMK-C .... E 3~ 400V - Y 50Hz 340 rpm				
			Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)
SMK-C-12.80-C1-2,1	307,6	26,1	72	20430	0,62	B	26	61	16530	0,36	A	20
SMK-C-12.80-C2-2,1	409,9	34,2	78	19490	0,66	B	26	-	-	-	-	-
SMK-C-12.80-C3-2,1	365,3	31,0	77	21230	0,62	B	26	66	17360	0,36	A	20
SMK-C-12.80-C4-2,1	486,8	40,8	83	20430	0,66	B	26	-	-	-	-	-
SMK-C-22.80-C1-2,1	615,3	52,2	144	40870	1,24	B	29	123	33050	0,72	A	23
SMK-C-22.80-C2-2,1	819,8	68,5	156	38990	1,32	B	29	-	-	-	-	-
SMK-C-22.80-C3-2,1	730,6	62,0	155	42450	1,24	B	29	132	34720	0,72	A	23
SMK-C-22.80-C4-2,1	973,6	81,5	167	40870	1,32	B	29	-	-	-	-	-
SMK-C-32.80-C1-2,1	922,9	78,3	216	61300	1,86	B	31	184	49580	1,08	A	25
SMK-C-32.80-C2-2,1	1229,8	102,7	233	58480	1,98	B	31	-	-	-	-	-
SMK-C-32.80-C3-2,1	1095,9	92,9	232	63680	1,86	B	31	198	52080	1,08	A	25
SMK-C-32.80-C4-2,1	1460,5	122,3	250	61300	1,98	B	31	-	-	-	-	-
SMK-C-42.80-C1-2,1	1230,5	104,3	288	81740	2,48	B	32	245	66100	1,44	A	26
SMK-C-42.80-C2-2,1	1639,7	136,9	311	77970	2,64	B	32	-	-	-	-	-
SMK-C-42.80-C3-2,1	1461,2	123,9	309	84910	2,48	B	32	265	69440	1,44	A	26
SMK-C-42.80-C4-2,1	1947,3	163,0	334	81740	2,64	B	32	-	-	-	-	-
SMK-C-52.80-C1-2,1	1538,2	130,4	360	102170	3,10	B	33	307	82630	1,80	A	27
SMK-C-52.80-C2-2,1	2049,6	171,2	389	97460	3,30	B	33	-	-	-	-	-
SMK-C-52.80-C3-2,1	1826,6	154,9	386	106130	3,10	B	33	331	86800	1,80	A	27
SMK-C-52.80-C4-2,1	2434,1	203,8	417	102170	3,30	B	33	-	-	-	-	-
SMK-C-62.80-C1-2,1	1845,8	156,5	432	122600	3,72	B	34	368	99160	2,16	A	28
SMK-C-62.80-C2-2,1	2459,5	205,4	467	116960	3,96	B	34	-	-	-	-	-
SMK-C-62.80-C3-2,1	2191,9	185,9	464	127360	3,72	B	34	397	104160	2,16	A	28
SMK-C-62.80-C4-2,1	2920,9	244,5	501	122600	3,96	B	34	-	-	-	-	-
SMK-C-72.80-C1-2,1	2153,4	182,6	504	143040	4,34	B	35	430	115680	2,52	A	29
SMK-C-72.80-C2-2,1	2869,4	239,7	545	136450	4,62	B	35	-	-	-	-	-
SMK-C-72.80-C3-2,1	2557,2	216,8	541	148590	4,34	B	35	463	121530	2,52	A	29
SMK-C-72.80-C4-2,1	3407,7	285,3	584	143040	4,62	B	35	-	-	-	-	-
SMK-C-82.80-C1-2,1	2461,0	208,7	577	163470	4,96	B	35	491	132210	2,88	A	29
SMK-C-82.80-C2-2,1	3279,4	273,9	622	155940	5,28	B	35	-	-	-	-	-
SMK-C-82.80-C3-2,1	2922,5	247,8	618	169810	4,96	B	35	529	138890	2,88	A	29
SMK-C-82.80-C4-2,1	3894,6	326,1	667	163470	5,28	B	35	-	-	-	-	-
SMK-C-92.80-C1-2,1	2768,7	234,8	649	183910	5,58	B	36	552	148730	3,24	A	30
SMK-C-92.80-C2-2,1	3689,3	308,1	700	175440	5,94	B	36	-	-	-	-	-
SMK-C-92.80-C3-2,1	3287,8	278,8	696	191040	5,58	B	36	595	156250	3,24	A	30
SMK-C-92.80-C4-2,1	4381,4	366,8	751	183910	5,94	B	36	-	-	-	-	-
SMK-C-102.80-C1-2,1	3076,3	260,8	721	204340	6,20	B	36	614	165260	3,60	A	30
SMK-C-102.80-C2-2,1	4099,2	342,4	778	194930	6,60	B	36	-	-	-	-	-
SMK-C-102.80-C3-2,1	3653,1	309,8	773	212270	6,20	B	36	661	173610	3,60	A	30
SMK-C-102.80-C4-2,1	4868,2	407,6	834	204340	6,60	B	36	-	-	-	-	-

SMK-C Modüler Tip Şaseli Kondenser / SMK-C Modular Type Chassis Condenser

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø800 mm				SMK .... N 3~ 400V - Δ 50Hz 880 rpm					SMK................. L 3~ 400V - Y 50Hz 670 rpm				
	Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Kapasite Capacity Δt=15K	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Energy Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	kW	m³/h	kW	A+ - E	dB(A)	kW	m³/h	kW	A+ - E	dB(A)
1x2	SMK-C-12.80-C1-2,5	260,3	26,1	111	44100	3,4	E	44	96	35010	2,24	D	38
	SMK-C-12.80-C2-2,5	346,9	34,2	129	42640	3,6	E	44	109	33530	2,28	D	38
	SMK-C-12.80-C3-2,5	309,2	31,0	131	45340	3,3	D	44	105	36530	2,22	D	38
	SMK-C-12.80-C4-2,5	412,0	40,8	139	44100	3,4	D	44	118	35010	2,26	D	38
2x2	SMK-C-22.80-C1-2,5	520,7	52,2	222	88200	6,8	E	47	192	70020	4,48	D	41
	SMK-C-22.80-C2-2,5	693,7	68,5	258	85290	7,2	E	47	218	67070	4,56	D	41
	SMK-C-22.80-C3-2,5	618,3	62,0	262	90680	6,6	D	47	209	73060	4,44	D	41
	SMK-C-22.80-C4-2,5	823,9	81,5	279	88200	6,8	D	47	236	70020	4,52	D	41
3x2	SMK-C-32.80-C1-2,5	781,0	78,3	334	132300	10,2	E	49	288	105020	6,72	D	43
	SMK-C-32.80-C2-2,5	1040,6	102,7	387	127930	10,8	E	49	328	100600	6,84	D	43
	SMK-C-32.80-C3-2,5	927,5	92,9	393	136020	9,9	D	49	314	109590	6,66	D	43
	SMK-C-32.80-C4-2,5	1235,9	122,3	418	132300	10,2	D	49	355	105020	6,78	D	43
4x2	SMK-C-42.80-C1-2,5	1041,4	104,3	445	176390	13,6	E	50	384	140030	8,96	D	44
	SMK-C-42.80-C2-2,5	1387,4	136,9	516	170580	14,4	E	50	437	134130	9,12	D	44
	SMK-C-42.80-C3-2,5	1236,6	123,9	524	181350	13,2	D	50	419	146110	8,88	D	44
	SMK-C-42.80-C4-2,5	1647,8	163,0	557	176390	13,6	D	50	473	140030	9,04	D	44
5x2	SMK-C-52.80-C1-2,5	1301,7	130,4	556	220490	17,0	E	51	480	175040	11,20	D	45
	SMK-C-52.80-C2-2,5	1734,3	171,2	645	213220	18,0	E	51	546	167670	11,40	D	45
	SMK-C-52.80-C3-2,5	1545,8	154,9	655	226690	16,5	D	51	524	182640	11,10	D	45
	SMK-C-52.80-C4-2,5	2059,8	203,8	697	220490	17,0	D	51	591	175040	11,30	D	45
6x2	SMK-C-62.80-C1-2,5	1562,0	156,5	667	264590	20,4	E	52	576	210050	13,44	D	46
	SMK-C-62.80-C2-2,5	2081,2	205,4	774	255870	21,6	E	52	655	201200	13,68	D	46
	SMK-C-62.80-C3-2,5	1854,9	185,9	785	272030	19,8	D	52	628	219170	13,32	D	46
	SMK-C-62.80-C4-2,5	2471,7	244,5	836	264590	20,4	D	52	709	210050	13,56	D	46
7x2	SMK-C-72.80-C1-2,5	1822,4	182,6	779	308690	23,8	E	53	672	245060	15,68	D	47
	SMK-C-72.80-C2-2,5	2428,0	239,7	903	298510	25,2	E	53	764	234730	15,96	D	47
	SMK-C-72.80-C3-2,5	2164,1	216,8	916	317370	23,1	D	53	733	255700	15,54	D	47
	SMK-C-72.80-C4-2,5	2883,7	285,3	975	308690	23,8	D	53	827	245060	15,82	D	47
8x2	SMK-C-82.80-C1-2,5	2082,7	208,7	890	352790	27,2	E	53	769	280060	17,92	D	47
	SMK-C-82.80-C2-2,5	2774,9	273,9	1032	341160	28,8	E	53	874	268270	18,24	D	47
	SMK-C-82.80-C3-2,5	2473,2	247,8	1047	362710	26,4	D	53	838	292230	17,76	D	47
	SMK-C-82.80-C4-2,5	3295,6	326,1	1115	352790	27,2	D	53	945	280060	18,08	D	47
9x2	SMK-C-92.80-C1-2,5	2343,1	234,8	1001	396890	30,6	E	54	865	315070	20,16	D	48
	SMK-C-92.80-C2-2,5	3121,7	308,1	1161	383800	32,4	E	54	983	301800	20,52	D	48
	SMK-C-92.80-C3-2,5	2782,4	278,8	1178	408050	29,7	D	54	943	328760	19,98	D	48
	SMK-C-92.80-C4-2,5	3707,6	366,8	1254	396890	30,6	D	54	1064	315070	20,34	D	48
10x2	SMK-C-102.80-C1-2,5	2603,4	260,8	1112	440990	34,0	E	54	961	350080	22,40	D	48
	SMK-C-102.80-C2-2,5	3468,6	342,4	1290	426440	36,0	E	54	1092	335340	22,80	D	48
	SMK-C-102.80-C3-2,5	3091,5	309,8	1309	453390	33,0	D	54	1047	365290	22,20	D	48
	SMK-C-102.80-C4-2,5	4119,5	407,6	1393	440990	34,0	D	54	1182	350080	22,60	D	48

Kapasite / Capacity

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	SMK .... Q 3~ 400V - Y 50Hz 435 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level	SMK .... E 3~ 400V - Y 50Hz 340 rpm Kapasite Capacity	Hava Debisi Air Flow	Fan Elektrik Gücü Power Consumption	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level
			Δt=15K		P_{el} Total		10 m	Δt=15K		P_{el} Total		10 m
	m²	l	kW	m³/h	kW	A+ - E	db(A)	kW	m³/h	kW	A+ - E	db(A)
SMK-C-12.80-C1-2,5	260,3	26,1	68	20730	0,62	B	26	58	16800	0,36	B	20
SMK-C-12.80-C2-2,5	346,9	34,2	75	19890	0,66	B	26	-	-	-	-	-
SMK-C-12.80-C3-2,5	309,2	31,0	73	21470	0,62	B	26	63	17640	0,36	A	20
SMK-C-12.80-C4-2,5	412,0	40,8	80	20730	0,66	B	26	-	-	-	-	-
SMK-C-22.80-C1-2,5	520,7	52,2	136	41460	1,24	B	29	116	33610	0,72	B	23
SMK-C-22.80-C2-2,5	693,7	68,5	150	39780	1,32	B	29	-	-	-	-	-
SMK-C-22.80-C3-2,5	618,3	62,0	146	42950	1,24	B	29	126	35280	0,72	A	23
SMK-C-22.80-C4-2,5	823,9	81,5	161	41460	1,32	B	29	-	-	-	-	-
SMK-C-32.80-C1-2,5	781,0	78,3	204	62190	1,86	B	31	175	50410	1,08	B	25
SMK-C-32.80-C2-2,5	1040,6	102,7	225	59670	1,98	B	31	-	-	-	-	-
SMK-C-32.80-C3-2,5	927,5	92,9	219	64420	1,86	B	31	189	52920	1,08	A	25
SMK-C-32.80-C4-2,5	1235,9	122,3	241	62190	1,98	B	31	-	-	-	-	-
SMK-C-42.80-C1-2,5	1041,4	104,3	271	82930	2,48	B	32	233	67220	1,44	B	26
SMK-C-42.80-C2-2,5	1387,4	136,9	300	79560	2,64	B	32	-	-	-	-	-
SMK-C-42.80-C3-2,5	1236,6	123,9	292	85900	2,48	B	32	252	70560	1,44	A	26
SMK-C-42.80-C4-2,5	1647,8	163,0	321	82930	2,64	B	32	-	-	-	-	-
SMK-C-52.80-C1-2,5	1301,7	130,4	339	103660	3,10	B	33	291	84020	1,80	B	27
SMK-C-52.80-C2-2,5	1734,3	171,2	375	99450	3,30	B	33	-	-	-	-	-
SMK-C-52.80-C3-2,5	1545,8	154,9	364	107370	3,10	B	33	315	88200	1,80	A	27
SMK-C-52.80-C4-2,5	2059,8	203,8	402	103660	3,30	B	33	-	-	-	-	-
SMK-C-62.80-C1-2,5	1562,0	156,5	407	124390	3,72	B	34	349	100830	2,16	B	28
SMK-C-62.80-C2-2,5	2081,2	205,4	450	119330	3,96	B	34	-	-	-	-	-
SMK-C-62.80-C3-2,5	1854,9	185,9	437	128850	3,72	B	34	377	105830	2,16	A	28
SMK-C-62.80-C4-2,5	2471,7	244,5	482	124390	3,96	B	34	-	-	-	-	-
SMK-C-72.80-C1-2,5	1822,4	182,6	475	145120	4,34	B	35	407	117630	2,52	B	29
SMK-C-72.80-C2-2,5	2428,0	239,7	525	139220	4,62	B	35	-	-	-	-	-
SMK-C-72.80-C3-2,5	2164,1	216,8	510	150320	4,34	B	35	440	123470	2,52	A	29
SMK-C-72.80-C4-2,5	2883,7	285,3	562	145120	4,62	B	35	-	-	-	-	-
SMK-C-82.80-C1-2,5	2082,7	208,7	543	165850	4,96	B	35	466	134430	2,88	B	29
SMK-C-82.80-C2-2,5	2774,9	273,9	599	159110	5,28	B	35	-	-	-	-	-
SMK-C-82.80-C3-2,5	2473,2	247,8	583	171800	4,96	B	35	503	141110	2,88	A	29
SMK-C-82.80-C4-2,5	3295,6	326,1	642	165850	5,28	B	35	-	-	-	-	-
SMK-C-92.80-C1-2,5	2343,1	234,8	611	186580	5,58	B	36	524	151240	3,24	B	30
SMK-C-92.80-C2-2,5	3121,7	308,1	674	179000	5,94	B	36	-	-	-	-	-
SMK-C-92.80-C3-2,5	2782,4	278,8	656	193270	5,58	B	36	566	158750	3,24	A	30
SMK-C-92.80-C4-2,5	3707,6	366,8	723	186580	5,94	B	36	-	-	-	-	-
SMK-C-102.80-C1-2,5	2603,4	260,8	679	207310	6,20	B	36	582	168040	3,60	B	30
SMK-C-102.80-C2-2,5	3468,6	342,4	749	198890	6,60	B	36	-	-	-	-	-
SMK-C-102.80-C3-2,5	3091,5	309,8	729	214740	6,20	B	36	629	176390	3,60	A	30
SMK-C-102.80-C4-2,5	4119,5	407,6	803	207310	6,60	B	36	-	-	-	-	-

SMK-C Modüler Tip Şaseli Kondenser / SMK-C Modular Type Chassis Condenser

Ölçüler / Measures

FAN: Ø800 mm

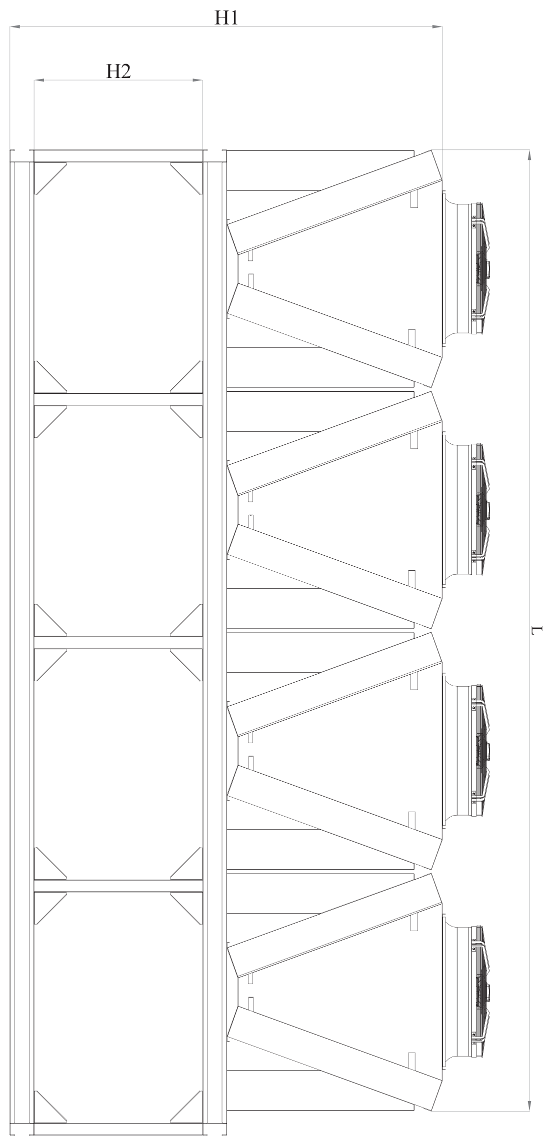
Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	Ölçüler / Dimensions					Bağlantılar Connections	
			L	H	H1	H2	D	Giriş Inlet	Çıkış Outlet
	m^2	l	mm	mm	mm	mm	mm	mm Ø	mm Ø
SMK-C-12.80-C1-2,1	307,6	26,1	1280	2485	2202	840	2275	2x35	2x28
SMK-C-12.80-C2-2,1	409,9	34,2	1280	2485	2202	840	2275	2x35	2x28
SMK-C-12.80-C3-2,1	365,3	31,0	1290	2670	2387	840	2275	2x35	2x28
SMK-C-12.80-C4-2,1	486,8	40,8	1290	2670	2387	840	2275	2x35	2x28
SMK-C-22.80-C1-2,1	615,3	52,2	2560	2485	2202	840	2275	4x35	4x28
SMK-C-22.80-C2-2,1	819,8	68,5	2560	2485	2202	840	2275	4x35	4x28
SMK-C-22.80-C3-2,1	730,6	62,0	2580	2670	2387	840	2275	4x35	4x28
SMK-C-22.80-C4-2,1	973,6	81,5	2580	2670	2387	840	2275	4x35	4x28
SMK-C-32.80-C1-2,1	922,9	78,3	3840	2485	2202	840	2275	6x35	6x28
SMK-C-32.80-C2-2,1	1229,8	102,7	3840	2485	2202	840	2275	6x35	6x28
SMK-C-32.80-C3-2,1	1095,9	92,9	3870	2670	2387	840	2275	6x35	6x28
SMK-C-32.80-C4-2,1	1460,5	122,3	3870	2670	2387	840	2275	6x35	6x28
SMK-C-42.80-C1-2,1	1230,5	104,3	5120	2485	2202	840	2275	8x35	8x28
SMK-C-42.80-C2-2,1	1639,7	136,9	5120	2485	2202	840	2275	8x35	8x28
SMK-C-42.80-C3-2,1	1461,2	123,9	5160	2670	2387	840	2275	8x35	8x28
SMK-C-42.80-C4-2,1	1947,3	163,0	5160	2670	2387	840	2275	8x35	8x28
SMK-C-52.80-C1-2,1	1538,2	130,4	6400	2485	2202	840	2275	10x35	10x28
SMK-C-52.80-C2-2,1	2049,6	171,2	6400	2485	2202	840	2275	10x35	10x28
SMK-C-52.80-C3-2,1	1826,6	154,9	6450	2670	2387	840	2275	10x35	10x28
SMK-C-52.80-C4-2,1	2434,1	203,8	6450	2670	2387	840	2275	10x35	10x28
SMK-C-62.80-C1-2,1	1845,8	156,5	7680	2485	2202	840	2275	12x35	12x28
SMK-C-62.80-C2-2,1	2459,5	205,4	7680	2485	2202	840	2275	12x35	12x28
SMK-C-62.80-C3-2,1	2191,9	185,9	7740	2670	2387	840	2275	12x35	12x28
SMK-C-62.80-C4-2,1	2920,9	244,5	7740	2670	2387	840	2275	12x35	12x28
SMK-C-72.80-C1-2,1	2153,4	182,6	8960	2485	2202	840	2275	14x35	14x28
SMK-C-72.80-C2-2,1	2869,4	239,7	8960	2485	2202	840	2275	14x35	14x28
SMK-C-72.80-C3-2,1	2557,2	216,8	9030	2670	2387	840	2275	14x35	14x28
SMK-C-72.80-C4-2,1	3407,7	285,3	9030	2670	2387	840	2275	14x35	14x28
SMK-C-82.80-C1-2,1	2461,0	208,7	10240	2485	2202	840	2275	16x35	16x28
SMK-C-82.80-C2-2,1	3279,4	273,9	10240	2485	2202	840	2275	16x35	16x28
SMK-C-82.80-C3-2,1	2922,5	247,8	10320	2670	2387	840	2275	16x35	16x28
SMK-C-82.80-C4-2,1	3894,6	326,1	10320	2670	2387	840	2275	16x35	16x28
SMK-C-92.80-C1-2,1	2768,7	234,8	11520	2485	2202	840	2275	18x35	18x28
SMK-C-92.80-C2-2,1	3689,3	308,1	11520	2485	2202	840	2275	18x35	18x28
SMK-C-92.80-C3-2,1	3287,8	278,8	11610	2670	2387	840	2275	18x35	18x28
SMK-C-92.80-C4-2,1	4381,4	366,8	11610	2670	2387	840	2275	18x35	18x28
SMK-C-102.80-C1-2,1	3076,3	260,8	12800	2485	2202	840	2275	20x35	20x28
SMK-C-102.80-C2-2,1	4099,2	342,4	12800	2485	2202	840	2275	20x35	20x28
SMK-C-102.80-C3-2,1	3653,1	309,8	12900	2670	2387	840	2275	20x35	20x28
SMK-C-102.80-C4-2,1	4868,2	407,6	12900	2670	2387	840	2275	20x35	20x28

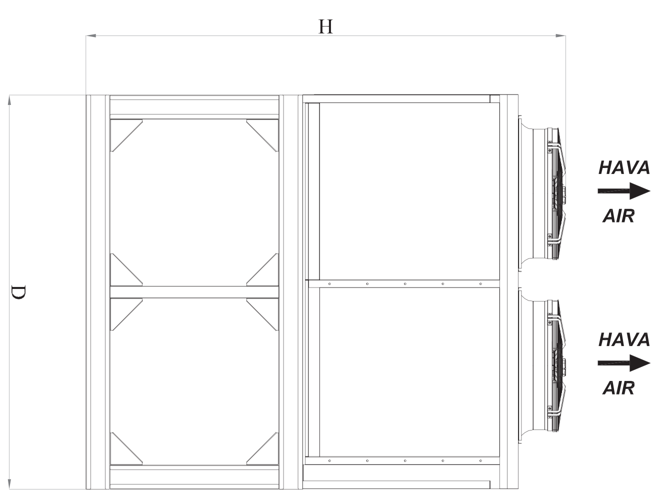
SMK-C Modüler Tip Şaseli Kondenser / SMK-C Modular Type Chassis Condenser
Ölçüler / Measures

FAN: Ø800 mm

Model	Isı Transfer Yüzeyi Heat Transfer Areas	Boru Hacmi Tube Volume	Ölçüler / Dimensions					Bağlantılar Connections	
			L	H	H1	H2	D	Giriş Inlet	Çıkış Outlet
	m²	l	mm	mm	mm	mm	mm	mm Ø	mm Ø
SMK-C-12.80-C1-2,5	260,3	26,1	1280	2485	2202	840	2275	2x35	2x28
SMK-C-12.80-C2-2,5	346,9	34,2	1280	2485	2202	840	2275	2x35	2x28
SMK-C-12.80-C3-2,5	309,2	31,0	1290	2670	2387	840	2275	2x35	2x28
SMK-C-12.80-C4-2,5	412,0	40,8	1290	2670	2387	840	2275	2x35	2x28
SMK-C-22.80-C1-2,5	520,7	52,2	2560	2485	2202	840	2275	4x35	4x28
SMK-C-22.80-C2-2,5	693,7	68,5	2560	2485	2202	840	2275	4x35	4x28
SMK-C-22.80-C3-2,5	618,3	62,0	2580	2670	2387	840	2275	4x35	4x28
SMK-C-22.80-C4-2,5	823,9	81,5	2580	2670	2387	840	2275	4x35	4x28
SMK-C-32.80-C1-2,5	781,0	78,3	3840	2485	2202	840	2275	6x35	6x28
SMK-C-32.80-C2-2,5	1040,6	102,7	3840	2485	2202	840	2275	6x35	6x28
SMK-C-32.80-C3-2,5	927,5	92,9	3870	2670	2387	840	2275	6x35	6x28
SMK-C-32.80-C4-2,5	1235,9	122,3	3870	2670	2387	840	2275	6x35	6x28
SMK-C-42.80-C1-2,5	1041,4	104,3	5120	2485	2202	840	2275	8x35	8x28
SMK-C-42.80-C2-2,5	1387,4	136,9	5120	2485	2202	840	2275	8x35	8x28
SMK-C-42.80-C3-2,5	1236,6	123,9	5160	2670	2387	840	2275	8x35	8x28
SMK-C-42.80-C4-2,5	1647,8	163,0	5160	2670	2387	840	2275	8x35	8x28
SMK-C-52.80-C1-2,5	1301,7	130,4	6400	2485	2202	840	2275	10x35	10x28
SMK-C-52.80-C2-2,5	1734,3	171,2	6400	2485	2202	840	2275	10x35	10x28
SMK-C-52.80-C3-2,5	1545,8	154,9	6450	2670	2387	840	2275	10x35	10x28
SMK-C-52.80-C4-2,5	2059,8	203,8	6450	2670	2387	840	2275	10x35	10x28
SMK-C-62.80-C1-2,5	1562,0	156,5	7680	2485	2202	840	2275	12x35	12x28
SMK-C-62.80-C2-2,5	2081,2	205,4	7680	2485	2202	840	2275	12x35	12x28
SMK-C-62.80-C3-2,5	1854,9	185,9	7740	2670	2387	840	2275	12x35	12x28
SMK-C-62.80-C4-2,5	2471,7	244,5	7740	2670	2387	840	2275	12x35	12x28
SMK-C-72.80-C1-2,5	1822,4	182,6	8960	2485	2202	840	2275	14x35	14x28
SMK-C-72.80-C2-2,5	2428,0	239,7	8960	2485	2202	840	2275	14x35	14x28
SMK-C-72.80-C3-2,5	2164,1	216,8	9030	2670	2387	840	2275	14x35	14x28
SMK-C-72.80-C4-2,5	2883,7	285,3	9030	2670	2387	840	2275	14x35	14x28
SMK-C-82.80-C1-2,5	2082,7	208,7	10240	2485	2202	840	2275	16x35	16x28
SMK-C-82.80-C2-2,5	2774,9	273,9	10240	2485	2202	840	2275	16x35	16x28
SMK-C-82.80-C3-2,5	2473,2	247,8	10320	2670	2387	840	2275	16x35	16x28
SMK-C-82.80-C4-2,5	3295,6	326,1	10320	2670	2387	840	2275	16x35	16x28
SMK-C-92.80-C1-2,5	2343,1	234,8	11520	2485	2202	840	2275	18x35	18x28
SMK-C-92.80-C2-2,5	3121,7	308,1	11520	2485	2202	840	2275	18x35	18x28
SMK-C-92.80-C3-2,5	2782,4	278,8	11610	2670	2387	840	2275	18x35	18x28
SMK-C-92.80-C4-2,5	3707,6	366,8	11610	2670	2387	840	2275	18x35	18x28
SMK-C-102.80-C1-2,5	2603,4	260,8	12800	2485	2202	840	2275	20x35	20x28
SMK-C-102.80-C2-2,5	3468,6	342,4	12800	2485	2202	840	2275	20x35	20x28
SMK-C-102.80-C3-2,5	3091,5	309,8	12900	2670	2387	840	2275	20x35	20x28
SMK-C-102.80-C4-2,5	4119,5	407,6	12900	2670	2387	840	2275	20x35	20x28

Teknik Çizim / Technical Drawing





Genel Özellikler / Specifications

Batarya
• Bakır borular Ø3/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi bakırdır,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kondenserler dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler Eurovent (EN 327) standartları dikkate alınarak hava sıcaklığı Tc= 40°C, hava giriş sıcaklığı Tai= 25°C, sıcaklık farkı ΔT=15K ve deniz seviyesinde R404A gazı için hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50/60 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coil
• Copper tubes Ø3/8",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of copper,
• Highest permissible working pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -40°C up to +60/+65°C,
• Maximum start up recommended for motors is 6 per hour,
• Condensers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated according to Eurovent (EN 327) standards that refer to a condensation temperature Tc= 40°C at and air inlet temperature Tai= 25°C, temperature difference ΔT=15K, height above salevel and are valid for R404A,
• Capacities are calculated for difference noise levels

Options
• Two refrigerant circuit,
• Different casing color,
• Three phase 400V 3~50/60 Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Repair Switch,

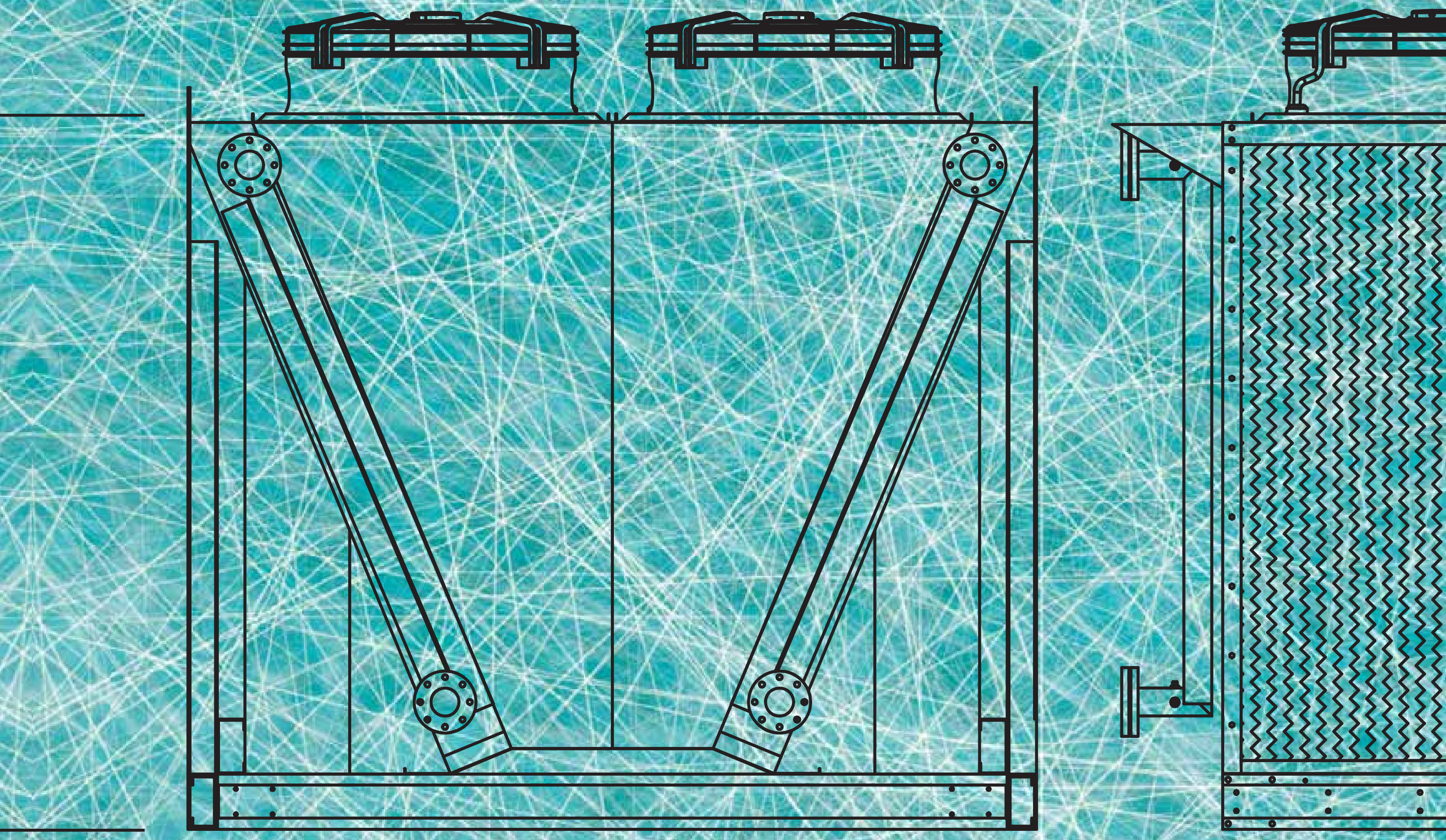
Dry Coolers

Kuru Soğutucular

Trockenkühler

Сухие охладители

مبردات الجافة



heat transfer devices

ısı transfer cihazları

SED Industrial Dry Coolers
SED Endüstriyel Kuru Soğutucular

SED Series

SARBUZ SED Serisi Endüstriyel Kuru Soğutucular, yatay ve dikey tip kuru ve ıslak/kuru soğutucular, müşterinin ihtiyaçları doğrultusunda Ø500, Ø630 ve Ø 800 fanlı olarak tasarlanmaktadır.

SARBUZ SED Series Industrial Dry Cooler, horizontal and vertical type SED series dry and wet/dry coolers are designed with Ø500, Ø630 and Ø800 fan diameters, according to costumers' needs.

Ürün Kodlama
Product Classification

SED-H-13.50-E1-2,1-N

Endüstriyel kuru soğutucu Industrial dry cooler	**SED-**
H: Yatık tip / Horizontal **V: Dik tip /** Vertical	**H-**
Fan dizilimi 1 x 3 1 Rows, 3 fans per row	**13.**
Fan çapı Fan diameter	**50-**
Batarya kodu Coil code	**E1-**
Hatve (2,1 mm - 2,5 mm) Fin Spacing (2,1 mm - 2,5 mm)	**2,1-**
Normal ses seviyesi Normal noise level	**N**
Düşük ses seviyesi Low noise level	**L**

SED Endüstriyel Kuru Soğutucular / SED Industrial Dry Coolers

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø500 mm

	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Boru Hacmi Tube Volume	SED .... N 1~ 230V 50Hz 1400 rpm Kapasite Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi Air Flow	Akışkan Debisi Fluid Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	SED .... L 3~ 400V - Δ 50Hz 930 rpm Kapasite Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi Air Flow	Akışkan Debisi Fluid Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	kW	m³/h	m³/h	kW	A+ - E	dB(A)	kW	m³/h	m³/h	kW	A+ - E	dB(A)
1x1	SED-V/H-11.50-E1-2,1	59,0	6,0	19	7538	3,5	0,61	E	41	14	5058	2,6	0,30	D	32
	SED-V/H-11.50-E2-2,1	78,7	8,0	21	6983	3,9	0,61	E	41	16	4716	2,9	0,30	D	32
1x2	SED-V/H-12.50-E1-2,1	118,0	12,0	39	15513	7,2	1,22	E	44	30	10116	5,4	0,60	D	35
	SED-V/H-12.50-E2-2,1	157,3	16,0	46	14450	8,4	1,22	D	44	34	9431	6,2	0,60	D	35
1x3	SED-V/H-13.50-E1-2,1	177,0	18,0	58	23269	10,8	1,83	E	46	44	15173	8,2	0,90	D	37
	SED-V/H-13.50-E2-2,1	236,0	23,9	66	21675	12,1	1,83	E	46	49	14147	8,9	0,90	D	37
1x4	SED-V/H-14.50-E1-2,1	236,0	23,9	77	30244	14,2	2,44	E	47	58	19712	10,8	1,20	D	38
	SED-V/H-14.50-E2-2,1	314,7	31,9	87	28057	16,0	2,44	E	47	64	18249	11,8	1,20	D	38
2x2	SED-V/H-22.50-E1-2,1	236,0	23,6	78	31025	14,4	2,44	E	47	59	20231	10,9	1,20	D	38
	SED-V/H-22.50-E2-2,1	314,7	31,4	91	28900	16,8	2,44	D	47	67	18863	12,4	1,20	D	38
2x3	SED-V/H-23.50-E1-2,1	354,0	35,3	117	46538	21,6	3,66	E	49	88	30346	16,3	1,80	D	40
	SED-V/H-23.50-E2-2,1	472,0	47,1	132	43350	24,3	3,66	E	49	97	28294	17,9	1,80	D	40
2x4	SED-V/H-24.50-E1-2,1	472,0	47,1	162	62051	29,9	4,88	E	50	122	40462	22,6	2,40	D	41
	SED-V/H-24.50-E2-2,1	629,3	62,8	182	57801	33,6	4,88	D	50	134	37725	24,7	2,40	D	41

Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø500 mm

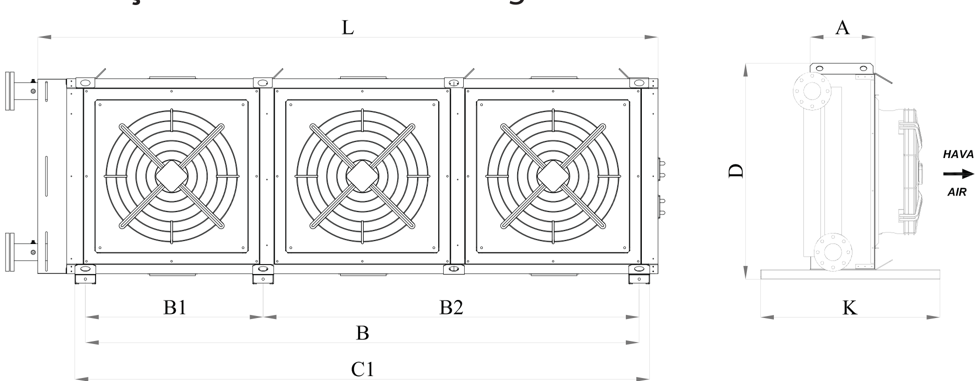
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Boru Hacmi Tube Volume	SED .... N 1~ 230V 50Hz 1400 rpm Kapasite Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi Air Flow	Akışkan Debisi Fluid Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	SED .... L 3~ 400V - Δ 50Hz 930 rpm Kapasite Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi Air Flow	Akışkan Debisi Fluid Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	l	kW	m³/h	m³/h	kW	A+ - E	dB(A)	kW	m³/h	m³/h	kW	A+ - E	dB(A)
1x1	SED-V/H-11.50-E1-2,5	59,0	6,0	17	7936	3,2	0,61	E	41	13	5188	2,4	0,30	D	32
	SED-V/H-11.50-E2-2,5	78,7	8,0	20	7428	3,7	0,61	E	41	15	4845	2,7	0,30	D	32
1x2	SED-V/H-12.50-E1-2,5	118,0	12,0	36	15872	6,6	1,22	E	44	27	10375	5,0	0,60	D	35
	SED-V/H-12.50-E2-2,5	157,3	16,0	42	14856	7,8	1,22	D	44	32	9691	5,8	0,60	D	35
1x3	SED-V/H-13.50-E1-2,5	177,0	18,0	53	23808	9,8	1,83	E	46	41	15563	7,5	0,90	D	37
	SED-V/H-13.50-E2-2,5	236,0	23,9	61	22285	11,3	1,83	E	46	46	14536	8,4	0,90	D	37
1x4	SED-V/H-14.50-E1-2,5	236,0	23,9	70	31025	13,0	2,44	E	47	54	20231	10,0	1,20	D	38
	SED-V/H-14.50-E2-2,5	314,7	31,9	81	28900	14,9	2,44	E	47	60	18863	11,1	1,20	D	38
2x2	SED-V/H-22.50-E1-2,5	236,0	23,6	71	31744	13,1	2,44	E	47	55	20750	10,1	1,20	D	38
	SED-V/H-22.50-E2-2,5	314,7	31,4	91	28900	16,8	2,44	D	47	63	19382	11,7	1,20	D	38
2x3	SED-V/H-23.50-E1-2,5	354,0	35,3	107	47616	19,6	3,66	E	49	82	31125	15,1	1,80	D	40
	SED-V/H-23.50-E2-2,5	472,0	47,1	122	44569	22,6	3,66	E	49	91	29072	16,9	1,80	D	40
2x4	SED-V/H-24.50-E1-2,5	472,0	47,1	148	63488	27,2	4,88	E	50	113	41500	20,9	2,40	D	41
	SED-V/H-24.50-E2-2,5	629,3	62,8	170	59426	31,3	4,88	D	50	127	38763	23,3	2,40	D	41

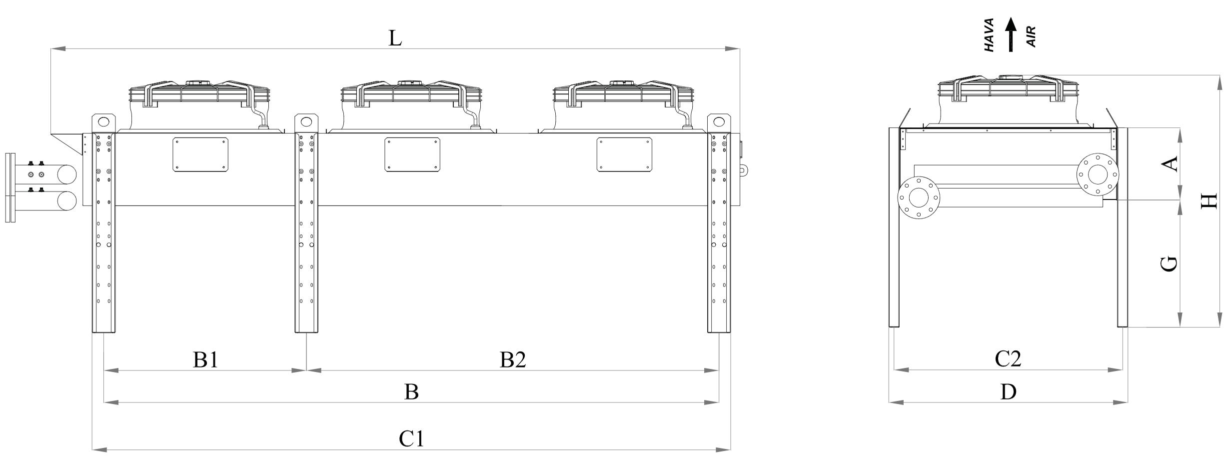
Ölçüler / Measures

Lamel Aralığı / Fin Spacing **2,1 mm / 2,5 mm**

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	L	H	D	A	B	B1	B2	B3	C	G	K	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch
SED-V/H-11.50-E1	1030	926	922	300	724	-	-	-	872	500	800	1"	1"
SED-V/H-11.50-E2	1030	926	922	300	724	-	-	-	872	500	800	1"	1"
SED-V/H-12.50-E1	1830	926	922	300	1524	-	-	-	872	500	800	1 1/4"	1 1/4"
SED-V/H-12.50-E2	1830	926	922	300	1524	-	-	-	872	500	800	1 1/4"	1 1/4"
SED-V/H-13.50-E1	2630	926	922	300	2324	752	-	1572	872	500	800	1 1/2"	1 1/2"
SED-V/H-13.50-E2	2630	926	922	300	2324	752	-	1572	872	500	800	2"	2"
SED-V/H-14.50-E1	3430	926	922	300	3124	1552	-	1572	872	500	800	2"	2"
SED-V/H-14.50-E2	3430	926	922	300	3124	1552	-	1572	872	500	800	2"	2"
SED-V/H-22.50-E1	1830	1026	1722	300	1524	-	-	-	1672	600	900	2"	2"
SED-V/H-22.50-E2	1830	1026	1722	300	1524	-	-	-	1672	600	900	2"	2"
SED-V/H-23.50-E1	2630	1026	1722	300	2324	752	-	1572	1672	600	900	2 1/2"	2 1/2"
SED-V/H-23.50-E2	2630	1026	1722	300	2324	752	-	1572	1672	600	900	2 1/2"	2 1/2"
SED-V/H-24.50-E1	3430	1026	1722	300	3124	1552	-	1572	1672	600	900	3"	3"
SED-V/H-24.50-E2	3430	1026	1722	300	3124	1552	-	1572	1672	600	900	3"	3"

Teknik Çizim / Technical Drawing





SED

SED Endüstriyel Kuru Soğutucular / SED Industrial Dry Coolers

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø800 mm				SED .... N 1~ 230V 50Hz 1400 rpm						SED .... L 3~ 400V - Δ 50Hz 930 rpm					
	Model	**Isı Transfer Yüzeyi Heat Transfer Surface**	**Boru Hacmi Tube Volume**	**Kapasite Capacity Ta=25°C, Tin/out=40/35°C**	**Hava Debisi Air Flow**	**Akışkan Debisi Fluid Flow**	**Fan Elektrik Gücü Power Consumption**	**Enerji Sınıfı Enery Efficiency Class**	**Ses Seviyesi Sound Pressure Level**	**Kapasite Capacity Ta=25°C, Tin/out=40/35°C**	**Hava Debisi Air Flow**	**Akışkan Debisi Fluid Flow**	**Fan Elektrik Gücü Power Consumption**	**Enerji Sınıfı Enery Efficiency Class**	**Ses Seviyesi Sound Pressure Level**
				Δt=15K			**P_{el} Total**		**10 m**	**Δt=15K**			**P_{el} Total**		**10 m**
		m²	**l**	**kW**	**m³/h**	**m³/h**	**kW**	**A+ - E**	**dB(A)**	**kW**	**m³/h**	**m³/h**	**kW**	**A+ - E**	**dB(A)**
	SED-V/H-12.80-E1-2,1	247,8	25,1	91	38472	16,7	3,40	E	44	77	14760	14,2	2,30	E	38
	SED-V/H-12.80-E2-2,1	330,4	33,5	104	36040	19,1	3,40	E	44	85	13500	15,7	2,30	D	38
1x2	SED-V/H-12.80-E3-2,1	289,1	29,3	101	40451	18,7	3,40	E	44	86	15560	15,9	2,30	D	38
	SED-V/H-12.80-E4-2,1	385,5	39,1	116	38234	21,3	3,40	E	44	96	14670	17,8	2,30	D	38
	SED-V/H-12.80-E5-2,1	330,4	33,5	111	41858	20,4	3,40	E	44	94	16420	17,4	2,30	D	38
	SED-V/H-12.80-E6-2,1	440,5	44,7	127	40046	23,3	3,40	D	44	105	15520	19,4	2,30	D	38
	SED-V/H-13.80-E1-2,1	371,7	37,7	138	57708	25,5	5,10	E	46	117	29520	21,6	3,45	E	40
	SED-V/H-13.80-E2-2,1	495,6	50,3	158	54060	29,1	5,10	E	46	130	26990	23,9	3,45	D	40
1x3	SED-V/H-13.80-E3-2,1	433,6	44,0	154	60676	28,4	5,10	E	46	131	31320	24,2	3,45	D	40
	SED-V/H-13.80-E4-2,1	578,2	58,7	176	57351	32,4	5,10	E	46	146	29340	27,0	3,45	D	40
	SED-V/H-13.80-E5-2,1	495,6	50,3	168	62786	31,0	5,10	E	46	143	32840	26,4	3,45	D	40
	SED-V/H-13.80-E6-2,1	660,8	67,0	192	60069	35,4	5,10	D	46	160	31050	29,5	3,45	D	40
	SED-V/H-14.80-E1-2,1	495,6	50,3	181	76944	33,3	6,80	E	47	154	44290	28,3	4,60	D	41
	SED-V/H-14.80-E2-2,1	660,8	67,0	207	72081	38,1	6,80	E	47	170	40490	31,4	4,60	D	41
1x4	SED-V/H-14.80-E3-2,1	578,2	58,7	203	80902	37,3	6,80	E	47	172	46980	31,8	4,60	D	41
	SED-V/H-14.80-E4-2,1	770,9	78,2	231	76467	42,6	6,80	E	47	193	44010	35,5	4,60	D	41
	SED-V/H-14.80-E5-2,1	660,8	67,0	221	83715	40,8	6,80	E	47	189	49260	34,8	4,60	D	41
	SED-V/H-14.80-E6-2,1	881,1	89,4	252	76277	46,4	6,80	D	47	206	46570	38,1	4,60	D	41
	SED-V/H-15.80-E1-2,1	619,5	62,8	233	96180	43,0	8,50	E	48	198	54720	36,5	5,75	D	42
	SED-V/H-15.80-E2-2,1	826,0	83,8	266	90101	49,1	8,50	E	48	219	49280	40,4	5,75	D	42
1x5	SED-V/H-15.80-E3-2,1	722,8	117,5	265	96657	48,8	8,50	E	48	222	59230	40,9	5,75	D	42
	SED-V/H-15.80-E4-2,1	963,7	156,6	296	90637	54,5	8,50	E	48	240	54260	44,2	5,75	D	42
	SED-V/H-15.80-E5-2,1	826,0	134,3	290	100949	53,4	8,50	E	48	243	62640	44,8	5,75	D	42
	SED-V/H-15.80-E6-2,1	1101,3	179,0	323	95346	59,6	8,50	D	48	265	58590	48,8	5,75	D	42
	SED-V/H-16.80-E1-2,1	743,4	120,8	291	109480	53,7	10,20	E	49	241	68400	44,5	6,90	D	43
	SED-V/H-16.80-E2-2,1	991,2	161,1	322	100396	59,4	10,20	E	49	259	61600	47,7	6,90	D	43
1x6	SED-V/H-16.80-E3-2,1	867,3	141,0	325	115989	59,9	10,20	E	49	272	74040	50,1	6,90	D	43
	SED-V/H-16.80-E4-2,1	1156,4	188,0	362	108765	66,8	10,20	E	49	294	67820	54,1	6,90	D	43
	SED-V/H-16.80-E5-2,1	991,2	161,1	354	121138	65,3	10,20	E	49	297	78300	54,7	6,90	D	43
	SED-V/H-16.80-E6-2,1	1321,6	214,8	395	114415	72,8	10,20	D	49	323	73240	59,6	6,90	D	43
	SED-V/H-22.80-E1-2,1	495,6	50,3	181	76944	33,4	6,80	E	47	154	59142	28,4	4,60	E	41
	SED-V/H-22.80-E2-2,1	660,8	67,0	207	72081	38,2	6,80	E	47	170	54165	31,4	4,60	D	41
2x2	SED-V/H-22.80-E3-2,1	578,2	58,7	203	80902	37,4	6,80	E	47	173	62736	31,8	4,60	D	41
	SED-V/H-22.80-E4-2,1	770,9	78,2	232	76467	42,7	6,80	E	47	193	58773	35,6	4,60	D	41
	SED-V/H-22.80-E5-2,1	660,8	67,0	222	83715	40,8	6,80	E	47	189	65500	34,8	4,60	D	41
	SED-V/H-22.80-E6-2,1	881,1	89,4	253	80091	46,7	6,80	D	47	211	61906	38,9	4,60	D	41
	SED-V/H-23.80-E1-2,1	743,4	75,4	276	115416	50,9	10,20	E	49	235	88712	43,3	6,90	E	43
	SED-V/H-23.80-E2-2,1	991,2	100,5	315	108121	58,1	10,20	E	49	260	81248	47,9	6,90	D	43
2x3	SED-V/H-23.80-E3-2,1	867,3	88,0	309	121353	56,9	10,20	E	49	263	94104	48,4	6,90	D	43
	SED-V/H-23.80-E4-2,1	1156,4	117,3	352	114701	64,9	10,20	E	49	293	88159	54,0	6,90	D	43
	SED-V/H-23.80-E5-2,1	991,2	100,5	319	125573	58,9	10,20	E	49	273	98251	50,2	6,90	D	43
	SED-V/H-23.80-E6-2,1	1321,6	134,1	379	120137	69,9	10,20	D	49	316	92859	58,2	6,90	D	43
	SED-V/H-24.80-E1-2,1	991,2	100,5	362	153888	66,7	13,60	E	50	307	118283	56,7	9,20	E	44
	SED-V/H-24.80-E2-2,1	1321,6	134,1	413	144161	76,2	13,60	E	50	340	108330	62,7	9,20	E	44
2x4	SED-V/H-24.80-E3-2,1	1156,4	117,3	405	161804	74,7	13,60	E	50	307	118283	56,7	9,20	E	44
	SED-V/H-24.80-E4-2,1	1541,9	156,4	463	152935	85,3	13,60	E	50	385	117546	71,0	9,20	D	44
	SED-V/H-24.80-E5-2,1	1321,6	134,1	442	167430	81,6	13,60	E	50	377	131001	69,6	9,20	D	44
	SED-V/H-24.80-E6-2,1	1762,1	178,8	506	160183	93,3	13,60	D	50	421	123813	77,7	9,20	D	44
	SED-V/H-25.80-E1-2,1	1239,0	125,7	489	196771	90,1	17,00	E	51	416	151771	76,6	11,50	E	45
	SED-V/H-25.80-E2-2,1	1652,0	167,6	533	180201	98,2	17,00	E	51	438	135413	80,8	11,50	D	45
2x5	SED-V/H-25.80-F3-2,1	1445,5	146,6	520	202255	95,9	17,00	E	51	442	156839	81,6	11,50	D	45
	SED-V/H-25.80-F4-2,1	1927,3	195,5	593	191168	109,3	17,00	E	51	493	146932	91,0	11,50	D	45
	SED-V/H-25.80-F5-2,1	1734,6	282,0	597	204639	110,1	17,00	E	51	501	159258	92,4	11,50	D	45
	SED-V/H-25.80-F6-2,1	2312,8	376,0	667	194149	123,0	17,00	D	51	547	149467	100,8	11,50	D	45
	SED-V/H-26.80-F1-2,1	1486,8	241,7	582	218960	107,3	20,40	E	52	483	165260	88,9	13,80	E	46
	SED-V/H-26.80-F2-2,1	1982,4	322,2	671	200792	123,7	20,40	E	52	538	148949	99,2	13,80	D	46
2x6	SED-V/H-26.80-F3-2,1	1734,6	282,0	650	231977	119,8	20,40	E	52	543	178531	100,2	13,80	D	46
	SED-V/H-26.80-F4-2,1	2312,8	376,0	725	217529	133,6	20,40	E	52	587	163878	108,2	13,80	D	46
	SED-V/H-26.80-F5-2,1	1982,4	322,2	709	242277	130,6	20,40	E	52	594	187931	109,5	13,80	D	46
	SED-V/H-26.80-F6-2,1	2643,2	429,7	790	228830	145,6	20,40	D	52	647	175766	119,2	13,80	D	46

MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	L	H	D	A	B	B1	B2	B3	C	G	K	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch
SED-V/H-12.80-E1-2,1	2650	1283	1322	400	2304	1132	-	1172	1272	600	1000	2″	2″
SED-V/H-12.80-E2-2,1	2650	1283	1322	400	2304	1132	-	1172	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E3-2,1	3050	1283	1322	400	2704	1332	-	1372	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E4-2,1	3050	1283	1322	400	2704	1332	-	1372	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E5-2,1	3450	1283	1322	400	3104	1532	-	1572	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E6-2,1	3450	1283	1322	400	3104	1532	-	1572	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-13.80-E1-2,1	3850	1283	1322	400	3504	1132	1200	1172	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-13.80-E2-2,1	3850	1283	1322	400	3504	1132	1200	1172	1272	600	1000	3″	3″
SED-V/H-13.80-E3-2,1	4450	1283	1322	400	4104	1332	1400	1372	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-13.80-E4-2,1	4450	1283	1322	400	4104	1332	1400	1372	1272	600	1000	3″	3″
SED-V/H-13.80-E5-2,1	5050	1283	1322	400	4704	1532	1600	1572	1272	600	1000	3″	3″
SED-V/H-13.80-E6-2,1	5050	1283	1322	400	4704	1532	1600	1572	1272	600	1000	3″	3″
SED-V/H-14.80-E1-2,1	5050	1333	1275	450	4704	1132	1200	1172	1225	600	1050	3″	3″
SED-V/H-14.80-E2-2,1	5050	1333	1275	450	4704	1132	1200	1172	1225	600	1050	3″	3″
SED-V/H-14.80-E3-2,1	5850	1333	1275	450	5504	1332	1400	1372	1225	600	1050	3″	3″
SED-V/H-14.80-E4-2,1	5850	1333	1275	450	5504	1332	1400	1372	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-14.80-E5-2,1	6650	1333	1275	450	6304	1532	1600	1572	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-14.80-E6-2,1	6650	1333	1275	450	6304	1532	1600	1572	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E1-2,1	6250	1333	1275	450	5904	1132	1200	1172	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E2-2,1	6250	1333	1275	450	5904	1132	1200	1172	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E3-2,1	7250	1333	1275	450	6904	1332	1400	1372	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E4-2,1	7250	1333	1275	450	6904	1332	1400	1372	1225	600	1050	4″	4″
SED-V/H-15.80-E5-2,1	8250	1333	1275	450	7904	1532	1600	1572	1225	600	1050	4″	4″
SED-V/H-15.80-E6-2,1	8250	1333	1275	450	7904	1532	1600	1572	1225	600	1050	4″	4″
SED-V/H-16.80-E1-2,1	7450	1333	1275	450	7104	1132	1200	1172	1225	600	1050	4″	4″
SED-V/H-16.80-E2-2,1	7450	1333	1275	450	7104	1132	1200	1172	1225	600	1050	4″	4″
SED-V/H-16.80-E3-2,1	8650	1333	1275	450	8304	1332	1400	1372	1225	600	1050	4″	4″
SED-V/H-16.80-E4-2,1	8650	1333	1275	450	8304	1332	1400	1372	1225	600	1050	5″	5″
SED-V/H-16.80-E5-2,1	9850	1333	1275	450	9504	1532	1600	1572	1225	600	1050	5″	5″
SED-V/H-16.80-E6-2,1	9850	1333	1275	450	9504	1532	1600	1572	1225	600	1050	5″	5″
SED-V/H-22.80-E1-2,1	2650	1483	2422	400	2304	1132	-	1172	2372	800	1200	3″	3″
SED-V/H-22.80-E2-2,1	2650	1483	2422	400	2304	1132	-	1172	2372	800	1200	3″	3″
SED-V/H-22.80-E3-2,1	3050	1483	2422	400	2704	1332	-	1372	2372	800	1200	3″	3″
SED-V/H-22.80-E4-2,1	3050	1483	2422	400	2704	1332	-	1372	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-22.80-E5-2,1	3450	1483	2422	400	3104	1532	-	1572	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-22.80-E6-2,1	3450	1483	2422	400	3104	1532	-	1572	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-23.80-E1-2,1	3850	1483	2422	400	3504	1132	1200	1172	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-23.80-E2-2,1	3850	1483	2422	400	3504	1132	1200	1172	2372	800	1200	4″	4″
SED-V/H-23.80-E3-2,1	4450	1483	2422	400	4104	1332	1400	1372	2372	800	1200	4″	4″
SED-V/H-23.80-E4-2,1	4450	1483	2422	400	4104	1332	1400	1372	2372	800	1200	5″	5″
SED-V/H-23.80-E5-2,1	5050	1483	2422	400	4704	1532	1600	1572	2372	800	1200	4″	4″
SED-V/H-23.80-E6-2,1	5050	1483	2422	400	4704	1532	1600	1572	2372	800	1200	5″	5″
SED-V/H-24.80-E1-2,1	5050	1533	2422	450	4704	1132	1200	1172	2372	800	1250	5″	5″
SED-V/H-24.80-E2-2,1	5050	1533	2422	450	4704	1132	1200	1172	2372	800	1250	5″	5″
SED-V/H-24.80-E3-2,1	5850	1533	2422	450	5504	1332	1400	1372	2372	800	1250	5″	5″
SED-V/H-24.80-E4-2,1	5850	1533	2422	450	5504	1332	1400	1372	2372	800	1250	5″	5″
SED-V/H-24.80-E5-2,1	6650	1533	2422	450	6304	1532	1600	1572	2372	800	1250	5″	5″
SED-V/H-24.80-E6-2,1	6650	1533	2422	450	6304	1532	1600	1572	2372	800	1250	5″	5″
SED-V/H-25.80-E1-2,1	6250	1533	2422	450	5904	1132	1200	1172	2372	800	1250	5″	5″
SED-V/H-25.80-E2-2,1	6250	1533	2422	450	5904	1132	1200	1172	2372	800	1250	6″	6″
SED-V/H-25.80-E3-2,1	7250	1533	2422	450	6904	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-25.80-E4-2,1	7250	1533	2422	450	6904	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-25.80-E5-2,1	8650	1533	2422	450	8304	1612	1680	1652	2372	800	1250	6″	6″
SED-V/H-25.80-E6-2,1	8650	1533	2422	450	8304	1612	1680	1652	2372	800	1250	6″	6″
SED-V/H-26.80-E1-2,1	7450	1533	2422	450	7104	1132	1200	1172	2372	800	1250	6″	6″
SED-V/H-26.80-E2-2,1	7450	1533	2422	450	7104	1132	1200	1172	2372	800	1250	6″	6″
SED-V/H-26.80-E3-2,1	8650	1533	2422	450	8304	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-26.80-E4-2,1	8650	1533	2422	450	8304	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-26.80-E5-2,1	9850	1533	2422	450	9504	1532	1600	1572	2372	800	1250	6″	6″
SED-V/H-26.80-E6-2,1	9850	1533	2422	450	9504	1532	1600	1572	2372	800	1250	6″	6″

SED Endüstriyel Kuru Soğutucular / SED Industrial Dry Coolers

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,5 mm**

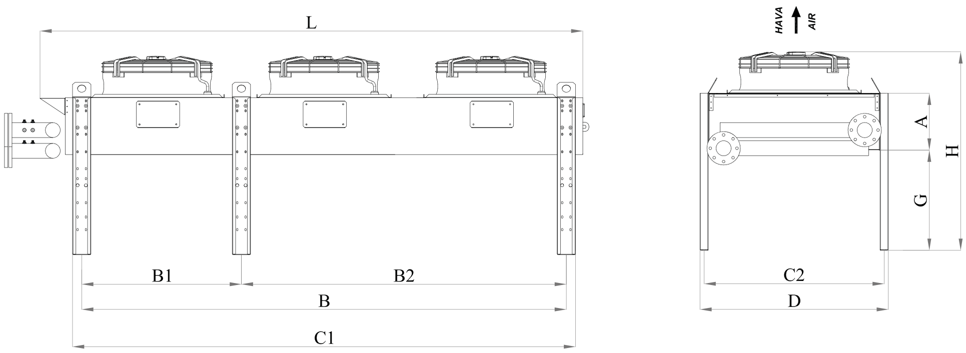
FAN: Ø800 mm

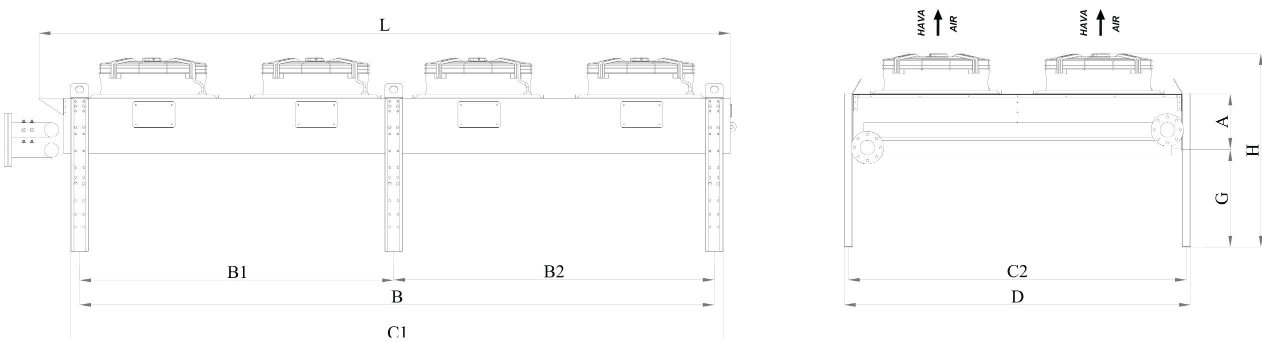
				SED .... N 3~ 400V - Δ 50Hz 880 rpm						SED .... L 3~ 400V - Y 50Hz 670 rpm					
	Model	**Isı Transfer Yüzeyi** **Heat Transfer Surface**	**Boru Hacmi** **Tube Volume**	**Kapasite** **Capacity** **Ta=25°C, Tin/out=40/35°C**	**Hava Debisi** **Air Flow**	**Akışkan Debisi** **Fluid Flow**	**Fan Elektrik Gücü** **Power Consumption**	**Enerji Sınıfı** **Enery Efficiency Class**	**Ses Seviyesi** **Sound Pressure Level**	**Kapasite** **Capacity** **Ta=25°C, Tin/out=40/35°C**	**Hava Debisi** **Air Flow**	**Akışkan Debisi** **Fluid Flow**	**Fan Elektrik Gücü** **Power Consumption**	**Enerji Sınıfı** **Enery Efficiency Class**	**Ses Seviyesi** **Sound Pressure Level**
				Δt=15K			**P_{el} Total**		**10 m**	**Δt=15K**			**P_{el} Total**		**10 m**
		m²	**l**	**kW**	**m³/h**	**m³/h**	**kW**	**A+ - E**	**dB(A)**	**kW**	**m³/h**	**m³/h**	**kW**	**A+ - E**	**dB(A)**
	SED-V/H-12.80-E1-2,5	210,1	25,1	82	39330	15,1	3,40	E	44	71	30331	13,0	2,30	E	38
	SED-V/H-12.80-E2-2,5	280,1	33,5	96	36970	17,6	3,40	E	44	80	28096	14,8	2,30	D	38
1x2	SED-V/H-12.80-E3-2,5	245,1	29,3	92	41142	17,0	3,40	E	44	79	32059	14,6	2,30	D	38
	SED-V/H-12.80-E4-2,5	326,8	39,1	107	39116	19,8	3,40	E	44	107	39116	19,8	2,30	D	38
	SED-V/H-12.80-E5-2,5	280,1	33,5	101	42478	18,5	3,40	E	44	87	33349	16,0	2,30	D	38
	SED-V/H-12.80-E6-2,5	373,4	44,7	117	40761	21,6	3,40	D	44	99	31690	18,2	2,30	D	38
	SED-V/H-13.80-E1-2,5	315,1	37,7	125	58996	23,1	5,10	E	46	107	45497	19,8	3,45	E	40
	SED-V/H-13.80-E2-2,5	420,1	50,3	146	55455	26,9	5,10	E	46	130	40624	23,9	3,45	D	40
1x3	SED-V/H-13.80-E3-2,5	367,6	44,0	140	61714	25,8	5,10	E	46	120	48089	22,2	3,45	D	40
	SED-V/H-13.80-E4-2,5	490,1	58,7	163	58674	30,0	5,10	E	46	137	45186	25,2	3,45	D	40
	SED-V/H-13.80-E5-2,5	420,1	50,3	153	63716	28,2	5,10	E	46	143	49125	26,4	3,45	D	40
	SED-V/H-13.80-E6-2,5	560,2	67,0	178	61141	32,8	5,10	D	46	150	47536	27,6	3,45	D	40
	SED-V/H-14.80-E1-2,5	420,1	50,3	164	78661	30,2	6,80	E	47	141	60662	25,9	4,60	D	41
	SED-V/H-14.80-E2-2,5	560,2	67,0	191	73940	35,2	6,80	E	47	160	56193	29,5	4,60	D	41
1x4	SED-V/H-14.80-E3-2,5	490,1	58,7	184	82285	33,9	6,80	E	47	158	64118	29,1	4,60	D	41
	SED-V/H-14.80-E4-2,5	653,5	78,2	214	78232	39,4	6,80	E	47	180	60247	33,2	4,60	D	41
	SED-V/H-14.80-E5-2,5	560,2	67,0	201	84955	37,0	6,80	E	47	173	66698	31,9	4,60	D	41
	SED-V/H-14.80-E6-2,5	746,9	89,4	236	78089	43,5	6,80	D	47	195	60155	36,0	4,60	D	41
	SED-V/H-15.80-E1-2,5	525,2	62,8	212	98326	39,0	8,50	E	48	181	75828	33,5	5,75	D	42
	SED-V/H-15.80-E2-2,5	700,2	83,8	246	92425	45,4	8,50	E	48	206	70241	38,0	5,75	D	42
1x5	SED-V/H-15.80-E3-2,5	612,7	117,5	243	98803	44,8	8,50	E	48	205	76231	37,8	5,75	D	42
	SED-V/H-15.80-E4-2,5	816,9	156,6	277	92962	51,1	8,50	E	48	228	70817	42,1	5,75	D	42
	SED-V/H-15.80-E5-2,5	700,2	134,3	266	102677	49,0	8,50	E	48	225	80032	41,5	5,75	D	42
	SED-V/H-15.80-E6-2,5	933,6	179,0	303	97611	55,9	8,50	D	48	251	75194	46,3	5,75	D	42
	SED-V/H-16.80-E1-2,5	630,2	120,8	267	112198	49,2	10,20	E	49	225	85810	41,5	6,90	D	43
	SED-V/H-16.80-E2-2,5	840,2	161,1	303	103972	55,8	10,20	E	49	247	77516	45,5	6,90	D	43
1x6	SED-V/H-16.80-E3-2,5	735,2	141,0	298	118563	55,0	10,20	E	49	252	91477	46,4	6,90	D	43
	SED-V/H-16.80-E4-2,5	980,3	188,0	340	111554	62,6	10,20	E	49	280	84980	51,6	6,90	D	43
	SED-V/H-16.80-E5-2,5	840,2	161,1	325	123213	59,9	10,20	E	49	275	96039	50,8	6,90	D	43
	SED-V/H-16.80-E6-2,5	1120,3	214,8	371	117133	68,3	10,20	E	49	307	90233	56,6	6,90	D	43
	SED-V/H-22.80-E1-2,5	420,1	50,3	164	78661	30,3	6,80	E	47	141	60662	26,0	4,60	E	41
	SED-V/H-22.80-E2-2,5	560,2	67,0	191	73940	35,3	6,80	E	47	160	56193	29,5	4,60	E	41
2x2	SED-V/H-22.80-E3-2,5	490,1	58,7	184	82285	33,9	6,80	E	47	158	64118	29,2	4,60	E	41
	SED-V/H-22.80-E4-2,5	653,5	78,2	214	78232	39,5	6,80	E	47	180	60247	33,2	4,60	D	41
	SED-V/H-22.80-E5-2,5	560,2	67,0	201	84955	37,1	6,80	E	47	173	66698	31,9	4,60	D	41
	SED-V/H-22.80-E6-2,5	746,9	89,4	234	81522	43,2	6,80	E	47	211	61906	38,9	4,60	D	41
	SED-V/H-23.80-E1-2,5	630,2	75,4	251	117991	46,2	10,20	E	49	198	63381	36,4	6,90	E	43
	SED-V/H-23.80-E2-2,5	840,2	100,5	292	110910	53,7	10,20	E	49	215	90993	39,6	6,90	E	43
2x3	SED-V/H-23.80-E3-2,5	735,2	88,0	280	123427	51,6	10,20	E	49	241	96177	44,4	6,90	E	43
	SED-V/H-23.80-E4-2,5	980,3	117,3	326	117348	60,0	10,20	E	49	274	90371	50,5	6,90	D	43
	SED-V/H-23.80-E5-2,5	840,2	100,5	290	127433	53,4	10,20	E	49	250	100048	46,0	6,90	E	43
	SED-V/H-23.80-E6-2,5	1120,3	134,1	351	122283	64,7	10,20	E	49	296	95071	54,5	6,90	D	43
	SED-V/H-24.80-E1-2,5	840,2	100,5	328	157322	60,5	13,60	E	50	281	121324	51,9	9,20	E	44
	SED-V/H-24.80-E2-2,5	1120,3	134,1	382	147880	70,4	13,60	E	50	320	112385	58,9	9,20	E	44
2x4	SED-V/H-24.80-E3-2,5	980,3	117,3	367	164569	67,7	13,60	E	50	316	128236	58,2	9,20	E	44
	SED-V/H-24.80-E4-2,5	1307,0	156,4	428	156463	78,9	13,60	E	50	360	120495	66,4	9,20	D	44
	SED-V/H-24.80-E5-2,5	1120,3	134,1	402	169910	74,1	13,60	E	50	346	133397	63,8	9,20	D	44
	SED-V/H-24.80-E6-2,5	1493,8	178,8	468	163044	86,3	13,60	E	50	395	126762	72,8	9,20	D	44
	SED-V/H-25.80-E1-2,5	1050,3	125,7	444	200824	81,8	17,00	E	51	381	155457	70,2	11,50	E	45
	SED-V/H-25.80-E2-2,5	1400,4	167,6	492	184850	90,7	17,00	E	51	412	140482	75,9	11,50	E	45
2x5	SED-V/H-25.80-F3-2,5	1225,4	146,6	472	205712	87,0	17,00	E	51	405	160295	74,7	11,50	E	45
	SED-V/H-25.80-F4-2,5	1633,8	195,5	548	207858	101,0	17,00	E	51	462	150619	85,1	11,50	D	45
	SED-V/H-25.80-F5-2,5	1470,4	282,0	626	198440	115,3	17,00	E	51	465	162599	85,7	11,50	D	45
	SED-V/H-25.80-F6-2,5	1960,6	376,0	597	237127	110,0	17,00	D	51	518	153153	95,5	11,50	D	45
	SED-V/H-26.80-F1-2,5	1260,4	241,7	534	224395	98,5	20,40	E	52	450	171619	82,9	13,80	E	46
	SED-V/H-26.80-F2-2,5	1680,5	322,2	632	207945	116,4	20,40	E	52	514	155031	94,7	13,80	D	46
2x6	SED-V/H-26.80-F3-2,5	1470,4	282,0	597	237127	110,0	20,40	E	52	504	182954	92,8	13,80	E	46
	SED-V/H-26.80-F4-2,5	1960,6	376,0	679	223108	125,2	20,40	E	52	560	169960	103,2	13,80	D	46
	SED-V/H-26.80-F5-2,5	1680,5	322,2	650	246425	119,9	20,40	E	52	551	192078	101,5	13,80	D	46
	SED-V/H-26.80-F6-2,5	2240,7	429,7	741	234266	136,6	20,40	D	52	614	180466	113,1	13,80	D	46

SARBUZ® SINCE 1974 HEAT EXCHANGERS

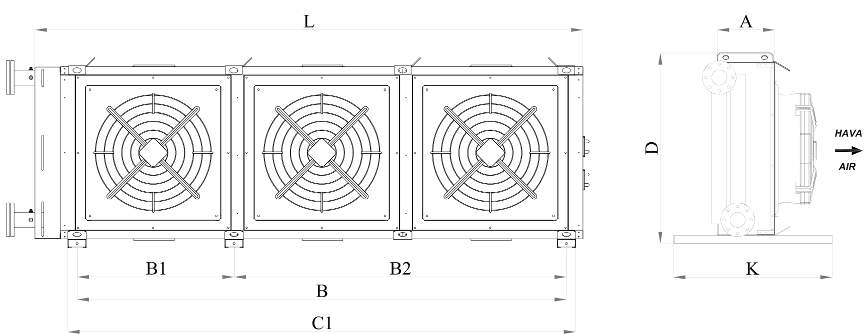
MODEL	Ölçüler Dimensions											Bağlantılar Connections	
	L	H	D	A	B	B1	B2	B3	C	G	K	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch
SED-V/H-12.80-E1-2,5	2650	1283	1322	400	2304	1132	-	1172	1272	600	1000	2″	2″
SED-V/H-12.80-E2-2,5	2650	1283	1322	400	2304	1132	-	1172	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E3-2,5	3050	1283	1322	400	2704	1332	-	1372	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E4-2,5	3050	1283	1322	400	2704	1332	-	1372	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E5-2,5	3450	1283	1322	400	3104	1532	-	1572	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-12.80-E6-2,5	3450	1283	1322	400	3104	1532	-	1572	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-13.80-E1-2,5	3850	1283	1322	400	3504	1132	1200	1172	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-13.80-E2-2,5	3850	1283	1322	400	3504	1132	1200	1172	1272	600	1000	3″	3″
SED-V/H-13.80-E3-2,5	4450	1283	1322	400	4104	1332	1400	1372	1272	600	1000	2 1/2″	2 1/2″
SED-V/H-13.80-E4-2,5	4450	1283	1322	400	4104	1332	1400	1372	1272	600	1000	3″	3″
SED-V/H-13.80-E5-2,5	5050	1283	1322	400	4704	1532	1600	1572	1272	600	1000	3″	3″
SED-V/H-13.80-E6-2,5	5050	1283	1322	400	4704	1532	1600	1572	1272	600	1000	3″	3″
SED-V/H-14.80-E1-2,5	5050	1333	1275	450	4704	1132	1200	1172	1225	600	1050	3″	3″
SED-V/H-14.80-E2-2,5	5050	1333	1275	450	4704	1132	1200	1172	1225	600	1050	3″	3″
SED-V/H-14.80-E3-2,5	5850	1333	1275	450	5504	1332	1400	1372	1225	600	1050	3″	3″
SED-V/H-14.80-E4-2,5	5850	1333	1275	450	5504	1332	1400	1372	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-14.80-E5-2,5	6650	1333	1275	450	6304	1532	1600	1572	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-14.80-E6-2,5	6650	1333	1275	450	6304	1532	1600	1572	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E1-2,5	6250	1333	1275	450	5904	1132	1200	1172	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E2-2,5	6250	1333	1275	450	5904	1132	1200	1172	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E3-2,5	7250	1333	1275	450	6904	1332	1400	1372	1225	600	1050	3 1/2″	3 1/2″
SED-V/H-15.80-E4-2,5	7250	1333	1275	450	6904	1332	1400	1372	1225	600	1050	4″	4″
SED-V/H-15.80-E5-2,5	8250	1333	1275	450	7904	1532	1600	1572	1225	600	1050	4″	4″
SED-V/H-15.80-E6-2,5	8250	1333	1275	450	7904	1532	1600	1572	1225	600	1050	4″	4″
SED-V/H-16.80-E1-2,5	7450	1333	1275	450	7104	1132	1200	1172	1225	600	1050	4″	4″
SED-V/H-16.80-E2-2,5	7450	1333	1275	450	7104	1132	1200	1172	1225	600	1050	4″	4″
SED-V/H-16.80-E3-2,5	8650	1333	1275	450	8304	1332	1400	1372	1225	600	1050	4″	4″
SED-V/H-16.80-E4-2,5	8650	1333	1275	450	8304	1332	1400	1372	1225	600	1050	5″	5″
SED-V/H-16.80-E5-2,5	9850	1333	1275	450	9504	1532	1600	1572	1225	600	1050	5″	5″
SED-V/H-16.80-E6-2,5	9850	1333	1275	450	9504	1532	1600	1572	1225	600	1050	5″	5″
SED-V/H-22.80-E1-2,5	2650	1483	2422	400	2304	1132	-	1172	2372	800	1200	3″	3″
SED-V/H-22.80-E2-2,5	2650	1483	2422	400	2304	1132	-	1172	2372	800	1200	3″	3″
SED-V/H-22.80-E3-2,5	3050	1483	2422	400	2704	1332	-	1372	2372	800	1200	3″	3″
SED-V/H-22.80-E4-2,5	3050	1483	2422	400	2704	1332	-	1372	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-22.80-E5-2,5	3450	1483	2422	400	3104	1532	-	1572	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-22.80-E6-2,5	3450	1483	2422	400	3104	1532	-	1572	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-23.80-E1-2,5	3850	1483	2422	400	3504	1132	1200	1172	2372	800	1200	3 1/2″	3 1/2″
SED-V/H-23.80-E2-2,5	3850	1483	2422	400	3504	1132	1200	1172	2372	800	1200	4″	4″
SED-V/H-23.80-E3-2,5	4450	1483	2422	400	4104	1332	1400	1372	2372	800	1200	4″	4″
SED-V/H-23.80-E4-2,5	4450	1483	2422	400	4104	1332	1400	1372	2372	800	1200	5″	5″
SED-V/H-23.80-E5-2,5	5050	1483	2422	400	4704	1532	1600	1572	2372	800	1200	4″	4″
SED-V/H-23.80-E6-2,5	5050	1483	2422	400	4704	1532	1600	1572	2372	800	1200	5″	5″
SED-V/H-24.80-E1-2,5	5050	1533	2422	450	4704	1132	1200	1172	2372	800	1250	5″	5″
SED-V/H-24.80-E2-2,5	5050	1533	2422	450	4704	1132	1200	1172	2372	800	1250	5″	5″
SED-V/H-24.80-E3-2,5	5850	1533	2422	450	5504	1332	1400	1372	2372	800	1250	5″	5″
SED-V/H-24.80-E4-2,5	5850	1533	2422	450	5504	1332	1400	1372	2372	800	1250	5″	5″
SED-V/H-24.80-E5-2,5	6650	1533	2422	450	6304	1532	1600	1572	2372	800	1250	5″	5″
SED-V/H-24.80-E6-2,5	6650	1533	2422	450	6304	1532	1600	1572	2372	800	1250	5″	5″
SED-V/H-25.80-E1-2,5	6250	1533	2422	450	5904	1132	1200	1172	2372	800	1250	5″	5″
SED-V/H-25.80-E2-2,5	6250	1533	2422	450	5904	1132	1200	1172	2372	800	1250	6″	6″
SED-V/H-25.80-E3-2,5	7250	1533	2422	450	6904	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-25.80-E4-2,5	7250	1533	2422	450	6904	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-25.80-E5-2,5	8650	1533	2422	450	8304	1612	1680	1652	2372	800	1250	6″	6″
SED-V/H-25.80-E6-2,5	8650	1533	2422	450	8304	1612	1680	1652	2372	800	1250	6″	6″
SED-V/H-26.80-E1-2,5	7450	1533	2422	450	7104	1132	1200	1172	2372	800	1250	6″	6″
SED-V/H-26.80-E2-2,5	7450	1533	2422	450	7104	1132	1200	1172	2372	800	1250	6″	6″
SED-V/H-26.80-E3-2,5	8650	1533	2422	450	8304	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-26.80-E4-2,5	8650	1533	2422	450	8304	1332	1400	1372	2372	800	1250	6″	6″
SED-V/H-26.80-E5-2,5	9850	1533	2422	450	9504	1532	1600	1572	2372	800	1250	6″	6″
SED-V/H-26.80-E6-2,5	9850	1533	2422	450	9504	1532	1600	1572	2372	800	1250	6″	6″

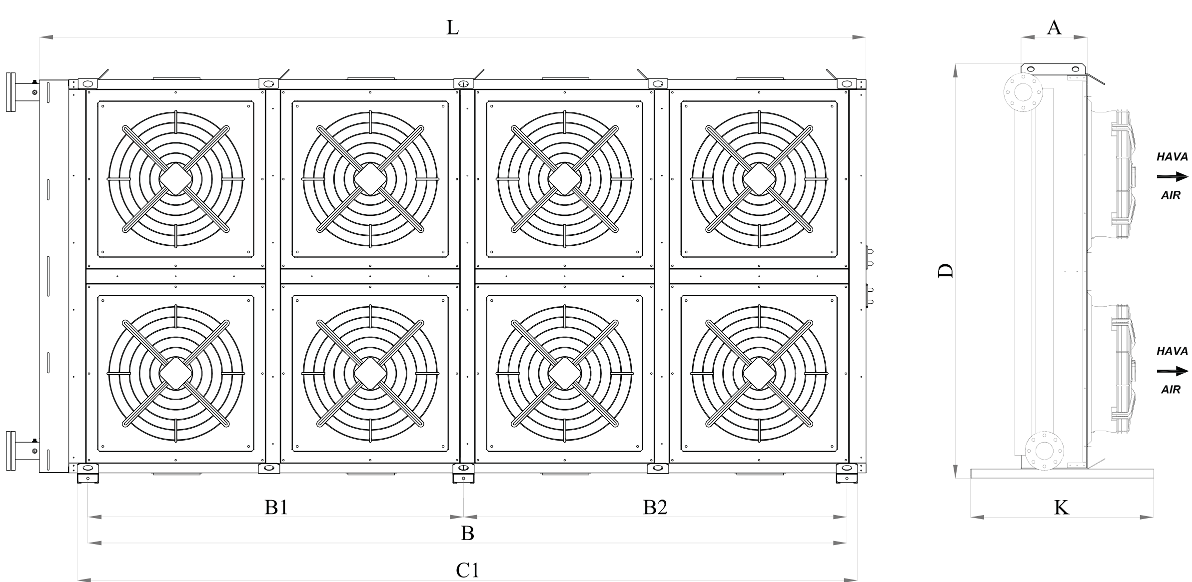
SED-H SERIES





SED-V SERIES





Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2", Ø5/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi çelik boruludur,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kuru soğutucular dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler akışkan giriş çıkış sıcaklığı Tin/out=40/35°C hava giriş sıcaklığı Tai= 25°C, deniz seviyesinde %30 glikollü olarak hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Adyabatik soğutucu ped,
• Bakır kollektör,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coils
• Copper tubes Ø1/2", Ø5/8",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of steel,
• Admissible pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -40°C up to +60/+655°C,
• Maximum start up recommended for motors is 6 per hour,
• Dry coolers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated that refer to an inlet/outlet fluid flow temperature Tc= 40/35°C at and air inlet temperature Tai= 25°C, 30% glycol rate,
• Capacities are calculated for difference noise levels

Options
• Two refrigerant circuit,
• Adiabatic cooler pad,
• Copper header,
• Different casing color,
• Three phase 400V 3~50Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Repair Switch,

36 - 1238 kW

SVD V Type Dry Coolers

SVD V Tip Kuru Soğutucular

SVD Series

SARBUZ SVD Serisi V Tipi kuru ve ıslak/kuru soğutucular, müşterinin ihtiyaçları doğrultusunda Ø500, Ø630 ve Ø 800 fanlı olarak tasarlanmaktadır.

SARBUZ SVD Series V Type Dry Cooler, SVD series dry and wet/dry coolers are designed with Ø500, Ø630 and Ø800 fan diameters, according to costumers' needs.

Ürün Kodlama
Product Classification

SVD-13.50-E2-2,5-N

Endüstriyel kuru soğutucu
Industrial dry cooler — **SVD-**

Fan dizilimi 1 x 3
1 Rows, 3 fans per row — **13.**

Fan çapı
Fan diameter — **50-**

Batarya kodu
Coil code — **E2-**

Hatve (2,1 mm - 2,5 mm)
Fin Spacing (2,1 mm - 2,5 mm) — **2,5-**

Normal ses seviyesi
Normal noise level — **N**

Düşük ses seviyesi
Low noise level — **L**

SVD V Tip Kuru Soğutucular / SVD V Type Dry Coolers

Kapasite / Capacity

Lamel Aralığı / Fin Spacing 2,1 mm

FAN: Ø500 mm

			SVD .... N 1~ 230V 50Hz 1400 rpm						SVD .... L 3~ 400V - Δ 50Hz 930 rpm					
	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Kapasite / Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi / Air Flow	Akışkan Debisi / Fluid Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Enery Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	Kapasite / Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi / Air Flow	Akışkan Debisi / Fluid Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Enery Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	kW	m³/h	m³/h	kW	A+ - E	dB(A)	kW	m³/h	m³/h	kW	A+ - E	dB(A)
1x2	SVD-12.50-E1-2,1	221,2	53	18030	9,8	1,22	D	44	39	11770	7,2	0,40	C	35
	SVD-12.50-E2-2,1	295,0	62	17530	11,4	1,26	D	44	45	11480	8,2	0,42	C	35
1x3	SVD-13.50-E1-2,1	331,9	84	27040	15,4	1,83	D	46	61	17650	11,3	0,60	C	37
	SVD-13.50-E2-2,1	442,5	94	26290	17,3	1,90	D	46	68	17230	12,5	0,63	C	37
1x4	SVD-14.50-E1-2,1	442,5	110	36060	20,3	2,44	D	47	81	23530	14,9	0,80	C	38
	SVD-14.50-E2-2,1	590,0	124	35060	22,8	2,53	D	47	89	22970	16,4	0,84	C	38
2x2	SVD-22.50-E1-2,1	265,5	83	32310	15,3	2,44	E	50	63	21170	11,5	0,80	C	41
	SVD-22.50-E2-2,1	354,0	97	30400	17,9	2,53	D	47	71	19810	13,1	0,84	C	38
2x3	SVD-23.50-E1-2,1	398,2	124	48460	22,9	3,66	E	49	94	31760	17,3	1,20	C	40
	SVD-23.50-E2-2,1	531,0	148	45600	27,2	3,79	D	49	108	29710	19,9	1,26	C	40
2x4	SVD-24.50-E1-2,1	531,0	172	64610	31,7	4,88	E	50	130	42350	24,0	1,60	C	41
	SVD-24.50-E2-2,1	708,0	194	60800	35,8	5,06	D	50	142	39610	26,2	1,68	C	41

Lamel Aralığı / Fin Spacing 2,5 mm

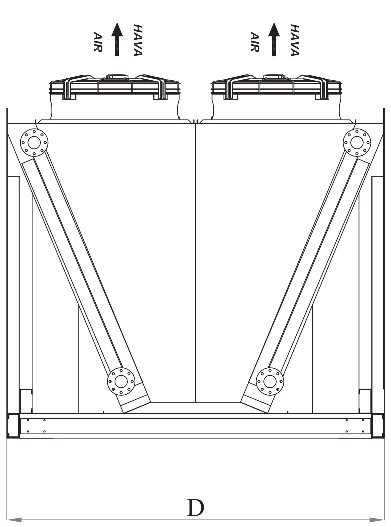
FAN: Ø500 mm

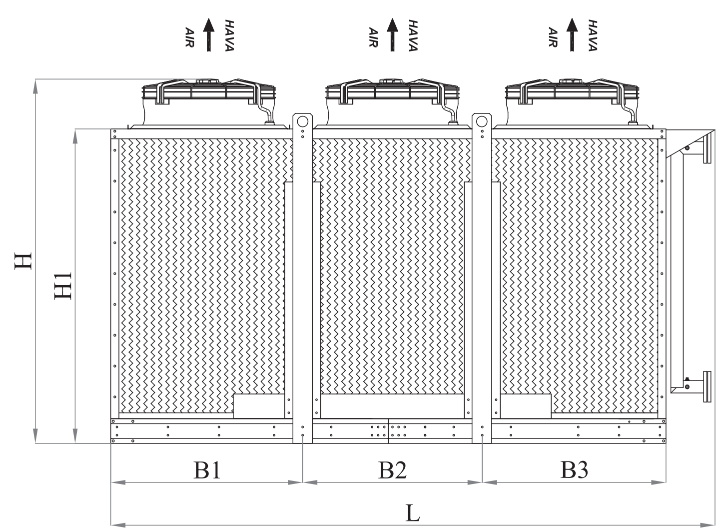
			SVD .... N 1~ 230V 50Hz 1400 rpm						SVD .... L 3~ 400V - Δ 50Hz 930 rpm					
	Model	Isı Transfer Yüzeyi / Heat Transfer Surface	Kapasite / Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi / Air Flow	Akışkan Debisi / Fluid Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Enery Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m	Kapasite / Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi / Air Flow	Akışkan Debisi / Fluid Flow	Fan Elektrik Gücü / Power Consumption P_{el} Total	Enerji Sınıfı / Enery Efficiency Class	Ses Seviyesi / Sound Pressure Level 10 m
		m²	kW	m³/h	m³/h	kW	A+ - E	dB(A)	kW	m³/h	m³/h	kW	A+ - E	dB(A)
1x2	SVD-12.50-E1-2,5	187,2	48	18180	8,9	1,22	D	44	36	11860	7	0,40	C	35
	SVD-12.50-E2-2,5	249,5	58	17730	10,7	1,26	D	44	42	11600	8	0,42	C	35
1x3	SVD-13.50-E1-2,5	280,7	77	27280	14,1	1,83	D	46	57	17790	10	0,60	C	37
	SVD-13.50-E2-2,5	374,3	88	26600	16,2	1,90	D	46	64	17400	12	0,63	C	37
1x4	SVD-14.50-E1-2,5	374,3	101	36370	18,6	2,44	D	47	75	23720	14	0,80	C	38
	SVD-14.50-E2-2,5	499,1	116	35460	21,3	2,53	D	47	84	23200	16	0,84	C	38
2x2	SVD-22.50-E1-2,5	224,6	75	32900	13,9	2,44	E	50	58	21600	11	0,80	C	41
	SVD-22.50-E2-2,5	299,4	91	31150	16,7	2,53	E	47	67	20330	12	0,84	C	38
2x3	SVD-23.50-E1-2,5	336,9	113	49350	20,8	3,66	E	49	86	32400	16	1,20	C	40
	SVD-23.50-E2-2,5	449,2	138	46730	25,3	3,79	E	49	102	30490	19	1,26	C	40
2x4	SVD-24.50-E1-2,5	449,2	157	65800	28,9	4,88	E	50	120	43200	22	1,60	C	41
	SVD-24.50-E2-2,5	598,9	181	62300	33,3	5,06	E	50	134	40650	25	1,68	C	41

Lamel Aralığı / Fin Spacing **2,1 mm / 2,5 mm**

MODEL	Boru Hacmi Tube Volume	Ölçüler Dimensions							Bağlantılar Connections	
		L	H	H1	D	B1	B2	B3	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch
SVD-12.50-E1	25,0	1900	1066	940	970	825	-	675	1 1/4″	1 1/4″
SVD-12.50-E2	33,3	1900	1066	940	970	825	-	675	1 1/4″	1 1/4″
SVD-13.50-E1	37,5	2650	1066	940	970	825	750	675	1 1/4″	1 1/4″
SVD-13.50-E2	50,0	2650	1066	940	970	825	750	675	1 1/4″	1 1/4″
SVD-14.50-E1	50,0	3400	1066	940	970	825	750	675	1 1/2″	1 1/2″
SVD-14.50-E2	66,7	3400	1066	940	970	825	750	675	1 1/2″	1 1/2″
SVD-22.50-E1	30,0	1900	1306	1180	1500	825	750	675	1 1/4″	1 1/4″
SVD-22.50-E2	40,0	1900	1306	1180	1500	825	750	675	1 1/2″	1 1/2″
SVD-23.50-E1	45,0	2650	1306	1180	1500	825	750	675	2″	2″
SVD-23.50-E2	60,0	2650	1306	1180	1500	825	750	675	2″	2″
SVD-24.50-E1	60,0	3400	1306	1180	1500	825	750	675	2 1/2″	2 1/2″
SVD-24.50-E2	80,0	3400	1306	1180	1500	825	750	675	2 1/2″	2 1/2″

Teknik Çizim / Technical Drawing





SVD V Tip Kuru Soğutucular / SVD V Type Dry Coolers

Kapasite / Capacity

Lamel Aralığı / Fin Spacing **2,1 mm**

FAN: Ø800 mm

			SVD .... N 1~ 230V 50Hz 895 rpm						**SVD .... L** 3~ 400V - Δ 50Hz 685 rpm					
	Model	**Isı Transfer Yüzeyi Heat Transfer Surface**	**Kapasite Capacity Ta=25°C, Tin/out=40/35°C** Δt=15K	**Hava Debisi Air Flow**	**Akışkan Debisi Fluid Flow**	**Fan Elektrik Gücü Power Consumption** P_{el} Total	**Enerji Sınıfı Enery Efficiency Class**	**Ses Seviyesi Sound Pressure Level** 10 m	**Kapasite Capacity Ta=25°C, Tin/out=40/35°C** Δt=15K	**Hava Debisi Air Flow**	**Akışkan Debisi Fluid Flow**	**Fan Elektrik Gücü Power Consumption** P_{el} Total	**Enerji Sınıfı Enery Efficiency Class**	**Ses Seviyesi Sound Pressure Level** 10 m
		m²	kW	m³/h	m³/h	kW	A+ - E	dB(A)	kW	m³/h	m³/h	kW	A+ - E	dB(A)
	SVD-12.80-E1-2,1	472,0	130	44860	24,0	3,40	D	44	112	36110	20,7	2,24	D	38
	SVD-12.80-E2-2,1	629,3	148	43550	27,3	3,60	D	44	124	34410	22,9	2,28	D	38
1x2	SVD-12.80-E3-2,1	566,4	143	46030	26,4	3,30	D	44	123	37220	22,7	2,22	D	38
	SVD-12.80-E4-2,1	755,2	162	44960	29,8	3,40	D	44	137	36160	25,2	2,26	D	38
	SVD-12.80-E5-2,1	660,8	148	46820	27,2	3,20	D	44	127	37960	23,4	2,20	D	38
	SVD-12.80-E6-2,1	881,0	166	45930	30,6	3,30	D	44	141	37130	25,9	2,24	D	38
	SVD-13.80-E1-2,1	708,0	195	67290	37,5	5,10	D	46	168	54170	31,0	3,36	D	40
	SVD-13.80-E2-2,1	943,9	222	65330	40,9	5,40	D	46	186	51610	34,3	3,42	D	40
1x3	SVD-13.80-E3-2,1	849,5	215	69040	39,6	4,95	D	46	185	55830	34,0	3,33	D	40
	SVD-13.80-E4-2,1	1132,7	243	67440	44,7	5,10	D	46	205	54240	37,8	3,39	D	40
	SVD-13.80-E5-2,1	991,1	224	70230	41,3	4,80	D	46	193	56940	35,5	3,30	D	40
	SVD-13.80-E6-2,1	1321,5	259	68900	47,7	4,95	D	46	219	55690	40,3	3,36	D	40
	SVD-14.80-E1-2,1	943,9	260	89720	48,0	6,80	D	47	224	72230	41,4	4,48	D	41
	SVD-14.80-E2-2,1	1258,6	296	87100	54,6	7,20	D	47	248	68820	45,8	4,56	D	41
1x4	SVD-14.80-E3-2,1	1132,7	286	92060	52,8	6,60	D	47	246	74440	45,4	4,44	D	41
	SVD-14.80-E4-2,1	1510,3	324	89910	59,7	6,80	D	47	273	72320	50,4	4,52	D	41
	SVD-14.80-E5-2,1	1321,5	307	93630	56,6	6,40	D	47	264	75910	48,6	4,40	D	41
	SVD-14.80-E6-2,1	1762,0	345	91870	63,6	6,60	D	47	292	74260	53,8	4,48	D	41
	SVD-15.80-E1-2,1	1179,9	333	112150	61,4	8,50	D	48	287	90280	52,9	5,60	D	42
	SVD-15.80-E2-2,1	1573,2	378	108880	69,7	9,00	D	48	317	86020	58,4	5,70	D	42
1x5	SVD-15.80-E3-2,1	1415,9	351	115070	64,7	8,25	D	48	302	93050	55,6	5,55	D	42
	SVD-15.80-E4-2,1	1887,9	411	112390	75,8	8,50	D	48	348	90400	64,1	5,65	D	42
	SVD-15.80-E5-2,1	1651,9	378	117040	69,6	8,00	D	48	324	94890	59,8	5,50	D	42
	SVD-15.80-E6-2,1	2202,5	438	114840	80,7	8,25	D	48	370	92820	68,2	5,60	D	42
	SVD-16.80-E1-2,1	1415,9	390	134580	71,9	10,20	D	49	336	108340	62,0	6,72	D	43
	SVD-16.80-E2-2,1	1887,9	443	130650	81,7	10,80	D	49	372	103230	68,5	6,84	D	43
1x6	SVD-16.80-E3-2,1	1699,1	429	138090	79,1	9,90	D	49	369	111660	68,0	6,66	D	43
	SVD-16.80-E4-2,1	2265,5	485	134870	89,4	10,20	D	49	410	108480	75,6	6,78	D	43
	SVD-16.80-E5-2,1	1982,3	461	140450	84,9	9,60	D	49	395	113870	72,9	6,60	D	43
	SVD-16.80-E6-2,1	2643,0	518	137800	95,4	9,90	D	49	438	111380	80,6	6,72	D	43
	SVD-22.80-E1-2,1	649,0	218	83330	40,2	6,80	E	47	186	65180	34	4,48	D	41
	SVD-22.80-E2-2,1	865,3	249	79610	45,9	7,20	E	47	208	61540	38	4,56	D	41
2x2	SVD-22.80-E3-2,1	778,8	232	86770	42,7	6,60	E	47	198	68450	36	4,44	D	41
	SVD-22.80-E4-2,1	1038,3	277	83570	51,1	6,80	D	47	232	65410	42,8	4,52	D	41
	SVD-22.80-E5-2,1	908,5	254	89200	46,8	6,40	E	47	219	71490	40,3	4,40	D	41
	SVD-22.80-E6-2,1	1211,4	289	86480	53,3	6,60	D	47	242	68170	44,7	4,48	D	41
	SVD-23.80-E1-2,1	973,4	327	125000	60,2	10,20	E	49	279	97770	51,4	6,72	D	43
	SVD-23.80-E2-2,1	1297,9	374	119420	68,9	10,80	E	49	311	92310	57,4	6,84	D	43
2x3	SVD-23.80-E3-2,1	1168,1	353	130150	65,1	9,90	E	49	302	102670	55,6	6,66	D	43
	SVD-23.80-E4-2,1	1557,5	416	125360	76,7	10,20	D	49	348	98110	64,1	6,78	D	43
	SVD-23.80-E5-2,1	1817,1	386	133800	71,2	9,60	E	49	332	107240	61,2	6,60	D	43
	SVD-23.80-E6-2,1	1817,1	439	129720	80,9	9,90	D	49	368	102260	67,8	6,72	D	43
	SVD-24.80-E1-2,1	1297,9	435	166670	80,2	13,60	E	50	371	130360	68,5	8,96	D	44
	SVD-24.80-E2-2,1	1730,6	498	159230	91,7	14,40	E	50	415	123080	76,5	9,12	D	44
2x4	SVD-24.80-E3-2,1	1557,5	462	173530	85,2	13,20	E	50	395	136900	72,8	8,88	D	44
	SVD-24.80-E4-2,1	2076,7	554	167140	102,2	13,60	D	50	464	130820	85,5	9,04	D	44
	SVD-24.80-E5-2,1	1817,1	507	178400	93,5	12,80	E	50	436	142980	80,4	8,80	D	44
	SVD-24.80-E6-2,1	2422,8	577	172960	106,4	13,20	D	50	484	136350	89,2	8,96	D	44
	SVD-25.80-E1-2,1	1622,4	530	208330	97,8	17,00	E	51	453	162940	83,5	11,20	D	45
	SVD-25.80-E2-2,1	2163,2	607	199040	111,9	18,00	E	51	506	153840	93,4	11,40	D	45
2x5	SVD-25.80-E3-2,1	1946,9	596	216920	109,8	16,50	E	51	509	171120	93,8	11,10	D	45
	SVD-25.80-E4-2,1	2595,8	681	208930	125,6	17,00	D	51	570	163520	105,1	11,30	D	45
	SVD-25.80-E5-2,1	2271,4	651	223000	120,0	16,00	D	51	559	178730	103,1	11,00	D	45
	SVD-25.80-E6-2,1	3028,5	740	216200	136,3	16,50	D	51	619	170430	114,2	11,20	D	45
	SVD-26.80-E1-2,1	1946,9	652	250000	120,3	20,40	E	52	557	195530	102,6	13,44	D	46
	SVD-26.80-E2-2,1	2595,8	746	238840	137,5	21,60	E	52	622	184610	114,6	13,68	D	46
2x6	SVD-26.80-E3-2,1	2336,3	730	260300	134,5	19,80	E	52	623	205350	114,8	13,32	D	46
	SVD-26.80-E4-2,1	3115,0	831	250720	153,2	20,40	D	52	695	196220	128,2	13,56	D	46
	SVD-26.80-F5-2,1	2725,6	811	260870	149,6	19,20	D	52	684	206180	126,1	13,20	D	46
	SVD-26.80-F6-2,1	3634,2	936	251570	172,6	19,80	D	52	772	197050	142,3	13,44	D	46
	SVD-27.80-F1-2,1	2271,4	859	291330	158,3	23,80	E	53	722	227640	133,1	15,68	D	47
	SVD-27.80-F2-2,1	3028,5	883	265300	162,7	25,20	E	53	723	203450	133,3	15,96	D	47
2x7	SVD-27.80-F3-2,1	2725,6	884	294670	162,9	23,10	E	53	743	230860	137,0	15,54	D	47
	SVD-27.80-F4-2,1	3634,2	989	282320	182,3	23,80	D	53	813	218610	149,8	15,82	D	47
	SVD-27.80-F5-2,1	3179,9	961	304350	177,1	22,40	D	53	810	240540	149,3	15,40	D	47
	SVD-27.80-F6-2,1	4239,9	1062	292170	195,7	23,10	D	53	876	228610	161,5	15,68	D	47
	SVD-28.80-F1-2,1	2595,8	919	321510	169,3	27,20	E	53	769	248730	141,8	17,92	D	47
	SVD-28.80-F2-2,1	3461,1	1025	303200	188,9	28,80	E	53	839	232510	154,7	18,24	D	47
2x8	SVD-28.80-F3-2,1	3115,0	1024	336770	188,7	26,40	E	53	861	263840	158,6	17,76	D	47
	SVD-28.80-F4-2,1	4153,4	1145	322650	211,0	27,20	D	53	940	249840	173,2	18,08	D	47
	SVD-28.80-F5-2,1	3634,2	1111	347830	204,8	25,60	D	53	936	274900	172,5	17,60	D	47
	SVD-28.80-F6-2,1	4845,6	1238	335430	228,3	26,40	D	53	1022	262740	188,3	17,92	D	47

MODEL	Boru Hacmi Tube Volume	Ölçüler Dimensions							Bağlantılar Connections	
		L	H	H1	D	B1	B2	B3	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch
SVD-12.80-E1-2,1	53,3	2400	1693	1410	1385	1075	-	925	1 1/2″	1 1/2″
SVD-12.80-E2-2,1	71,1	2400	1693	1410	1385	1075	-	925	2″	2″
SVD-12.80-E3-2,1	64,0	2800	1693	1410	1385	1275	-	1125	2″	2″
SVD-12.80-E4-2,1	85,4	2800	1693	1410	1385	1275	-	1125	2″	2″
SVD-12.80-E5-2,1	74,7	3200	1693	1410	1385	1475	-	1325	2″	2″
SVD-12.80-E6-2,1	99,6	3200	1693	1410	1385	1475	-	1325	2″	2″
SVD-13.80-E1-2,1	80,0	3400	1693	1410	1385	1075	1000	925	2 1/2″	2 1/2″
SVD-13.80-E2-2,1	106,7	3400	1693	1410	1385	1075	1000	925	2 1/2″	2 1/2″
SVD-13.80-E3-2,1	96,0	4000	1693	1410	1385	1275	1200	1125	2 1/2″	2 1/2″
SVD-13.80-E4-2,1	128,0	4000	1693	1410	1385	1275	1200	1125	2 1/2″	2 1/2″
SVD-13.80-E5-2,1	112,0	4600	1693	1410	1385	1475	1400	1325	2 1/2″	2 1/2″
SVD-13.80-E6-2,1	149,4	4600	1693	1410	1385	1475	1400	1325	2 1/2″	2 1/2″
SVD-14.80-E1-2,1	106,7	4400	1598	1315	1350	1075	1000	925	2 1/2″	2 1/2″
SVD-14.80-E2-2,1	142,3	4400	1598	1315	1350	1075	1000	925	3″	3″
SVD-14.80-E3-2,1	128,0	5200	1598	1315	1350	1275	1200	1125	3″	3″
SVD-14.80-E4-2,1	170,7	5200	1598	1315	1350	1275	1200	1125	3″	3″
SVD-14.80-E5-2,1	149,4	6000	1598	1315	1350	1475	1400	1325	3″	3″
SVD-14.80-E6-2,1	199,2	6000	1598	1315	1350	1475	1400	1325	3″	3″
SVD-15.80-E1-2,1	133,4	5400	1598	1315	1350	1075	1000	925	3″	3″
SVD-15.80-E2-2,1	177,8	5400	1598	1315	1350	1075	1000	925	3″	3″
SVD-15.80-E3-2,1	160,0	6400	1598	1315	1350	1275	1200	1125	3″	3″
SVD-15.80-E4-2,1	213,4	6400	1598	1315	1350	1275	1200	1125	3 1/2″	3 1/2″
SVD-15.80-E5-2,1	186,7	7400	1598	1315	1350	1475	1400	1325	3 1/2″	3 1/2″
SVD-15.80-E6-2,1	249,0	7400	1598	1315	1350	1475	1400	1325	3 1/2″	3 1/2″
SVD-16.80-E1-2,1	160,0	6400	1598	1315	1350	1075	1000	925	3 1/2″	3 1/2″
SVD-16.80-E2-2,1	213,4	6400	1598	1315	1350	1075	1000	925	3 1/2″	3 1/2″
SVD-16.80-E3-2,1	192,1	7600	1598	1315	1350	1275	1200	1125	3 1/2″	3 1/2″
SVD-16.80-E4-2,1	256,1	7600	1598	1315	1350	1275	1200	1125	3 1/2″	3 1/2″
SVD-16.80-E5-2,1	224,1	8800	1598	1315	1350	1475	1400	1325	3 1/2″	3 1/2″
SVD-16.80-E6-2,1	298,8	8800	1598	1315	1350	1475	1400	1325	4″	4″
SVD-22.80-E1-2,1	73,4	2400	2207	1924	2310	1075	-	925	2 1/2″	2 1/2″
SVD-22.80-E2-2,1	97,8	2400	2207	1924	2310	1075	-	925	2 1/2″	2 1/2″
SVD-22.80-E3-2,1	88,0	2800	2207	1924	2310	1275	-	1125	2 1/2″	2 1/2″
SVD-22.80-E4-2,1	117,4	2800	2207	1924	2310	1275	-	1125	3″	3″
SVD-22.80-E5-2,1	102,7	3200	2207	1924	2310	1475	-	1325	3″	3″
SVD-22.80-E6-2,1	136,9	3200	2207	1924	2310	1475	-	1325	3″	3″
SVD-23.80-E1-2,1	110,0	3400	2207	1924	2310	1075	1000	925	3″	3″
SVD-23.80-E2-2,1	146,7	3400	2207	1924	2310	1075	1000	925	3″	3″
SVD-23.80-E3-2,1	132,0	4000	2207	1924	2310	1275	1200	1125	3″	3″
SVD-23.80-E4-2,1	176,1	4000	2207	1924	2310	1275	1200	1125	3 1/2″	3 1/2″
SVD-23.80-E5-2,1	205,4	4600	2207	1924	2310	1475	1400	1325	3 1/2″	3 1/2″
SVD-23.80-E6-2,1	205,4	4600	2207	1924	2310	1475	1400	1325	3 1/2″	3 1/2″
SVD-24.80-E1-2,1	146,7	4400	2207	1924	2310	1075	1000	925	3 1/2″	3 1/2″
SVD-24.80-E2-2,1	195,6	4400	2207	1924	2310	1075	1000	925	3 1/2″	3 1/2″
SVD-24.80-E3-2,1	176,1	5200	2207	1924	2310	1275	1200	1125	3 1/2″	3 1/2″
SVD-24.80-E4-2,1	234,7	5200	2207	1924	2310	1275	1200	1125	4″	4″
SVD-24.80-E5-2,1	205,4	6000	2207	1924	2310	1475	1400	1325	4″	4″
SVD-24.80-E6-2,1	273,9	6000	2207	1924	2310	1475	1400	1325	4″	4″
SVD-25.80-E1-2,1	183,4	5400	2207	1924	2310	1075	1000	925	4″	4″
SVD-25.80-E2-2,1	244,5	5400	2207	1924	2310	1075	1000	925	4″	4″
SVD-25.80-E3-2,1	220,1	6400	2207	1924	2310	1275	1200	1125	4″	4″
SVD-25.80-E4-2,1	440,7	6400	2207	1924	2310	1275	1200	1125	5″	5″
SVD-25.80-E5-2,1	385,6	7400	2207	1924	2310	1475	1400	1325	5″	5″
SVD-25.80-E6-2,1	514,2	7400	2207	1924	2310	1475	1400	1325	5″	5″
SVD-26.80-E1-2,1	330,5	6400	2207	1924	2310	1075	1000	925	5″	5″
SVD-26.80-E2-2,1	440,7	6400	2207	1924	2310	1075	1000	925	5″	5″
SVD-26.80-E3-2,1	396,6	7600	2207	1924	2310	1275	1200	1125	5″	5″
SVD-26.80-E4-2,1	528,9	7600	2207	1924	2310	1275	1200	1125	5″	5″
SVD-26.80-F5-2,1	462,8	8800	2207	1924	2310	1475	1400	1325	5″	5″
SVD-26.80-F6-2,1	617,0	8800	2207	1924	2310	1475	1400	1325	5″	5″
SVD-27.80-F1-2,1	385,6	7400	2207	1924	2310	1075	1000	925	6″	6″
SVD-27.80-F2-2,1	514,2	7400	2207	1924	2310	1075	1000	925	6″	6″
SVD-27.80-F3-2,1	462,8	8800	2207	1924	2310	1275	1200	1125	6″	6″
SVD-27.80-F4-2,1	617,0	8800	2207	1924	2310	1275	1200	1125	6″	6″
SVD-27.80-F5-2,1	539,9	10200	2207	1924	2310	1475	1400	1325	6″	6″
SVD-27.80-F6-2,1	719,8	10200	2207	1924	2310	1475	1400	1325	6″	6″
SVD-28.80-F1-2,1	440,7	8400	2207	1924	2310	1075	1000	925	6″	6″
SVD-28.80-F2-2,1	587,6	8400	2207	1924	2310	1075	1000	925	6″	6″
SVD-28.80-F3-2,1	528,9	10000	2207	1924	2310	1275	1200	1125	6″	6″
SVD-28.80-F4-2,1	705,1	10000	2207	1924	2310	1275	1200	1125	6″	6″
SVD-28.80-F5-2,1	617,0	11600	2207	1924	2310	1475	1400	1325	6″	6″
SVD-28.80-F6-2,1	822,7	11600	2207	1924	2310	1475	1400	1325	6″	6″

SVD V Tip Kuru Soğutucular / SVD V Type Dry Coolers

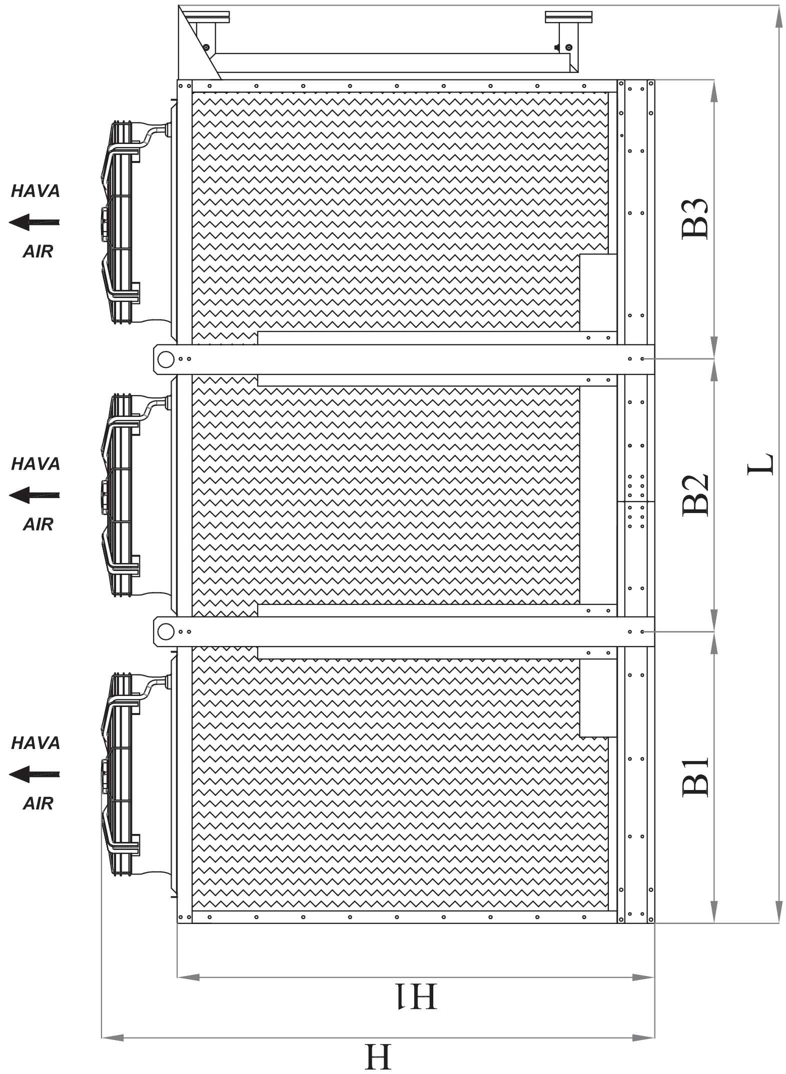
Kapasite / Capacity

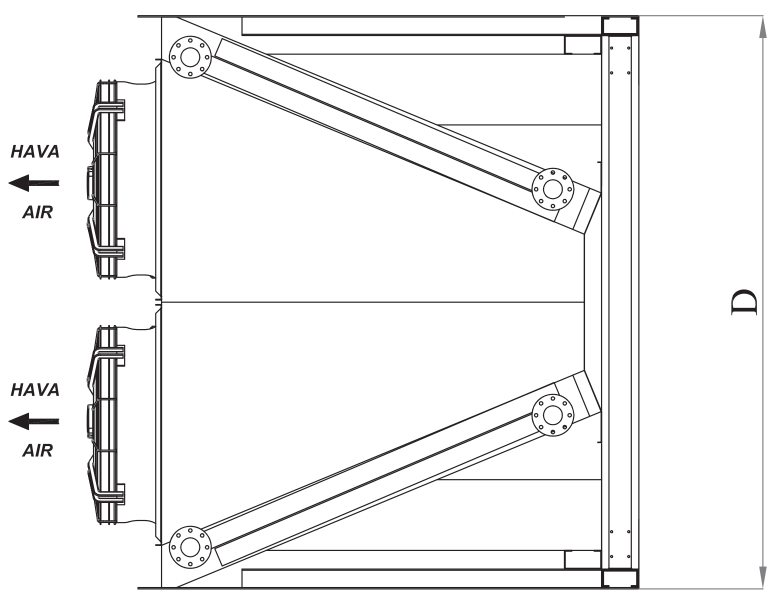
Lamel Aralığı / Fin Spacing **2,5 mm**

FAN: Ø800 mm			SVD .... N 3~ 400V - Δ 50Hz 895 rpm						SVD .... L 3~ 400V - Y 50Hz 685 rpm					
	Model	Isı Transfer Yüzeyi Heat Transfer Surface	Kapasite Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi Air Flow	Akışkan Debisi Fluid Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m	Kapasite Capacity Ta=25°C, Tin/out=40/35°C Δt=15K	Hava Debisi Air Flow	Akışkan Debisi Fluid Flow	Fan Elektrik Gücü Power Consumption P_{el} Total	Enerji Sınıfı Enery Efficiency Class	Ses Seviyesi Sound Pressure Level 10 m
		m²	kW	m³/h	m³/h	kW	A+ - E	dB(A)	kW	m³/h	m³/h	kW	A+ - E	dB(A)
	SVD-12.80-E1-2,5	399,3	119	45290	21,9	3,40	E	44	103	36530	19,0	2,24	D	38
	SVD-12.80-E2-2,5	532,4	138	44070	25,4	3,60	D	44	117	34920	21,5	2,28	D	38
1x2	SVD-12.80-E3-2,5	479,1	131	46360	24,2	3,30	D	44	114	37540	21,0	2,22	D	38
	SVD-12.80-E4-2,5	638,8	151	45390	27,8	3,40	D	44	129	36570	23,7	2,26	D	38
	SVD-12.80-E5-2,5	559,0	136	47100	25,0	3,20	D	44	117	38230	21,6	2,20	D	38
	SVD-12.80-E6-2,5	745,3	155	46290	28,6	3,30	D	44	132	37450	24,4	2,24	D	38
	SVD-13.80-E1-2,5	598,9	195	67940	32,9	5,10	D	46	155	54790	28,5	3,36	D	40
	SVD-13.80-E2-2,5	798,5	206	66110	38,0	5,40	D	46	175	52370	32,2	3,42	D	40
1x3	SVD-13.80-E3-2,5	718,7	197	69550	36,3	4,95	D	46	170	56310	31,4	3,33	D	40
	SVD-13.80-E4-2,5	958,2	226	68080	41,7	5,10	D	46	193	54860	35,6	3,39	D	40
	SVD-13.80-E5-2,5	838,5	206	70650	38,0	4,80	D	46	178	57350	32,8	3,30	D	40
	SVD-13.80-E6-2,5	1117,9	242	69440	44,7	4,95	D	46	206	56180	38,1	3,36	D	40
	SVD-14.80-E1-2,5	798,5	238	90580	43,8	6,80	E	47	206	73060	38,0	4,48	D	41
	SVD-14.80-E2-2,5	1064,7	275	88150	50,8	7,20	D	47	233	69830	43,0	4,56	D	41
1x4	SVD-14.80-E3-2,5	958,2	262	92730	48,3	6,60	D	47	227	75080	41,9	4,44	D	41
	SVD-14.80-E4-2,5	1277,7	302	90770	55,6	6,80	D	47	257	73150	47,4	4,52	D	41
	SVD-14.80-E5-2,5	1117,9	282	94210	52,0	6,40	D	47	244	76470	45,0	4,40	D	41
	SVD-14.80-E6-2,5	1490,6	323	92580	59,5	6,60	D	47	275	74900	50,7	4,48	D	41
	SVD-15.80-E1-2,5	998,2	304	113230	56,1	8,50	E	48	264	91320	48,7	5,60	D	42
	SVD-15.80-E2-2,5	1330,9	352	110190	64,8	9,00	D	48	297	87290	54,8	5,70	D	42
1x5	SVD-15.80-E3-2,5	1197,8	321	115910	59,2	8,25	D	48	278	93860	51,3	5,55	D	42
	SVD-15.80-E4-2,5	1597,1	384	113470	70,8	8,50	D	48	327	91440	60,3	5,65	D	42
	SVD-15.80-E5-2,5	1397,4	347	117760	64,0	8,00	D	48	300	95580	55,3	5,50	D	42
	SVD-15.80-E6-2,5	1863,2	410	115730	75,6	8,25	D	48	349	93630	64,3	5,60	D	42
	SVD-16.80-E1-2,5	1197,8	356	135870	65,7	10,20	E	49	309	109590	57,0	6,72	D	43
	SVD-16.80-E2-2,5	1597,1	412	132220	76,0	10,80	D	49	349	104750	64,3	6,84	D	43
1x6	SVD-16.80-E3-2,5	1437,4	393	139090	72,4	9,90	D	49	340	112630	62,7	6,66	D	43
	SVD-16.80-E4-2,5	1916,5	452	136160	83,4	10,20	D	49	386	109720	71,1	6,78	D	43
	SVD-16.80-E5-2,5	1676,9	423	141310	78,0	9,60	D	49	366	114700	67,4	6,60	D	43
	SVD-16.80-E6-2,5	2235,9	485	138880	89,3	9,90	D	49	413	112350	76,1	6,72	D	43
	SVD-22.80-E1-2,5	549,0	198	84570	36,5	6,80	E	47	171	66420	31,4	4,48	D	41
	SVD-22.80-E2-2,5	732,0	231	81090	42,5	7,20	E	47	194	62920	35,8	4,56	D	41
2x2	SVD-22.80-E3-2,5	658,8	211	87820	38,8	6,60	E	47	182	69560	33,5	4,44	D	41
	SVD-22.80-E4-2,5	878,4	257	84810	47,4	6,80	D	47	217	66610	40,1	4,52	D	41
	SVD-22.80-E5-2,5	768,6	232	90100	42,7	6,40	E	47	201	72500	37,1	4,40	D	41
	SVD-22.80-E6-2,5	1024,8	268	87530	49,5	6,60	D	47	227	69280	41,9	4,48	D	41
	SVD-23.80-E1-2,5	823,5	297	126860	54,7	10,20	E	49	256	99630	47,1	6,72	D	43
	SVD-23.80-E2-2,5	1098,0	346	121640	63,7	10,80	E	49	291	94380	53,7	6,84	D	43
2x3	SVD-23.80-E3-2,5	988,2	321	131720	59,2	9,90	E	49	277	104330	51,1	6,66	D	43
	SVD-23.80-E4-2,5	1317,6	386	127220	71,1	10,20	D	49	326	99910	60,1	6,78	D	43
	SVD-23.80-E5-2,5	1537,2	352	135160	65,0	9,60	E	49	306	108760	56,4	6,60	D	43
	SVD-23.80-E6-2,5	1537,2	408	131290	75,2	9,90	D	49	345	103920	63,7	6,72	D	43
	SVD-24.80-E1-2,5	1098,0	395	169150	72,8	13,60	E	50	340	132840	62,8	8,96	D	44
	SVD-24.80-E2-2,5	1464,0	460	162190	84,8	14,40	E	50	388	125840	71,5	9,12	D	44
2x4	SVD-24.80-E3-2,5	1317,6	421	175630	77,5	13,20	E	50	363	139110	66,9	8,88	D	44
	SVD-24.80-E4-2,5	1756,8	514	169620	94,7	13,60	D	50	434	133210	80,1	9,04	D	44
	SVD-24.80-E5-2,5	1537,2	463	180210	85,3	12,80	E	50	402	145010	74,0	8,80	D	44
	SVD-24.80-E6-2,5	2049,6	536	175060	98,8	13,20	D	50	454	138560	83,7	8,96	D	44
	SVD-25.80-E1-2,5	1372,5	481	211430	88,8	17,00	E	51	415	166050	76,5	11,20	D	45
	SVD-25.80-E2-2,5	1830,0	561	202730	103,5	18,00	E	51	473	157300	87,3	11,40	D	45
2x5	SVD-25.80-E3-2,5	1647,0	542	219540	100,0	16,50	E	51	468	173890	86,2	11,10	D	45
	SVD-25.80-E4-2,5	2196,0	632	212030	116,4	17,00	D	51	534	166520	98,5	11,30	D	45
	SVD-25.80-E5-2,5	1921,5	594	225260	109,4	16,00	D	51	515	181260	94,9	11,00	D	45
	SVD-25.80-E6-2,5	2562,0	687	218820	126,6	16,50	D	51	582	173200	107,2	11,20	D	45
	SVD-26.80-E1-2,5	1647,0	592	253720	109,2	20,40	E	52	510	199270	94,1	13,44	D	46
	SVD-26.80-E2-2,5	2196,0	690	243280	127,2	21,60	E	52	582	188760	107,2	13,68	D	46
2x6	SVD-26.80-E3-2,5	1976,4	664	263450	122,4	19,80	E	52	572	208670	105,5	13,32	D	46
	SVD-26.80-E4-2,5	2635,2	771	254440	142,1	20,40	D	52	652	199820	120,1	13,56	D	46
	SVD-26.80-F5-2,5	2305,8	747	264020	137,7	19,20	D	52	636	209220	117,1	13,20	D	46
	SVD-26.80-F6-2,5	3074,3	880	255290	162,2	19,80	D	52	733	200650	135,2	13,44	D	46
	SVD-27.80-F1-2,5	1921,5	789	295670	145,4	23,80	E	53	669	231830	123,4	15,68	D	47
	SVD-27.80-F2-2,5	2562,0	827	271470	152,5	25,20	E	53	685	208930	126,3	15,96	D	47
2x7	SVD-27.80-F3-2,5	2305,8	812	298840	149,7	23,10	E	53	690	235060	127,1	15,54	D	47
	SVD-27.80-F4-2,5	3074,3	926	287000	170,8	23,80	D	53	771	223770	142,2	15,82	D	47
	SVD-27.80-F5-2,5	2690,1	885	308020	163,2	22,40	D	53	753	244090	138,7	15,40	D	47
	SVD-27.80-F6-2,5	3586,7	997	296510	183,7	23,10	D	53	831	232800	153,2	15,68	D	47
	SVD-28.80-F1-2,5	2196,0	843	327040	155,3	27,20	E	53	714	254630	131,6	17,92	D	47
	SVD-28.80-F2-2,5	2927,9	961	310260	177,1	28,80	E	53	795	238780	146,6	18,24	D	47
2x8	SVD-28.80-F3-2,5	2635,2	941	341540	173,4	26,40	E	53	799	268640	147,2	17,76	D	47
	SVD-28.80-F4-2,5	3513,5	1073	327990	197,7	27,20	D	53	893	255730	164,5	18,08	D	47
	SVD-28.80-F5-2,5	3074,3	1023	352030	188,6	25,60	D	53	870	278960	160,3	17,60	D	47
	SVD-28.80-F6-2,5	3889,0	1164	340390	214,5	26,40	D	53	970	267530	178,8	17,92	D	47

MODEL	Boru Hacmi Tube Volume	Ölçüler Dimensions							Bağlantılar Connections	
		L	H	H1	D	B1	B2	B3	Giriş Inlet	Çıkış Outlet
	mm	mm	mm	mm	mm	mm	mm	mm	Inch	Inch
SVD-12.80-E1-2,5	53,3	2400	1693	1410	1385	1075	-	925	1 1/2"	1 1/2"
SVD-12.80-E2-2,5	71,1	2400	1693	1410	1385	1075	-	925	2"	2"
SVD-12.80-E3-2,5	64,0	2800	1693	1410	1385	1275	-	1125	2"	2"
SVD-12.80-E4-2,5	85,4	2800	1693	1410	1385	1275	-	1125	2"	2"
SVD-12.80-E5-2,5	74,7	3200	1693	1410	1385	1475	-	1325	2"	2"
SVD-12.80-E6-2,5	99,6	3200	1693	1410	1385	1475	-	1325	2"	2"
SVD-13.80-E1-2,5	80,0	3400	1693	1410	1385	1075	1000	925	2 1/2"	2 1/2"
SVD-13.80-E2-2,5	106,7	3400	1693	1410	1385	1075	1000	925	2 1/2"	2 1/2"
SVD-13.80-E3-2,5	96,0	4000	1693	1410	1385	1275	1200	1125	2 1/2"	2 1/2"
SVD-13.80-E4-2,5	128,0	4000	1693	1410	1385	1275	1200	1125	2 1/2"	2 1/2"
SVD-13.80-E5-2,5	112,0	4600	1693	1410	1385	1475	1400	1325	2 1/2"	2 1/2"
SVD-13.80-E6-2,5	149,4	4600	1693	1410	1385	1475	1400	1325	2 1/2"	2 1/2"
SVD-14.80-E1-2,5	106,7	4400	1598	1315	1350	1075	1000	925	2 1/2"	2 1/2"
SVD-14.80-E2-2,5	142,3	4400	1598	1315	1350	1075	1000	925	3"	3"
SVD-14.80-E3-2,5	128,0	5200	1598	1315	1350	1275	1200	1125	3"	3"
SVD-14.80-E4-2,5	170,7	5200	1598	1315	1350	1275	1200	1125	3"	3"
SVD-14.80-E5-2,5	149,4	6000	1598	1315	1350	1475	1400	1325	3"	3"
SVD-14.80-E6-2,5	199,2	6000	1598	1315	1350	1475	1400	1325	3"	3"
SVD-15.80-E1-2,5	133,4	5400	1598	1315	1350	1075	1000	925	3"	3"
SVD-15.80-E2-2,5	177,8	5400	1598	1315	1350	1075	1000	925	3"	3"
SVD-15.80-E3-2,5	160,0	6400	1598	1315	1350	1275	1200	1125	3"	3"
SVD-15.80-E4-2,5	213,4	6400	1598	1315	1350	1275	1200	1125	3 1/2"	3 1/2"
SVD-15.80-E5-2,5	186,7	7400	1598	1315	1350	1475	1400	1325	3 1/2"	3 1/2"
SVD-15.80-E6-2,5	249,0	7400	1598	1315	1350	1475	1400	1325	3 1/2"	3 1/2"
SVD-16.80-E1-2,5	160,0	6400	1598	1315	1350	1075	1000	925	3 1/2"	3 1/2"
SVD-16.80-E2-2,5	213,4	6400	1598	1315	1350	1075	1000	925	3 1/2"	3 1/2"
SVD-16.80-E3-2,5	192,1	7600	1598	1315	1350	1275	1200	1125	3 1/2"	3 1/2"
SVD-16.80-E4-2,5	256,1	7600	1598	1315	1350	1275	1200	1125	3 1/2"	3 1/2"
SVD-16.80-E5-2,5	224,1	8800	1598	1315	1350	1475	1400	1325	3 1/2"	3 1/2"
SVD-16.80-E6-2,5	298,8	8800	1598	1315	1350	1475	1400	1325	4"	4"
SVD-22.80-E1-2,5	73,4	2400	2207	1924	2310	1075	-	925	2 1/2"	2 1/2"
SVD-22.80-E2-2,5	97,8	2400	2207	1924	2310	1075	-	925	2 1/2"	2 1/2"
SVD-22.80-E3-2,5	88,0	2800	2207	1924	2310	1275	-	1125	2 1/2"	2 1/2"
SVD-22.80-E4-2,5	117,4	2800	2207	1924	2310	1275	-	1125	3"	3"
SVD-22.80-E5-2,5	102,7	3200	2207	1924	2310	1475	-	1325	3"	3"
SVD-22.80-E6-2,5	136,9	3200	2207	1924	2310	1475	-	1325	3"	3"
SVD-23.80-E1-2,5	110,0	3400	2207	1924	2310	1075	1000	925	3"	3"
SVD-23.80-E2-2,5	146,7	3400	2207	1924	2310	1075	1000	925	3"	3"
SVD-23.80-E3-2,5	132,0	4000	2207	1924	2310	1275	1200	1125	3"	3"
SVD-23.80-E4-2,5	176,1	4000	2207	1924	2310	1275	1200	1125	3 1/2"	3 1/2"
SVD-23.80-E5-2,5	205,4	4600	2207	1924	2310	1475	1400	1325	3 1/2"	3 1/2"
SVD-23.80-E6-2,5	205,4	4600	2207	1924	2310	1475	1400	1325	3 1/2"	3 1/2"
SVD-24.80-E1-2,5	146,7	4400	2207	1924	2310	1075	1000	925	3 1/2"	3 1/2"
SVD-24.80-E2-2,5	195,6	4400	2207	1924	2310	1075	1000	925	3 1/2"	3 1/2"
SVD-24.80-E3-2,5	176,1	5200	2207	1924	2310	1275	1200	1125	3 1/2"	3 1/2"
SVD-24.80-E4-2,5	234,7	5200	2207	1924	2310	1275	1200	1125	4"	4"
SVD-24.80-E5-2,5	205,4	6000	2207	1924	2310	1475	1400	1325	4"	4"
SVD-24.80-E6-2,5	273,9	6000	2207	1924	2310	1475	1400	1325	4"	4"
SVD-25.80-E1-2,5	183,4	5400	2207	1924	2310	1075	1000	925	4"	4"
SVD-25.80-E2-2,5	244,5	5400	2207	1924	2310	1075	1000	925	4"	4"
SVD-25.80-E3-2,5	220,1	6400	2207	1924	2310	1275	1200	1125	4"	4"
SVD-25.80-E4-2,5	440,7	6400	2207	1924	2310	1275	1200	1125	5"	5"
SVD-25.80-E5-2,5	385,6	7400	2207	1924	2310	1475	1400	1325	5"	5"
SVD-25.80-E6-2,5	514,2	7400	2207	1924	2310	1475	1400	1325	5"	5"
SVD-26.80-E1-2,5	330,5	6400	2207	1924	2310	1075	1000	925	5"	5"
SVD-26.80-E2-2,5	440,7	6400	2207	1924	2310	1075	1000	925	5"	5"
SVD-26.80-E3-2,5	396,6	7600	2207	1924	2310	1275	1200	1125	5"	5"
SVD-26.80-E4-2,5	528,9	7600	2207	1924	2310	1275	1200	1125	5"	5"
SVD-26.80-F5-2,5	462,8	8800	2207	1924	2310	1475	1400	1325	5"	5"
SVD-26.80-F6-2,5	617,0	8800	2207	1924	2310	1475	1400	1325	5"	5"
SVD-27.80-F1-2,5	385,6	7400	2207	1924	2310	1075	1000	925	6"	6"
SVD-27.80-F2-2,5	514,2	7400	2207	1924	2310	1075	1000	925	6"	6"
SVD-27.80-F3-2,5	462,8	8800	2207	1924	2310	1275	1200	1125	6"	6"
SVD-27.80-F4-2,5	617,0	8800	2207	1924	2310	1275	1200	1125	6"	6"
SVD-27.80-F5-2,5	539,9	10200	2207	1924	2310	1475	1400	1325	6"	6"
SVD-27.80-F6-2,5	719,8	10200	2207	1924	2310	1475	1400	1325	6"	6"
SVD-28.80-F1-2,5	440,7	8400	2207	1924	2310	1075	1000	925	6"	6"
SVD-28.80-F2-2,5	587,6	8400	2207	1924	2310	1075	1000	925	6"	6"
SVD-28.80-F3-2,5	528,9	10000	2207	1924	2310	1275	1200	1125	6"	6"
SVD-28.80-F4-2,5	705,1	10000	2207	1924	2310	1275	1200	1125	6"	6"
SVD-28.80-F5-2,5	617,0	11600	2207	1924	2310	1475	1400	1325	6"	6"
SVD-28.80-F6-2,5	822,7	11600	2207	1924	2310	1475	1400	1325	6"	6"

Teknik Çizim / Technical Drawing





Genel Özellikler / Specifications

Batarya
• Bakır borular Ø1/2", Ø5/8",
• Fin malzemesi alüminyumdur,
• Lamel arası 2,1 - 2,5 mm'dir,
• Giriş – çıkış kolektör malzemesi çelik boruludur,
• İzin verilen en yüksek çalışma basıncı Ps=32 Bar.

Kasetleme
• Galvaniz çelik üzerine RAL 7035 (açık gri) boyalıdır.

Fan
• Düşük ses seviyeli ve bakım gerektirmeyen fanlar kullanılmaktadır,
• Koruma sınıfı IP44/54, monofaze 230V 1~ 50Hz, trifaze 400V 3~ 50Hz,
• Fan konstrüksiyonu izolasyon malzeme sınıfı F/B, çalışma sıcaklığı -40°C ile +60/+65°C arasıdır,
• Motorlar için saatte en fazla 6 kalkış yapılması tavsiye edilir,
• Kuru soğutucular dış ortam şartları için ve hava tarafı harici basınç düşüşü olmayacağı dikkate alınarak tasarlanmıştır,
• Uzun süreli bekleme durumları için fan motorları her ay 2 saat çalıştırılmalıdır,
• Entegre edilmiş termistörler motor koruması için mutlaka kullanılmalıdır,

Kapasite
• Nominal kapasiteler akışkan giriş çıkış sıcaklığı Tin/Out= 40/35°C hava giriş sıcaklığı Tai= 25°C, deniz seviyesinde %30 glikollü olarak hesaplanmıştır,
• Kapasiteler aynı zamanda farklı ses seviyelerine göre hesaplanmıştır.

Seçenekler
• Çift akışkan devreli imalat,
• Adyabatik soğutucu ped,
• Bakır kollektör,
• Farklı dış kabin rengi,
•Trifaze 400V 3~50 Hz Fan,
• Katalogda belirtilmeyen özel ürünler için lütfen satış departmanı ile irtibata geçiniz,

Notlar
• Montaj, Bakım, Taşıma ve Kaldırma detayları için kullanım Kılavuzuna başvurunuz.

Aksesuarlar
• Pako şalter,

Coils
• Copper tubes Ø1/2", Ø5/8",
• Fins made of aluminium,
• Fin spacing is 2,1 - 2,5 mm,
• Header inlet and outlet tube connections made of steel,
• Admissible pressure Ps=32 Bar.

Casing
• Galvanized steel sheet painted to RAL 7035 (light grey).

Fans
• Low-noise axial fans with maintenance free motors,
• Protection class IP44/54, single phase 230V 1~ 50Hz, three phase 400V 3~ 50Hz,
• Constructions insulation material class F/B, admissible temperature -40°C up to +60/+655°C,
• Maximum start up recommended for motors is 6 per hour,
• Dry coolers are designed for outdoor operation with no external pressure drops being considered,
• In case of long periods of non operation the motors must be operated every month for 2 hours,
• The integral thermo contacts (thermistors) must be used as motor protection,

Capacity
• The nominal capacities calculated that refer to an inlet/outlet fluid flow temperature Tc= 40/35°C at and air inlet temperature Tai= 25°C, 30% glycol rate,
• Capacities are calculated for difference noise levels

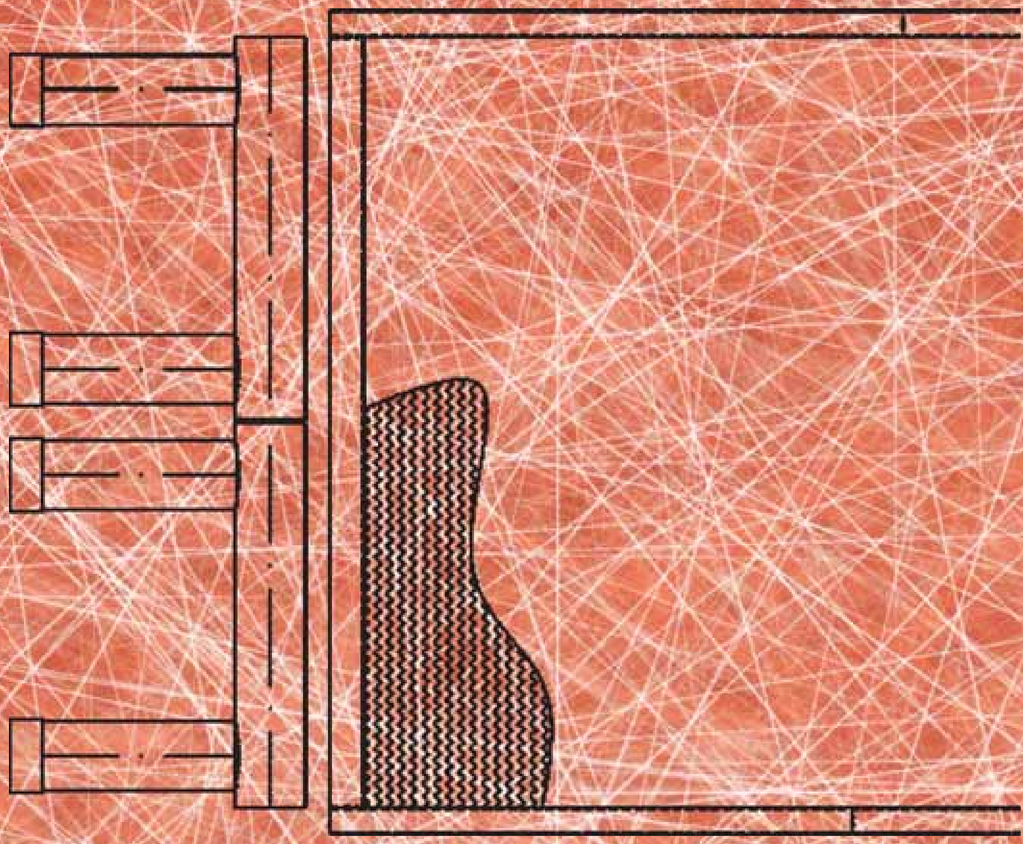
Options
• Two refrigerant circuit,
• Adiabatic cooler pad,
• Copper header,
• Different casing color,
• Three phase 400V 3~50Hz fans
• Please keep in touch with our sales department about your special needs that are not mentioned in the catalogue.

Notes
• Please check our user manuel for installation, maintenance, carrying and lifting details.

Accessories
• Repair Switch,

Oem Heat Exchangers

Isı Değiştiriciler (OEM)
Wärmetauscher
Теплообменники
مبادلات حرارية



heat transfer devices

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OEM Eşanjörler / OEM Heat Exchangers

Profesyonel İş Ortağı

Professional Business Partner

Güler Yüzlü Hizmet Anlayışı

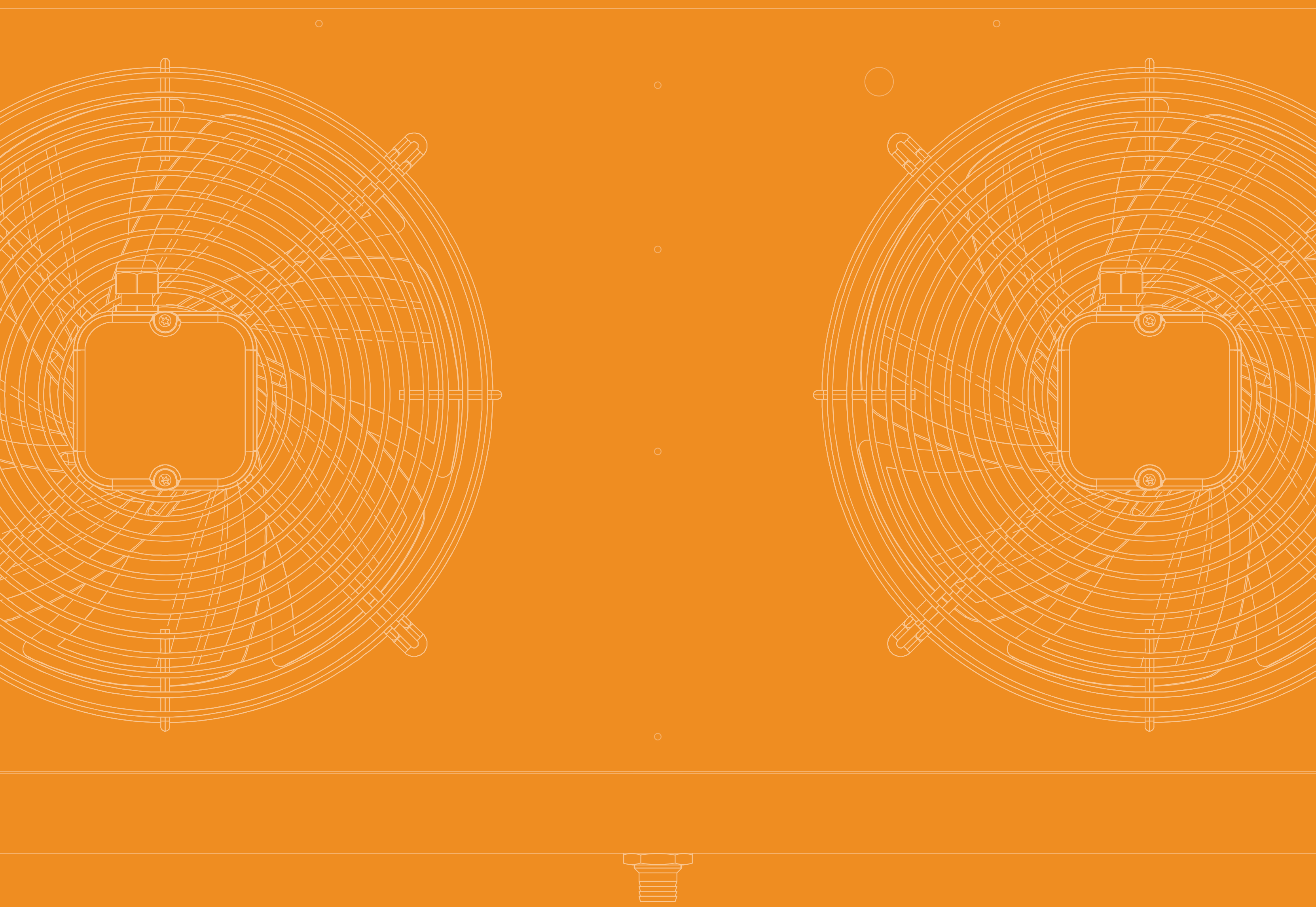
Smiling Service Approach

Zaman Kazandıran Üretim Politikası

Time-saving Production Policy

Çevre Dostu Üretim Politikası

Environmentally Friendly Production Policy



SINCE 1974

SARBUZ®

HEAT EXCHANGERS

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