

GENERAL CATALOGUE

Condensing Units

**R134a/
R404A/
R22/
12-42VDC/
R290**



cubigel[®]
compressors
by
HUAYI
COMPRESSOR
BARCELONA



R134a (*) HMBP | HBP • 50 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"					
									W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS W x L x H mm	TUBES			DESIGN	
									-25	-15	-5	5	7.2			10		SUCTION Inch	COMPRESSION Inch	WEIGHT Kg		
													W	W inp	A							
	CGD30MB_N	3.08	1/10	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	71	119	191	285	309	168	1.02	341	255x300x200	1/4	1/4	8.7	4A
	CGD36MB_N	3.62	1/10	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	91	147	230	341	369	196	1.0	407	255x300x200	1/4	1/4	8.8	4A
	CGD40MB_N	4.06	1/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	97	156	243	357	385	215	1.0	423	255x300x200	1/4	1/4	9.6	4A
	CGL45PB_N	4.50	1/6	43	T	HMBP	220-240V 50Hz ~1	RSIR	C-V	108	183	286	416	448	238	1.0	491	320x425x220	3/8	1/4	14.5	3B
	CGL45TB_N	4.50	1/6	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	108	183	286	416	448	238	1.0	491	320x425x220	3/8	1/4	14.5	3B
	CGL45TG_N	4.50	1/6	43	T	HMBP	200-240/220-230V 50/60Hz ~1	CSIR	C-V	109	180	279	407	439	219	1.0	482	320x425x220	3/8	1/4	14.5	3B
	CGLY45RAa_N	4.56	1/6	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	140	208	312	452	490	235	1.0	535	320x425x235	3/8	1/4	16	3B
	CGLY45Rab_N	4.56	1/6	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	140	208	312	452	490	211	0.99	535	320x425x235	3/8	1/4	16	3B
	CGL60PB_N	5.68	1/5	43	T	HMBP	220-240V 50Hz ~1	RSIR	C	130	232	361	520	558	271	1.0	609	320x425x235	3/8	1/4	17	3B
	CGL60TB_N	5.68	1/5	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	130	232	361	520	558	271	1.0	609	320x425x235	3/8	1/4	17	3B
	CGL60TG_N	5.68	1/5	43	T	HMBP	200-240/220-230V 50/60Hz ~1	CSIR	C-V	136	227	366	551	599	271	1.0	662	320x425x235	3/8	1/4	17	3B
	CGLY60RAa_N	5.98	1/5	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	137	251	396	573	616	264	1.0	673	340x425x235	3/8	1/4	17	3B
	CGLY60Rab_N	5.98	1/5	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	137	251	396	573	616	242	0.99	673	340x425x235	3/8	1/4	17	3A
	CGL80PB_N	7.57	1/5	43	T	HMBP	220-240V 50Hz ~1	RSIR	C-V	166	285	441	636	684	343	2.02	747	340x425x235	3/8	1/4	17	3B
	CGL80TB_N	7.57	1/5	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	166	285	441	636	684	343	2.02	747	340x425x235	3/8	1/4	17	3B
	CGL80TG_N	7.57	1/5	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	178	300	473	699	755	333	2.02	831	340x425x235	3/8	1/4	17	3B
	CGLY80RAa_N	8.10	1/5	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	219	351	543	795	858	349	2.02	943	340x425x235	3/8	1/4	18.5	3B
	CGLY80Rab_N	8.10	1/5	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	219	351	543	795	858	324	1.0	943	320x425x235	3/8	1/4	18.5	3A
	CGL90PB_N	8.85	1/4	43	T	HMBP	220-240V 50Hz ~1	RSIR	C	203	341	533	780	842	386	2.02	924	340x425x235	3/8	1/4	18.5	3B
	CGL90TB_N	8.85	1/4	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	203	341	533	780	842	386	2.02	924	340x425x235	3/8	1/4	18.5	3B
	CGL90TG_N	8.85	1/4	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	193	335	529	775	836	382	1.99	917	340x425x235	3/8	1/4	18.5	3B
	CGLY90RAa_N	9.09	1/4	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	215	360	564	827	893	437	2.0	981	350x425x270	3/8	1/4	19.5	3B
	CGLY90Rab_N	9.09	1/4	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	215	360	564	827	893	397	2.02	981	350x425x270	3/8	1/4	19.5	3A
	CGP12PB_N	12.05	3/8	43	T	HMBP	220-240V 50Hz ~1	RSIR	C	251	448	704	1019	1097	604	3.02	1199	350x425x270	3/8	1/4	20	3B
	CGP12TB_N	12.05	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	251	448	704	1019	1097	604	3.02	1199	350x425x270	3/8	1/4	20	3B
	CGP12TG_N	12.05	3/8	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	251	412	671	1030	1123	539	2.99	1247	350x425x270	3/8	1/4	20	3B
	CGPY12RAa_N	12.10	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	314	504	768	1104	1188	571	3.02	1300	350x425x270	3/8	3/8	21.5	3B
	CGPY12Rab_N	12.10	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	314	504	768	1104	1188	523	1.99	1300	350x425x270	3/8	3/8	21.5	3A
	CGP14PB_N	14.17	3/8	43	T	HMBP	220-240V 50Hz ~1	RSIR	C	292	498	778	1130	1217	668	4.01	1334	350x425x270	3/8	1/4	21.5	3B
	CGP14TB_N	14.17	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	292	498	778	1130	1217	668	4.01	1334	350x425x270	3/8	1/4	21.5	3B
	CGP14TG_M	14.17	3/8	38	-	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	327	534	820	1184	1275	630	2.99	1395	350x425x270	3/8	1/4	21.5	3B
	CGPY14RAa_N	14.32	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	442	618	867	1190	1270	623	2.99	1378	365x510x300	3/8	3/8	23.5	2D
	CGPY14Rab_N	14.32	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	442	618	867	1190	1270	579	3.02	1378	365x510x300	3/8	3/8	23.5	2E
	CGPY16RAa_N	16.15	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	390	644	964	1350	1444	659	2.99	1568	365x510x300	3/8	3/8	23.5	2D
	CGPY16Rab_N	16.15	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	390	644	964	1350	1444	659	2.99	1568	365x510x300	3/8	3/8	23.5	2D
	CGX18TB_N	18.40	1/2	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	383	674	1050	1510	1622	832	5.01	1771	365x510x300	3/8	3/8	28.5	2C
	CGX18TG_N	18.40	1/2	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	398	699	1079	1538	1650	758	5.01	1797	365x510x300	3/8	3/8	28.5	2C
	CGX21TB_N	20.72	5/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	450	759	1178	1707	1838	926	5.02	2012	450x480x315	3/8	3/8	33	1E
	CGX23TB_N	23.20	5/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	492	906	1360	1853	1967	1027	6.04	2115	450x480x315	3/8	3/8	33	1E
	CGS26TB_N	25.93	3/4	43	T	HMBP	220-240V 50Hz ~1	CSIR	C-V	524	989	1542	2182	2335	1125	6.01	2535	425x510x350	5/8	3/8	36	1B
	CGS26TG_M	25.93	3/4	38	-	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	565	1012	1597	2320	2498	1075	7.04	2734	425x530x350	5/8	3/8	36	1B
	CGS30TB_N	29.95	7/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	609	1134	1811	2640	2843	1174	6.03	3112	425x530x350	5/8	3/8	39	1B
	CGS34TB_N	34.42	1	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	686	1283	1992	2813	3009	1358	6.03	3266	425x530x350	5/8	3/8	39	1B
	CGS34TB_N 2F	34.42	1	43	T	HMBP	220-240V 50Hz ~1	CSR	C-V	774	1071	1818	3017	3341	1362	6.03	3785	480x650x335	5/8	3/8	41.5	6A

 Green Cooling Models (*) Or HFO1234yf / See design drawing on page 68

 New Models

R134a (*) HMBP | HBP • 60 Hz

	MODEL	DISPLACEMENT cm³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"					
									W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS W x L x H mm	TUBES				
									-25	-15	-5	5	7.2			10		SUCTION Inch	COMPRESSION Inch	WEIGHT Kg	DESIGN	
													W	W in ph	A							
	CGD40ME_N	4.06	1/8	43	T	HMBP	115V 60Hz ~1	CSIR	C-V	109	187	292	423	455	265	3.02	499	255x300x200	1/4	1/4	9.6	4A
	CGL45TE_N	4.5	1/6	43	T	HMBP	115V 60Hz ~1	CSIR	C-V	135	223	345	501	540	289	3.02	591	320x425x220	3/8	1/4	14.5	3B
	CGL45TG_N	4.5	1/6	43	T	HMBP	200-240/220-230V 50/60Hz ~1	CSIR	C-V	119	207	324	471	507	268	1.0	555	320x425x220	3/8	1/4	14.5	3B
	CGL60TE_N	5.68	1/5	43	T	HMBP	115V 60Hz ~1	CSIR	C-V	157	278	431	616	661	315	2.99	721	320x425x235	3/8	1/4	17	3B
	CGL60TG_N	5.68	1/5	43	T	HMBP	200-240/220-230V 50/60Hz ~1	CSIR	C-V	156	270	427	626	676	341	1.0	742	320x425x235	3/8	1/4	17	3B
	CGL80PE_N	7.57	1/5	43	T	HMBP	115V 60Hz ~1	RSIR	C	213	358	561	822	887	412	4.02	974	340x425x235	3/8	1/4	17	3B
	CGL80TE_N	7.57	1/5	43	T	HMBP	115V 60Hz ~1	CSIR	C-V	213	358	561	822	887	412	4.02	974	340x425x235	3/8	1/4	17	3B
	CGL80TG_N	7.57	1/5	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	208	355	559	819	884	415	2.02	970	340x425x235	3/8	1/4	17	3B
	CGL90TE_N	8.85	1/4	43	T	HMBP	115V 60Hz ~1	CSIR	C-V	226	400	624	899	967	489	5.01	1056	340x425x235	3/8	1/4	18.5	3B
	CGL90TG_N	8.85	1/4	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	231	401	623	896	963	472	1.99	1052	340x425x235	3/8	1/4	18.5	3B
	CGP12TE_N	12.05	3/8	43	T	HMBP	115V 60Hz ~1	CSIR	C-V	326	547	843	1213	1304	703	7.01	1425	350x425x270	3/8	1/4	20	3B
	CGP12TG_N	12.05	3/8	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	306	532	827	1190	1279	668	2.99	1397	350x425x270	3/8	1/4	20	3B
	CGP14TE_M	14.17	3/8	38	-	HMBP	115V 60Hz ~1	CSIR	C-V	367	616	934	1320	1415	779	8.03	1539	350x425x270	3/8	1/4	21.5	3B
	CGP14TG_M	14.17	3/8	38	-	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	374	620	947	1355	1456	763	4.01	1590	350x425x270	3/8	1/4	21.5	3B
	CGX18TG_N	18.4	1/2	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	506	881	1324	1835	1957	868	5.01	2116	365x510x300	3/8	3/8	28.5	2C
	CGS26TG_M	25.93	3/4	38	-	HMBP	200-220/220-230V 50/60Hz ~1	CSIR	C-V	652	1177	1838	2635	2828	1368	7.04	3084	425x530x350	5/8	3/8	36	1B

R404A HMBP | HBP • 50 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"					
									W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS W x L x H mm	TUBES				
									-25	-15	-5	5	7.2			10		SUCTION Inch	COMPRESSION Inch	WEIGHT Kg		
													W	W in p	A							
	CML40TB_N	4.06	1/6	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	199	300	428	583	621	349	2.02	671	320x425x235	3/8	1/4	14.6	3B
	CML45TB_N	4.5	1/5	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	215	328	464	623	662	386	2.02	712	320x425x235	3/8	1/4	14.7	3B
	CML60TB_N	5.68	1/4	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	266	409	579	777	824	479	1.99	886	325x425x235	3/8	1/4	22.5	3B
	CMLY60RAa_N	5.98	1/4	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	317	469	668	912	972	486	1.99	1051	345x450x270	3/8	3/8	23	3B
	CMLY60RAb_N	5.98	1/4	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	317	469	668	912	972	441	2.02	1051	345x450x270	3/8	3/8	23	3A
	CML80TB_N	7.57	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	408	567	795	1094	1170	572	3.02	1271	345x450x270	3/8	1/4	23.5	3B
	CML80TG_N	7.57	3/8	43	T	HMBP	200-240/220-230V 50/60Hz ~1	CSIR	C - V	344	551	793	1070	1136	574	2.99	1223	345x450x270	3/8	1/4	23.5	3B
	CMLY80RAa_N	8.1	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	421	646	914	1226	1301	606	2.99	1399	350x425x270	3/8	3/8	23.9	3B
	CMLY80RAb_N	8.1	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	421	646	914	1226	1301	560	3.01	1399	350x425x270	3/8	3/8	23.9	3A
	CML90TB_N	8.85	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	421	646	914	1226	1301	702	2.99	1399	350x425x270	3/8	3/8	23.9	3B
	CML90TG_N	8.85	3/8	43	T	HMBP	200-220/230V 50/60Hz ~1	CSIR	C - V	412	631	893	1196	1268	689	4.02	1363	350x425x270	3/8	3/8	23.9	3B
	CMLY90RAa_N	9.09	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	466	712	1004	1344	1425	720	4.02	1531	365x510x300	3/8	3/8	25	2D
	CMLY90RAb_N	9.09	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	466	712	1004	1344	1425	660	3.02	1531	365x510x300	3/8	3/8	25	2E
	CMP12TB_N	12.05	1/2	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	581	898	1281	1728	1835	863	4.01	1976	425x480x350	3/8	3/8	29.8	1F
	CMP12TG_N	12.05	1/2	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSR	C - V	588	898	1300	1797	1918	785	4.02	2080	425x500x350	3/8	3/8	29.5	1D
	CMP14TB_N	14.17	1/2	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	613	972	1389	1863	1975	1003	4.01	2122	425x500x350	3/8	3/8	29.9	1F
	CMX16TB_M	16.15	5/8	38	-	HMBP	220-240V 50Hz ~1	CSR	C - V	730	1160	1623	2121	2235	1202	5.01	2382	450x480x340	3/8	3/8	30	1C
	CMX16TB_N	16.15	5/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	698	1074	1536	2084	2216	1157	5.01	2390	430x495x350	3/8	3/8	30.5	1C

 Green Cooling Models

 New Models

(*) Or HF01234yf / See design drawing on page 68

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R404A HMBP | HBP • 50 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								VERSION "3"				DESIGN	
																	DIMENSIONS W x L x H mm	TUBES				
																		SUCTION	COMPRESSION	WEIGHT		
									-25	-15	-5	5	7.2			10						
	W	W in p	A																			
	CMX18TB_M	18.4	7/8	38	-	HMBP	220-240V 50Hz ~1	CSR	C - V	790	1206	1650	2121	2228	1375	6.01	2367	430x500x350	3/8	3/8	33	1C
	CMX21TB_N	20.72	1	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	847	1265	1798	2445	2603	1384	6.0	2812	455x500x440	3/8	3/8	36	1C
	CMS18T3_N	18.1	7/8	43	T	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	706	1130	1644	2249	2395	1199	2.02	2586	425x530x350	1/2	3/8	36	1A
	CMS22T3_M	21.75	1	38	-	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	943	1484	2121	2854	3028	1501	1.99	3256	455x515x440	1/2	3/8	38	1A
	CMS22TB_N	21.75	1	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	859	1354	1975	2720	2900	1292	6.03	3139	455x525x440	1/2	3/8	41.7	1B
	CMS22TB_N2F	21.75	1	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	880	1437	2126	2948	3146	1352	6.01	3408	480x650x335	1/2	3/8	39	6A
	CMS26T3_N	25.93	1 3/8	43	T	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	1206	1919	2723	3617	3826	1707	3.02	4099	455x515x440	5/8	3/8	43.2	1A
	CMS26TB_N	25.93	1 3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	1183	1853	2615	3468	3668	1778	8.03	3930	455x515x440	5/8	3/8	43.7	1B
	CMS26TB_N 2F	25.93	1 3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	1166	1834	2584	3417	3611	1744	8.03	3864	480x650x335	5/8	3/8	40	6A
	CMS34T3_N	34.42	1 5/8	43	T	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	1527	2368	3289	4288	4519	2492	4.02	4818	455x515x440	5/8	3/8	44	1A
	CMS34TB_M	34.42	1 5/8	38	-	HBP	220-240V 50Hz ~1	CSR	C - V	1335	2424	3475	4485	4702	2434	12.07	4976	455x515x440	5/8	3/8	44.5	1B
	CMS34TB_M 2F	34.42	1 5/8	38	-	HBP	220-240V 50Hz ~1	CSR	C - V	1253	2237	3217	4192	4405	2532	12.07	4677	480x650x335	5/8	3/8	41	6A
	CMS34TB_N	34.42	1 5/8	43	T	HBP	220-240V 50Hz ~1	CSR	C - V	1369	2459	3524	4563	4788	2461	12.07	5073	455x515x440	5/8	3/8	44.5	1B

R404A HMBP | HBP • 60 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"				DESIGN	
									W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS W x L x H mm	TUBES				
									SUCTION Inch	COMPRESSION Inch	WEIGHT Kg											
-25	-15	-5	5	7.2			10															
	W	W in p	A																			
	CML80TG_N	7.57	3/8	43	T	HMBP	200-240/220-230V 50/60Hz ~1	CSIR	C - V	420	654	930	1247	1322	721	2.99	1421	345x450x270	3/8	1/4	23.5	3B
	CML90TG_N	8.86	3/8	43	T	HMBP	200-220/230V 50/60Hz ~1	CSIR	C - V	483	745	1040	1367	1443	862	4.01	1542	350x425x270	3/8	3/8	23.9	3B
	CMP12TG_N	12.05	1/2	43	T	HMBP	200-220/220-230V 50/60Hz ~1	CSR	C - V	669	1040	1467	1950	2064	988	4.01	2213	425x500x350	3/8	3/8	29.5	1D
	CMS18T3_N	18.4	7/8	43	T	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	778	1293	1859	2476	2619	1496	2.02	2804	425x530x350	1/2	3/8	36	1A
	CMS22T3_M	21.75	1	38	-	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	1079	1728	2407	3117	3277	1913	3.01	3483	455x515x440	1/2	3/8	38	1A
	CMS26T3_N	25.93	1 3/8	43	T	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	1383	2202	3080	4017	4231	2189	3.02	4508	455x515x440	5/8	3/8	43.2	1A
	CMS34T3_N	34.42	1 5/8	43	T	HMBP	400/440V 50/60Hz ~3	3 PHASE	C - V	1678	2597	3511	4419	4618	3047	5.04	4871	455x515x440	5/8	3/8	44	1A

 Green Cooling Models

/ See design drawing on page 68

 New Models

R404A LBP • 50 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED		APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"				DESIGN
										W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS W x L x H mm	TUBES			
										-40	-30	-23.3			-20	-10	SUCTION Inch		COMPRESSION Inch	WEIGHT Kg		
												W	W in p	A								
	CML45FB_N	4.5	1/6	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	95	162	220	225	1.0	253	370	320x425x220	3/8	1/4	14.5	3B	
	CMLY45LAa_N	4.56	1/6	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	102	179	244	194	0.99	281	410	320x425x220	3/8	1/4	15.5	3B	
	CMLY45LAb_N	4.56	1/6	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	102	179	244	181	0.99	281	410	320x425x220	3/8	1/4	15.5	3A	
	CML60FB_N	5.68	1/5	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	122	206	277	268	0.99	316	453	320x425x220	3/8	1/4	16.5	3B	
	CMLY60LAa_N	5.98	1/5	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	147	249	335	262	0.99	383	548	320x425x220	3/8	1/4	17	3B	
	CMLY60LAb_N	5.98	1/5	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	147	249	335	247	0.99	383	548	320x425x220	3/8	1/4	17	3A	
	CML80FB_N	7.57	1/4	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	169	274	357	342	1.99	401	548	320x425x220	3/8	1/4	17.2	3B	
	CMLY80LAa_N	8.1	1/4	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	195	310	419	338	1.99	482	709	325x425x235	3/8	1/4	19.2	3B	
	CMLY80LAb_N	8.1	1/4	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	195	310	419	338	1.99	482	709	320x425x235	3/8	1/4	19.2	3A	
	CML90FB_N	8.86	1/3	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	195	310	419	355	1.99	482	709	325x425x235	3/8	1/4	19.2	3B	
	CMLY90LAa_N	9.09	1/4	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	267	370	477	373	2.0	541	779	340x425x245	3/8	1/4	19.2	3B	
	CMLY90LAb_N	9.09	1/4	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	267	370	477	373	2.0	541	779	340x425x245	3/8	1/4	19.2	3A	
	CMP12FB_N	12.05	3/8	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	250	432	586	467	1.99	670	965	340x425x245	3/8	1/4	22.3	3B	
	CMPT12LA_N	12.1	3/8	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	308	487	638	450	1.98	722	1012	350x425x270	3/8	1/4	20.7	3A	
	CMP14FB_N	14.17	1/2	43	T	LBP	220-240V 50Hz ~1	CSIR	C - V	267	461	620	567	2.98	707	1006	340x425x245	3/8	1/4	22.3	1F	
	CMPT14LA_N	14.32	1/2	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	378	586	743	535	1.98	825	1093	425x340x270	3/8	3/8	23.9	3A	
	CMX18FBa_N	18.4	5/8	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	349	611	820	639	2.97	933	1313	350x510x275	3/8	3/8	28	2E	
	CMX21FBa_N	20.72	3/4	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	544	840	1062	712	2.98	1178	1560	365x510x305	3/8	3/8	29.8	2E	
	CMX23FB_M	23.2	7/8	38	-	LBP	220-240V 50Hz ~1	CSR	C - V	667	973	1209	813	3.97	1334	1750	365x510x305	3/8	3/8	30.3	2A	
	CMS26FB_N	25.93	3/4	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	523	1028	1400	883	3.97	1593	2217	425x510x350	1/2	3/8	39	1B	
	CMS30FB_N	29.95	7/8	43	T	LBP	220-240V 50Hz ~1	CSR	C - V	617	1132	1518	1120	4.96	1721	2385	425x530x350	5/8	3/8	39	1B	
	CMS34F3_N	34.42	1	43	T	LBP	400/440V 50/60Hz ~3	3 PHASE	C - V	627	1139	1535	1209	1.99	1746	2448	425x530x350	5/8	3/8	44	1A	
	CMS34FB_N	34.42	1	43	T	LBP	220V 50Hz ~1	CSR	C - V	826	1210	1638	1209	5.95	1899	2892	425x530x350	5/8	3/8	39.5	1B	
	CMS34FBb_N	34.42	1	43	T	LBP	220V 50Hz ~1	CSR	C - V	826	1210	1638	1209	5.95	1899	2892	425x530x350	5/8	3/8	39.5	1B	

R404A LBP • 60 Hz

	MODEL	DISPLACEMENT	POWER	MAX. AMBIENCE TEMP: T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"				DESIGN
									W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS	TUBES			
																		SUCTION	COMPRESSION	WEIGHT	
		cm³	hp								-40	-30	W	W in p	A	-20	-10				
	CMP14FE_N	14.17	1/2	43	T	LBP	115V 60Hz ~1	CSIR	C - V	335	561	752	739	8.97	859	1229	345x450x270	3/8	1/4	20.8	3B
	CMS34F3_N	34.42	1	43	T	LBP	400/440V 50/60Hz ~3	3 PHASE	C - V	649	1247	1680	1415	1.98	1903	2616	425x530x350	5/8	3/8	44	1A

 Green Cooling Models / See design drawing on page 68

 New Models

R290 HMBP • 50 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								VERSION "3"				DESIGN	
																	DIMENSIONS W x L x H mm	TUBES				
																		SUCTION Inch	COMPRESSION Inch	WEIGHT Kg		
									-25	-15	-5	5	7.2			10						
W	W inp	A																				
	CNLY60RAa_N (**)	5.98	1/4	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	*	*	*	*	878	365	*	*	340x425x245	3/8	1/4	24	3B
	CNLY60RAb_N (**)	5.98	1/4	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	*	*	*	*	878	335	*	*	340x425x245	3/8	1/4	24	3A
	CNL80TB_N	8.1	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	360	482	675	939	1006	407	2.0	1097	345x450x270	3/8	1/4	23.5	3B
	CNLY80RAa_N (**)	8.10	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	*	*	*	*	1165	512	*	*	325x425x270	3/8	1/4	23.9	3B
	CNLY80RAb_N (**)	8.10	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	*	*	*	*	1165	470	*	*	325x425x270	3/8	1/4	23.9	3A
	CNL90TB_N	8.86	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	341	487	702	987	1059	479	1.99	1155	350x425x270	3/8	3/8	23.9	3B
	CNLY90RAa_N (**)	9.09	3/8	43	T	HMBP	220-240V 50Hz ~1	CSIR	C - V	*	*	*	*	1204	554	*	*	325x425x270	3/8	1/4	24.2	3B
	CNLY90RAb_N (**)	9.09	3/8	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	*	*	*	*	1204	503	*	*	325x425x270	3/8	1/4	24.2	3A
	CNP14TB_N	14.17	1/2	43	T	HMBP	220-240V 50Hz ~1	CSR	C - V	453	730	1095	1550	1662	717	3.02	1810	425x500x350	3/8	3/8	30.1	1D
	CNX18TB_M	18.0	7/8	38	-	HMBP	220-240V 50Hz ~1	CSR	C - V	694	1059	1559	2195	2353	982	3.99	2564	430x500x350	3/8	3/8	33	1C

R290 LBP • 50 Hz

	MODEL	DISPLACEMENT cm ³	POWER hp	MAX. AMBIENCE TEMP. T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY								VERSION "3"				DESIGN
									W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								DIMENSIONS W x L x H mm	TUBES			
									SUCTION Inch	COMPRESSION Inch	WEIGHT Kg										
-40	-30	-23.3			-20	-10															
												W	W inp	A							
	CNLY45LAa_N	4.56	1/6	43	T	HMBP	220-240V 50Hz ~2	CSIR	C - V	103	175	238	172	1.0	270	383	320x425x220	3/8	1/4	15.5	3B
	CNLY45LAb_N	4.56	1/6	43	T	HMBP	220-240V 50Hz ~3	CSR	C - V	103	175	238	160	0.99	270	383	320x425x220	3/8	1/4	15.5	3A
	CNLY60LAa_N	5.98	1/5	43	T	HMBP	220-240V 50Hz ~4	CSIR	C - V	137	205	272	211	1.02	307	443	320x425x220	3/8	1/4	17	3B
	CNLY60LAb_N	5.98	1/5	43	T	HMBP	220-240V 50Hz ~5	CSR	C - V	137	205	272	199	1.0	307	443	320x425x220	3/8	1/4	17	3A
	CNLY80LAa_N	8.1	1/4	43	T	HMBP	220-240V 50Hz ~6	CSIR	C - V	198	266	334	260	2.0	371	514	320x425x220	3/8	1/4	20	3B
	CNLY80LAb_N	8.1	1/4	43	T	HMBP	220-240V 50Hz ~7	CSR	C - V	198	266	334	251	2.02	371	514	320x425x220	3/8	1/4	20	3A
	CNLY90LAa_N	9.09	1/3	43	T	HMBP	220-240V 50Hz ~8	CSIR	C - V	220	321	412	305	2.0	460	638	340x425x245	3/8	1/4	19.2	3B
	CNLY90LAb_N	9.09	1/3	43	T	HMBP	220-240V 50Hz ~9	CSR	C - V	220	321	412	293	1.99	460	638	340x425x245	3/8	1/4	19.2	3A
	CNPY12LAa_N	12.1	3/8	43	T	HMBP	220-240V 50Hz ~10	CSIR	C - V	273	455	588	425	3.02	634	870	350x425x270	3/8	1/4	23	3B
	CNPY12LAb_N	12.1	3/8	43	T	HMBP	220-240V 50Hz ~11	CSR	C - V	273	455	588	414	2.98	634	870	350x425x270	3/8	1/4	23	3A
	CNPY14LAa_N	14.32	1/2	43	T	HMBP	220-240V 50Hz ~12	CSIR	C - V	302	502	654	481	2.98	730	986	350x425x270	3/8	1/4	23.5	3B
	CNPY14LAb_N	14.32	1/2	43	T	HMBP	220-240V 50Hz ~13	CSR	C - V	302	502	654	465	1.99	730	986	350x425x270	3/8	1/4	23.5	3A

 Green Cooling Models (**) Model under development. Provisional performances/data. / See design drawing on page 68

 New Models

R22 HMBP • 50 Hz

MODEL	DISPLACEMENT	POWER	MAX. AMBIENCE TEMP.	T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	EXPANSION	REFRIGERATION CAPACITY W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								VERSION "3"				DESIGN
																	DIMENSIONS	TUBES			
																		SUCTION	COMPRESSION	WEIGHT	
									cm³	hp	mm	Inch	Inch	Kg							
CL40TN_M	4.0	1/6	4.06	-	HMBP	220-240V 50Hz ~1	CSIR	C - V	164	260	396	570	613	296	1.0	671	325x425x235	3/8	1/4	21	3B
CL45TN_M	4.5	1/5	4.5	-	HMBP	220-240V 50Hz ~1	CSIR	C - V	171	280	427	610	655	325	1.0	716	325x425x235	3/8	1/4	21	3B
CL57TN_M	5.7	1/4	5.68	-	HMBP	220-240V 50Hz ~1	CSIR	C - V	205	341	519	739	793	394	2.02	865	325x425x235	3/8	1/4	22	3B
CL76TN_M	7.6	3/8	7.57	-	HMBP	220-240V 50Hz ~1	CSIR	C - V	326	469	689	986	1062	522	3.02	1163	340x425x270	3/8	1/4	23	3B
CL88TN_M	8.8	3/8	8.86	-	HMBP	220-240V 50Hz ~1	CSIR	C - V	348	544	816	1163	1250	620	2.99	1365	350x425x270	3/8	3/8	24	3B
CP12TN_M	12.0	1/2	12.05	-	HMBP	220-240V 50Hz ~1	CSR	C - V	422	709	1101	1597	1721	714	3.02	1885	355x510x300	3/8	3/8	27	2B
CX18TN_M	18.0	3/4	18.4	-	HBP	220-240V 50Hz ~1	CSR	C - V	-	1045	1560	2172	2305	1080	5.1	2491	450x530x340	3/8	3/8	40	1B
CS22TN_M	22.0	7/8	21.77	-	HMBP	220-240V 50Hz ~1	CSR	C - V	692	1255	1906	2644	2818	1226	6.03	3046	425x530x350	5/8	3/8	44	1B
CS26TN_M	26.0	1	25.93	-	HMBP	220-240V 50Hz ~1	CSR	C - V	934	1531	2210	2969	3147	1667	8.02	3379	430x530x350	5/8	3/8	44	1B

R134a 12-42V DC LBP | MBP | HBP

	MODEL	DISPLACEMENT cm³	POWER hp	MAX. AMBIENCE TEMP. °C	T = TROPICALIZED	APPLICATION	VOLTAGE FREQUENCY	MOTOR	REFRIGERATION CAPACITY W Wx 0.86 = kcal/h W x 3.412 = BTU/h Evaporating Temperature °C								VERSION "3"				DESIGN
																	DIMENSIONS W x L x H mm	TUBES			
																		SUCTION	COMPRESSION	WEIGHT	
									rpm	-30	-23.3		-15	-5	5	10	Inch	Inch	Kg		
									W	W in p	A										
CGD30FDC	3.0	1/10	43	T	LBP / MBP / HBP	12 - 42 V DC	12V DC	1500	28	41	27	2,23	63	102	155	186	170x265x170	5/8" 18 UNF male	5/8" 18 UNF female	8	5A
								2167	40	55	40	3,31	87	135	195	233					
								2833	48	68	54	4,53	108	166	-	-					
								3500	56	85	71	5,93	134	-	-	-					

Green Cooling Models / See design drawing on page 68
 ▲ New Models

	Testing cycle conditions			
	CECOMAF		ASHRAE	
	LBP (A)	HMBP (C)	LBP (B)	HMBP (D)
Evaporating temperature °C	-25	5	-23.3	7.2
Condensing temperature °C	55	55	55	55
Liquid temperature °C	55	55	32	46
Suction temperature °C	32	32	32	35
Ambient temperature °C	32	32	32	35

Measurement conversion

R290
 W(A) x 1.16 = kcal/h (B)
 W(C) x 0.98 = kcal/h (D)

R134a
 W(A) x 1.05 = kcal/h (B)
 W(C) x 0.94 = kcal/h (D)

R600a
 W(A) x 1.05 = kcal/h (B)

R404A
 W(A) x 1.17 = kcal/h (B)
 W(C) x 1.02 = kcal/h (D)

R22
 W(C) x 0.94 = kcal/h (D)

GS Compressor's range can be provided with tube or valve



**HUAYI
COMPRESSOR
BARCELONA**

Huayi Compressor Barcelona, S.L.
Antoni Forrellad, 2 · 08192
Sant Quirze del Vallès · BCN · Spain
Phone: +34 93 710 60 08
Fax +34 93 710 69 58

www.huayicompressor.es