

2021

Components Catalogue



Contents

3	Area Cooling Solutions
5	F-Gas Regulation
7	Product range
9	Hermetic compressors
11	Compressors Panasonic
20	Compressors GMCC
25	Compressors AVIC
30	Compressors Kulthorn
32	Compressors Bristol
38	Compressors AREA
41	Compressor Accessories
48	Inverters Bonfiglioli
50	Fans
53	Equivalences

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speaker team



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Europe for leading brands



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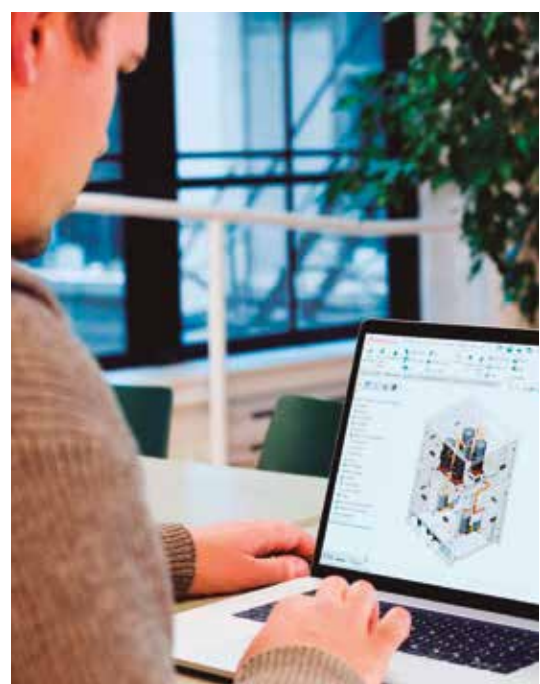
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Since 1986 @ your side for HVAC and Refrigeration projects

We understand your business, and provide you with the best solutions to improve your product range.

We support you during product development, sharing our experience and advising about the ideal component to use for each application.

Over 10 years' experience in inverter driven applications.



Area Cooling Solutions

AREA Cooling Solutions designs, manufactures and distributes refrigeration and airconditioning components and systems since 1986. Our headquarter is located in Sta. Perpetua de la Mogoda (Barcelona) - Spain, while the AREA Design Center is in Wroclaw (Poland). The principles that govern both the design of our products and the selection of our components are:

- Energy efficiency (W/W)
- Good price-feature ratio (€/W)
- Efficiency in material consumption (g/W)

Supported by an excellent logistics, experienced young team for support, flexible production capacity and wide network of international suppliers. We distribute products for the whole refrigeration cycle. We offer more than 26,800 efficient, ecological and top manufacturers references:

Panasonic, GMCC, AVIC, Kulthorn etc.

Panasonic

GMCC



BRISTOL
COMPRESSORS
A KULTHORN KIRBY COMPANY

CRSS

Bonfiglioli



Logistics

We manage the **logistics chain** to make the product widely available in Europe, under EU rules.

- 3 warehouses in Europe
- From one piece to large quantities
- Delivery time 24/48 h anywhere in Europe
- Product liability insurance & full EU warranty

Online selection

Find your compressor in just a few clicks!
Access the all the technical Information,
including capacities and working envelopes
through our new calculation software!

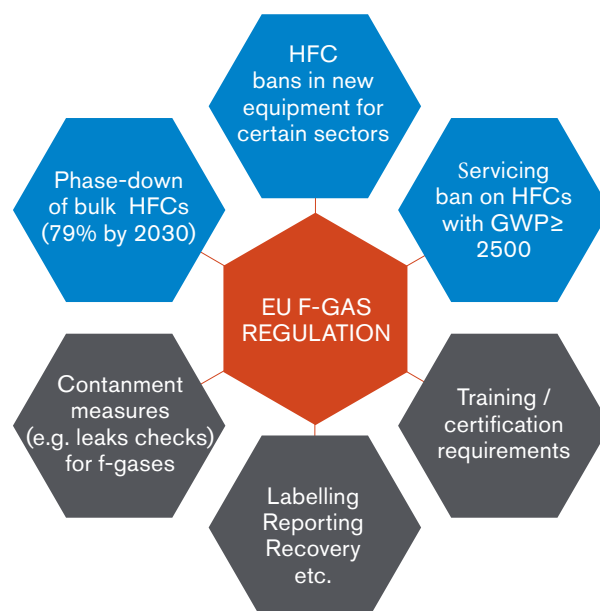
areacooling.com/calculation-software



F-Gas Regulations

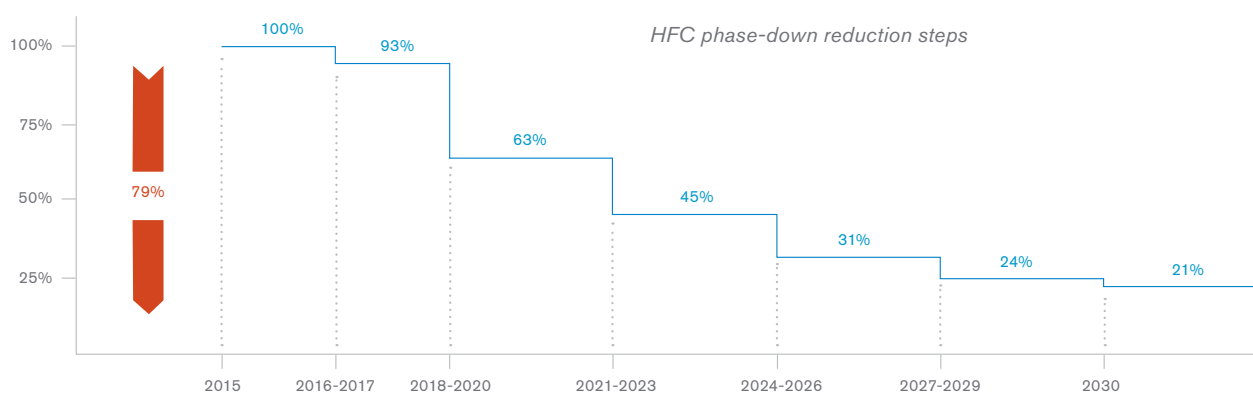
Key elements of F-Gas Regulations

- Measures to avoid use of f-gases
- Measures to prevent leakage of f-gases



Phase-down

The phase-down of hydrofluorocarbons (HFCs) is considered to be one of the key pillars of the Regulation as it aims to reduce the amount of HFCs placed on the EU market (CO₂e) by 79% by 2030, as compared to average levels in 2009-2012.

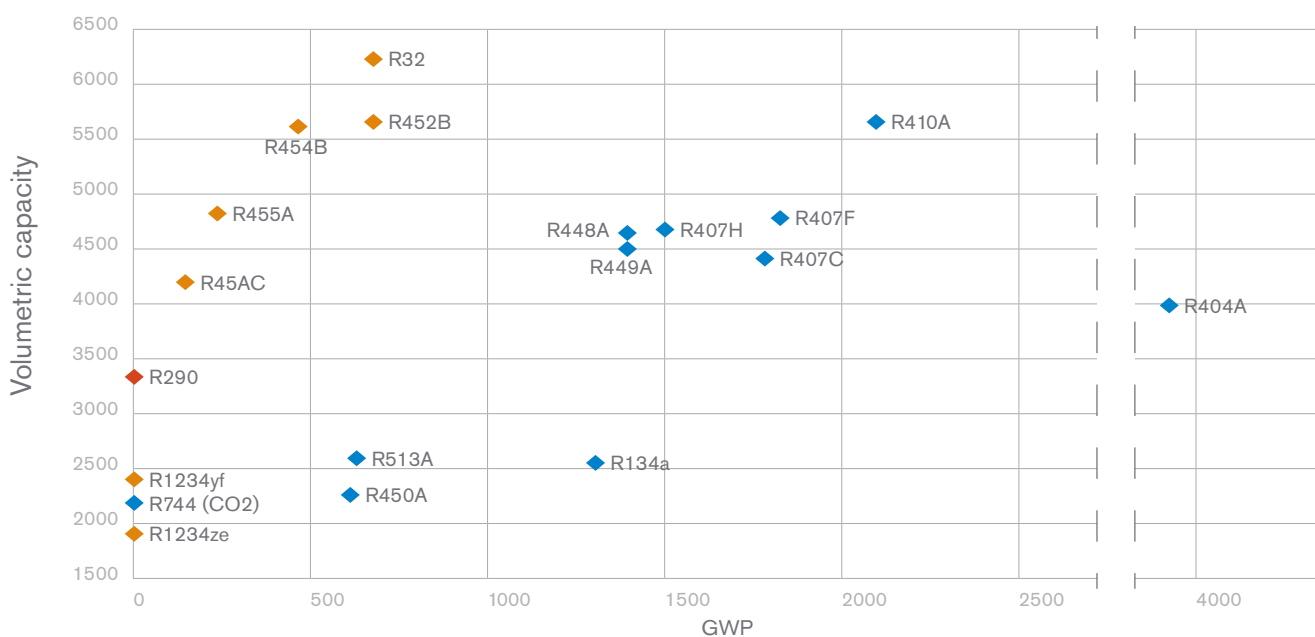


F-Gas Regulations

New equipment

SECTOR	GWP LIMIT	YEAR	SECTOR	GWP LIMIT	YEAR
Domestic refrigeration	150	2015	Centralised commercial refrigeration ($\geq 40\text{kW}$) except in the primary refrigerant circuit of cascade systems where f-gases with a GWP < 1,500 may be used	150	2020
Stationary refrigeration (except < -50°C)	2,500	2020	Movable room AC	150	2020
Hermitically sealed commercial refrigeration	150	2022	Single split AC (<3kg pf f-gases)	750	2025

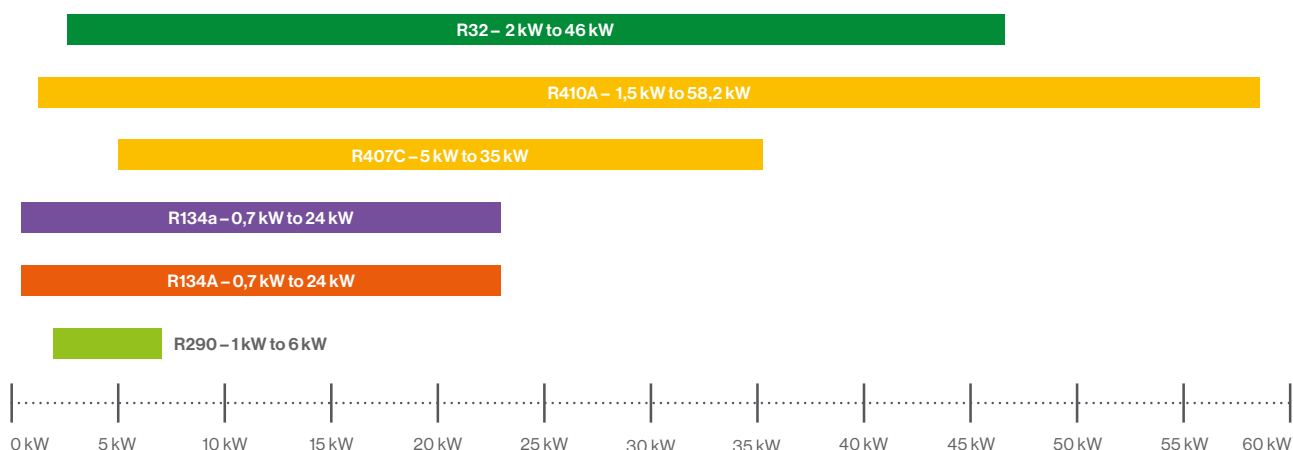
Alternatives to reach F-gas Phase Down Target



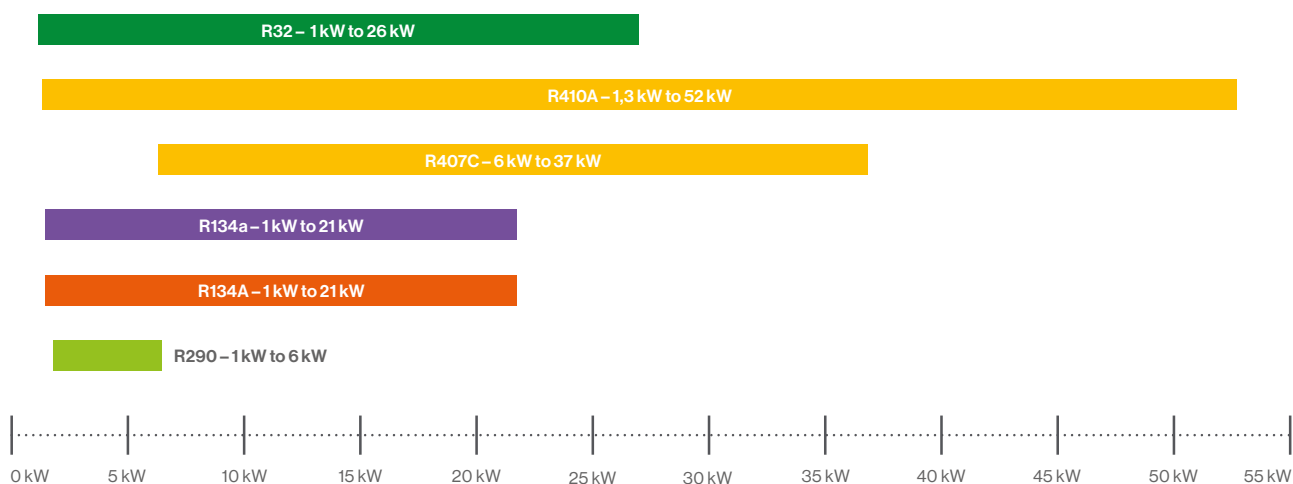
Product range for AC and Heat pump application



Fix Speed Compressors



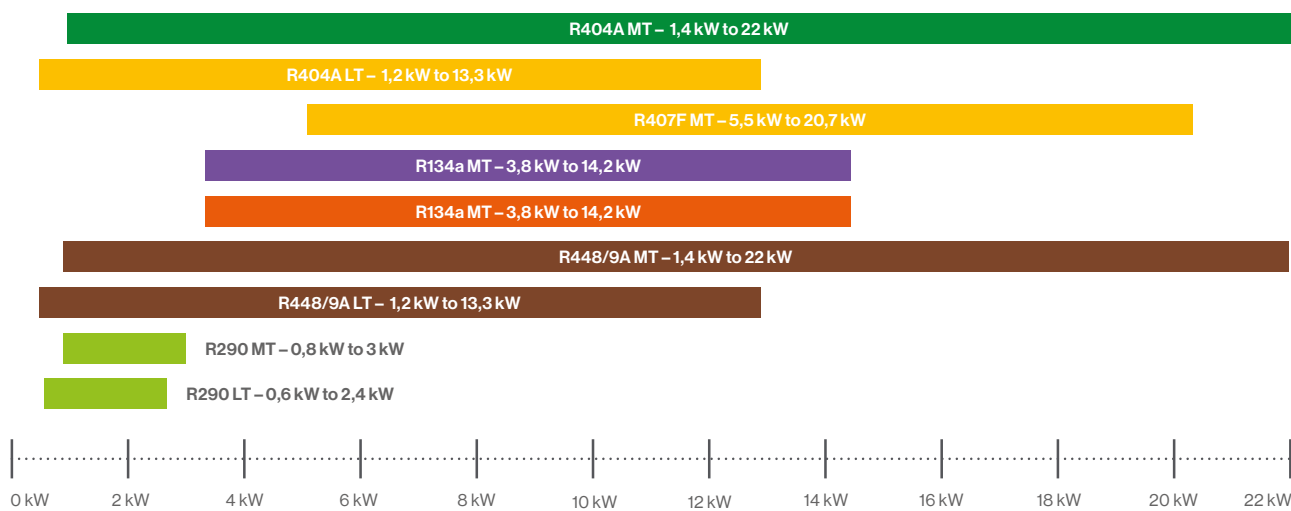
Inverter Compressors



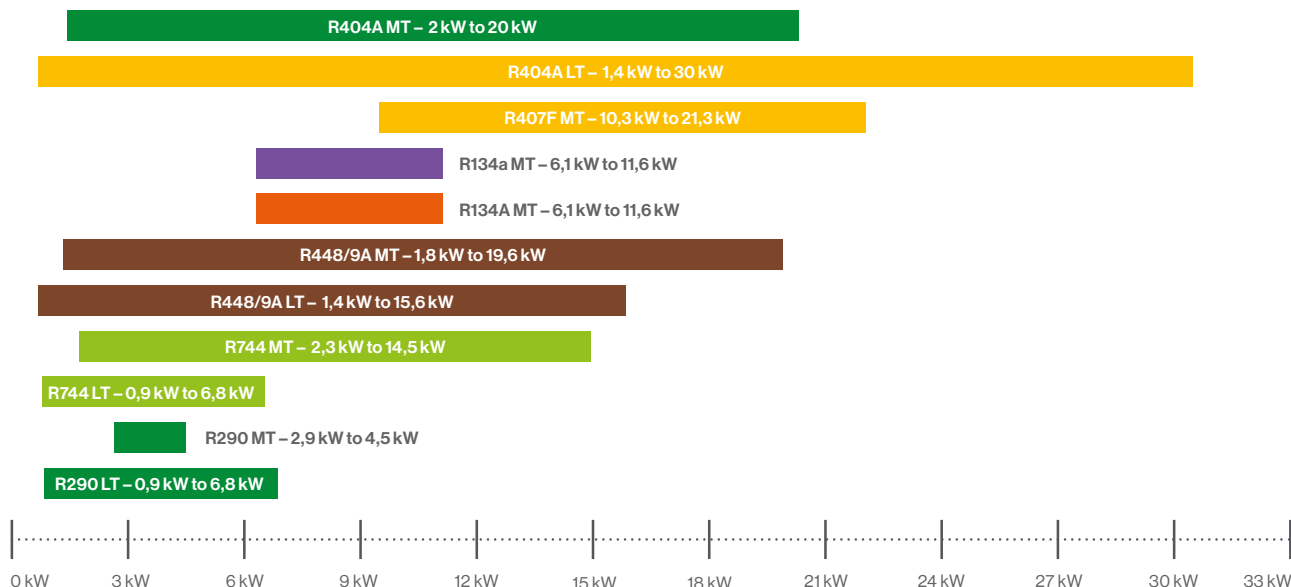
Product range for refrigeration application



Fix Speed Compressors



Inverter Compressors



Working conditions:

HFC/R290 (MT): Tevap = -10°C, Tcond = 45°C, SC = 8,3°C, SH = 11,1°C

HFC (LT): Tevap = -15°C, Tcond = 50°C, SC = 0°C, SH = 33,3°C

R290 (LT): Tevap = -15°C, Tcond = 50°C, SC = 8,3°C, SH = 11,1°C

CO2 (MT): Tevap = -5°C, Pdisch = 9MPa, Tgascooler = 32,2°C, SH = 10°C

CO2 (LT): Tevap = -30°C, Pdisch = 9MPa, Tgascooler = 32,2°C, SH = 10°C

Hermetic compressors



**Smart Solutions
for a Green Future**

Panasonic:

Panasonic is one of the world's largest manufacturers of scroll and rotary compressors with an annual capacity of 1.6 million units. Panasonic compressors have always been chosen by leading European manufacturers for the production of:

Chillers, Reversible Chillers, Air Conditioning, Heat Pumps, Commercial Refrigeration and Mobile application units. Since from beginning Panasonic has been anticipating trends offering suitable compressors range, Inverter, EVI and On/Off, for the majority of available refrigerants: R410A, R407C, R407H, R407F, R404A, R448A, R449A, R134a, R513A and R744.

Compressor design have been studied to offer also quick replacement and compatibility with other known brand in order to offer the best option for after market service.

Constant development will lead, in near future, to new models release for A2L refrigerants with higher performances according to F-Gas and Ecodesign norms.

CRSS (AVIC):

AVIC is one of the world's largest manufacturers of rotary refrigeration compressors with an annual capacity of 10 million units. AVIC is former of SANYO factory with more than 30 year of experience in refrigeration rotary compressor production with world wide top customer for the production of Commercial and Mobile Refrigeration application units. Since from beginning AVIC has been anticipating trends offering suitable Liquid Injection rotary compressors range, Inverter and On-Off, for the majority of available refrigerants: R404A, R448A, R449A, R134a and R513A.

Rotary compressors for refrigeration are step by step replacing big reciprocating compressors offering higher COP and long reliability thanks to lower vibrations and 100% automatized production.

GMCC:

GMCC Welling is the market leader in Asia and the world's biggest rotary compressor manufacturer with an annual production of more than 70 million rotary compressors. As part of the Midea group, GMCC is dedicated to a sustainable and environmentally friendly development of high efficiency, quality, and cost competitive rotary compressors.

Together with the leading home appliance manufacture GMCC is following the low GWP refrigerant and energy efficiency trends in order to be able to offer you the latest and most advanced technology and to help you to achieve your goals. Together with Area Cooling Solutions in Europe, GMCC is offering full technical support during the whole project and product life cycle.

The current product range offers single and twin rotary compressors with a cooling capacity from 0,2 to 20 kW (ARI conditions) for LT and MT Commercial Refrigeration, Air Conditioning, Dehumidifiers, Heat Pumps, Chillers and Mobile Applications. On/Off and BLDC inverter technology with all mayor A1, A2L and A3 refrigerants such as R410A, R407C, R134a, R450A, R32 and R290.

Kulthorn Kirby:

Kulthorn Kirbi Public Company Limited is a reciprocating compressor and motor manufacture located in Thailand. Since 1980, the company develops and produces reciprocating compressors and motors with an extremely high degree of vertical production integration. Using international standard management and quality control systems Kulthorn produces high quality and energy efficient piston compressors certified by SASO, UL, CE, CCC and Q Mark from 2,73 cc to 211 cc displacement (1/20 horsepower to 10 horsepower). Together with the worldwide leading home appliance and commercial refrigeration manufacturers, Kulthorn is offering On/Off and Inverter piston compressors for the most range of A1 / A2L and A3 refrigerants such as R22, R410A, R407C, R134a, R1234yf, R290 and R600.

In 2019, Kulthorn took over the American piston compressor manufacture Bristol.

HERMETIC SCROLL COMPRESSORS PANASONIC



Compressors hermetic scroll Panasonic

R407C, R404A, R407F, R448A, R449A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBN261H5A	3 1/2	55,7	R407C	4.650	5.870	7.090	8.945	7/8	1/2	CPPA0068	1134,23
			R404A	5.220	6.480	7.740	9.610				
			R407F	-	5.899	7.125	8.990				
C-SBN301H5A	4	66,8	R407C	5.620	7.090	8.560	10.805	7/8	1/2	CPPA0075	1.254,52
			R404A	6.260	7.770	9.280	11.520				
			R407F	-	7.125	8.603	10.859				
C-SBS180H15A	5	83,2	R407C	7.710	9.300	11.220	13.530	7/8	1/2	CPPA0095	1.477,94
			R404A	7.810	9.480	11.370	13.729				
			R407F	-	9.347	11.276	13.598				
C-SBS200H15H SG	5 4/5	93,1	R407C	8.110	10.160	12.210	15.300	7/8	1/2	CPPA0111	1.685,88
			R404A	8.232	10.312	12.393	15.530				
			R407F	-	10.211	12.271	15.377				

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC SCROLL COMPRESSORS PANASONIC



Compressors hermetic scroll Panasonic

R407C, R404A, R407F, R448A, R449A

380-415V/ 3ph/ 50Hz & 440-460V/ 3ph/ 60 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBN263H8A	3 1/2	55,7	R407C	4.650	5.870	7.090	8.945	7/8	1/2	CPPA0001	1.134,23
			R404A	5.220	6.480	7.740	9.610				
			R407F	-	5.899	7.125	8.990				
			R449A	4.710	6.000	7.670	9.800				
C-SBS120H38A	3 1/2	55,7	R407C	5.040	6.275	7.510	9.345	7/8	1/2	CPPA0028	1.184,06
			R404A	5.116	6.369	7.623	9.485				
			R407F	5.065	6.306	7.548	9.392				
C-SBS145H38A	4	66,8	R407C	5.980	7.515	9.050	11.479	7/8	1/2	CPPA0077	1.317,50
			R404A	6.070	7.628	9.186	11.651				
			R407F	-	7.553	9.095	11.536				
C-SBN303H8G	4	66,8	R407C	5.620	7.090	8.560	10.805	7/8	1/2	CPPA0008	1.262,04
			R404A	6.260	7.770	9.280	11.520				
			R407F	-	7.125	8.603	10.859				
			R449A	5.690	7.500	9.270	10.900				
C-SBN353H8A	4 1/2	77,4	R407C	7.560	8.760	9.960	12.500	7/8	1/2	CPPA0078	1.502,64
			R404A	7.250	9.000	10.750	13.350				
			R407F	-	8.804	10.010	12.563				
			R449A	6.570	8.500	10.710	13.000				
C-SBN373H8G	5	83,2	R407C	7.660	9.425	11.190	13.775	7/8	1/2	CPPA0002	1.524,11
			R404A	7.660	9.425	11.190	13.775				
			R407F	-	8.710	10.680	13.490				
			R449A	7.110	8.900	11.590	14.000				
C-SBS180H38C	5	83,7	R407C	7.210	9.060	10.910	13.710	7/8	1/2	CPPA0093	1.591,10
			R404A	7.318	9.196	11.074	13.916				
			R407F	-	9.105	10.965	13.779				
C-SBS195H38A	5 1/2	90,6	R407C	8.140	10.140	12.140	15.130	7/8	1/2	CPPA0091	1.654,95
			R404A	8.262	10.292	12.322	15.375				
			R407F	-	10.191	12.201	15.206				
C-SBN453H8G	6	100,0	R407C	8.710	10.910	13.110	16.420	7/8	1/2	CPPA0037	1.600,38
			R404A	9.100	11.345	13.590	16.935				
			R407F	-	10.965	13.176	16.502				
			R449A	8.630	10.900	14.060	16.900				
C-SBS235H38B	7	110,2	R407C	10.420	12.710	15.000	18.295	7/8	1/2	CPPA0017	1.772,23
			R404A	9.820	12.275	14.730	18.405				
			R407F	-	12.774	15.075	18.386				
			R449A	9.560	12.800	15.580	19.200				
C-SCN603H8K	8	137,0	R407C	12.120	15.185	18.250	22.860	1	3/4	CPPA0011	2.287,08
			R404A	12.510	15.560	18.610	23.155				
			R407F	12.181	15.261	18.341	22.974				
			R449A	12.820	15.900	19.330	23.500				
C-SCN673H8K	9	148,8	R407C	13.100	16.415	19.730	24.725	1	3/4	CPPA0098	2.657,98
			R404A	13.420	16.710	20.000	24.900				
			R407F	13.166	16.497	19.829	24.849				
C-SCN753H8K	10	171,2	R407C	15.050	18.740	22.430	27.935	1	3/4	CPPA0004	3.084,89
			R404A	15.830	19.460	23.090	28.380				
			R407F	14.930	18.700	28.150	28.150				
			R449A	15.650	19.200	23.590	29.000				
C-SCN903H8K	12	205,4	R407C	17.530	21.845	26.160	32.600	1	3/4	CPPA0007	3.191,27
			R404A	18.040	22.475	26.910	33.525				
			R407F	17.618	21.954	26.291	32.763				
			R449A	18.270	22.500	27.540	34.500				

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC SCROLL COMPRESSORS PANASONIC



Compressors hermetic scroll Panasonic

R134a, R513A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBN261H5A	3 1/2	55,7	R134a	3.280	4.080	4.880	6.070	7/8	1/2	CPPA0068	1.134,23
C-SBN301H5A	4	66,8	R134a	4.040	5.025	6.010	7.475	7/8	1/2	CPPA0075	1.254,52
C-SBS180H15A	5	83,2	R134a	5.397	6.510	7.854	9.471	7/8	1/2	CPPA0095	1.477,94
C-SBS200H15H SG	5 4/5	93,1	R134a	5.677	7.112	8.547	10.710	7/8	1/2	CPPA0111	1.685,88

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic scroll Panasonic

R134a, R513A

380-415V/ 3ph/ 50Hz & 440-460V/ 3ph / 60 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBN263H8A	3 1/2	55,7	R134a R513A	3.280 3.050	4.080 3.790	4.880 4.750	6.070 5.870	7/8	1/2	CPPA0001	1.134,23
C-SBS120H38A	3 1/2	55,7	R134a R513A	3.010 3.180	3.870 3.950	4.730 4.950	6.090 6.200	7/8	1/2	CPPA0028	1.184,06
C-SBS145H38A	4	66,8	R134a R513A	4.186 3.810	5.261 4.740	6.335 5.940	8.035 7.800	7/8	1/2	CPPA0077	1.317,50
C-SBN303H8G	4	66,8	R134a R513A	4.040 3.690	5.025 4.580	6.010 5.740	7.475 7.250	7/8	1/2	CPPA0008	1.262,04
C-SBN353H8A	4 1/2	77,4	R134a R513A	4.700 4.260	5.845 5.290	6.990 6.640	8.690 8.200	7/8	1/2	CPPA0078	1.502,64
C-SBN373H8G	5	83,2	R134a R513A	5.760 4.610	6.635 5.730	7.510 7.180	9.345 8.250	7/8	1/2	CPPA0002	1.524,11
C-SBS180H38C	5	83,7	R134a R513A	4.820 4.680	6.090 5.810	7.360 7.900	9.305 11.240	7/8	1/2	CPPA0093	1.591,10
C-SBS195H38A	5 1/2	90,6	R134a R513A	5.698 4.610	7.098 5.730	8.498 7.180	10.591 8.250	7/8	1/2	CPPA0091	1.654,95
C-SBN453H8G	6	100,0	R134a R513A	6.160 5.600	7.665 6.950	9.170 11.125	11.400 13.450	7/8	1/2	CPPA0037	1.600,38
C-SBS235H38B	7	110,2	R134a R513A	7.220 6.200	8.805 7.700	10.390 9.660	12.670 12.500	7/8	1/2	CPPA0017	1.772,23
C-SCN603H8K	8	137,0	R134a R513A	8.440 8.150	10.495 10.060	12.550 12.460	15.605 15.300	1	3/4	CPPA0011	2.287,08
C-SCN673H8K	9	148,8	R134a R513A	9.050 8.800	11.275 10.870	13.500 13.460	16.815 17.000	1	3/4	CPPA0098	2.657,98
C-SCN753H8K	10	171,2	R134a R513A	10.210 9.940	12.720 12.280	15.230 15.210	18.965 18.900	1	3/4	CPPA0004	3.084,89
C-SCN903H8K	12	205,4	R134a R513A	12.430 11.600	15.460 14.340	18.490 17.760	22.990 21.500	1	3/4	CPPA0007	3.191,27

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC SCROLL COMPRESSORS PANASONIC



Inverter Compressors hermetic scroll Panasonic

R407C, R404A, R407F, R448A, R449A



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
				-10°C	-5°C	0°C	5°C								
C-SBS180H00B	5	55,7	R407C	-	11129	13.890	17118	7/8	1/2	90	-	ACS402213FA	AC Inverter	CPPA0056	1.738,31
			R404A	8.990	11.082	13.470	16.501								
			R449A	8.970	11.165	13.860	17.250								
C-SBVN373L0B	5	85,5	R407C	11.550	14.900	16.150	19.000	1	1/2	80	-	ACS402233FA	AC Inverter	CPPA0114	2.136,43
			R404A	11.710	15.100	16.380	19.300								
			R449A	12.350	15.300	18.630	22.500								
4CC149NA11	9	148,8	R407C	18.800	23.250	28.040	36.500	1	3/4	70	-	-	AC Inverter	CPPA0274	3.140,39
			R404A	17.030	20.250	24.070	28.620								

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

*Inverter price is not included



Inverter Compressors hermetic scroll Panasonic

R134a, R513A



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
				-10°C	-5°C	0°C	5°C								
C-SBS180H00B	5	55,7	R134a	5.500	6.883	8.480	10.543	7/8	1/2	90	-	ACS402213FA	AC Inverter	CPPA0056	1.738,31
			R513A	5.780	7.250	9.080	11.000								
C-SDVN543H0C	12	80,5	R134a	12.000	13.190	16.170	23.500	1	5/8	120	-	ACU40127A	BLDC Inverter	CPPA0046	3.627,95

HERMETIC SCROLL COMPRESSORS PANASONIC



Compressors hermetic scroll Panasonic EVI

R407C

380-415V/ 3ph / 50Hz & 440 -460V/ 3ph/ 60 Hz



MODEL	HP	CM3	GAS	HEATING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBS120H38Q EVI	3 1/2	55,7	R407C	9.880	11.140	12.400	13.980	7/8	1/2	CPPA0070	1.485,94
C-SBS145H38Q EVI	4	66,8	R407C	11.590	12.960	14.330	16.025	7/8	1/2	CPPA0089	1.613,66
C-SBS180H38Q EVI	5	83,2	R407C	14.040	15.915	17.790	20.170	7/8	1/2	CPPA0088	1.794,59
C-SBS205H38Q EVI	6	96,2	R407C	16.240	18.410	20.580	23.325	7/8	1/2	CPPA0072	2.025,72
C-SCS295H38Q EVI	8	137,0	R407C	23.510	26.620	29.730	33.660	1	3/4	CPPA0073	3.891,00
C-SCS370H38Q EVI	10	171,2	R407C	27.790	31.540	35.290	40.045	1	3/4	CPPA0090	4.024,89
C-SCS435H38Q EVI	12	205,4	R407C	33.300	37.790	42.280	47.975	1	3/4	CPPA0099	3.953,49



Compressors hermetic scroll Panasonic

R410A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBP120H15A	3 1/2	39,9	R410A	5.010	6.250	7.490	9.340	7/8	1/2	CPPA0049	1.336,92
C-SBP140H15A	4	46,4	R410A	6.090	7.500	8.910	10.935	7/8	1/2	CPPA0085	1.438,38
C-SBP160H15A	4 3/5	51,8	R410A	6.650	8.240	9.830	12.135	7/8	1/2	CPPA0064	1.483,59

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC SCROLL COMPRESSORS PANASONIC



Compressors hermetic scroll Panasonic

R410A

380-415V/ 3ph / 50Hz & 440-460V/ 3ph / 60 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
C-SBP120H38B	3 1/2	39,6	R410A	5.110	6.330	7.550	9.350	7/8	1/2	CPPA0041	1.336,92
C-SBP140H38B	4	46,4	R410A	5.950	7.360	8.770	10.850	7/8	1/2	CPPA0026	1.438,38
C-SBP160H38B	4 3/5	52,0	R410A	6.580	8.220	9.860	12.325	7/8	1/2	CPPA0020	1.483,59
C-SBP170H38B	5	54,8	R410A	7.370	9.080	10.790	13.295	7/8	1/2	CPPA0027	1.568,56
C-SBP205H38B	6	66,8	R410A	8.890	10.880	12.870	15.750	7/8	1/2	CPPA0039	1.636,01
C-SBP235H38B	7	76,0	R410A	10.660	12.990	15.320	18.675	7/8	1/2	CPPA0033	1.753,74
C-SCP270H38B	8	89,2	R410A	15.437	18.448	21.458	25.643	1	3/4	CPPA0015	3.380,67
C-SCP315H38B	10	104,1	R410A	17.820	21.296	24.771	29.602	1	3/4	CPPA0016	3.474,68
C-SCP360H38B	11	120,2	R410A	16.857	20.167	23.477	28.087	1	3/4	CPPA0006	3.568,68
C-SCP400H38B	12	127,8	R410A	18.554	22.197	25.840	30.914	1	3/4	CPPA0010	3.662,67
C-SCP435H38B	13	148,8	R410A	20.310	24.750	29.190	35.570	1	3/4	CPPA0018	3.953,49
C-SCP510H38B	15	171,2	R410A	21.580	27.535	33.490	40.925	1 3/8	7/8	CPPA0014	4.239,11
5CC227LA01	20	227,6	R410A	31.930	36.500	45.450	53.250	1 1/4	1	CPPA0315	On demand

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



DC Inverter Compressors hermetic scroll Panasonic

R410A



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
				-10°C	-5°C	0°C	5°C								
C-SDP205H02B	6	42,3	R410A	11.510	13.950	16.390	19.870	7/8	1/2	90	-	ACS402213FA	BLDC Inverter	CPPA0029	2.620,08
C-SDP330H02B	10	66,8	R410A	18.820	22.500	26.180	31.295	7/8	1/2	90	-	ACS402233FA	BLDC Inverter	CPPA0021	3.412,12
C-SDVN453H0D	10	66,8	R410A	23.780	28.500	33.920	40.000	1	5/8	120	-	ACU40125A	BLDC Inverter	CPPA0074	3.437,65
C-SDVN543H0C	12	80,5	R410A	28.320	35.700	40.680	47.800	1	5/8	120	-	ACU40127A	BLDC Inverter	CPPA0046	3.627,95

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

*Inverter price is not included

HERMETIC SCROLL COMPRESSORS PANASONIC



Compressors hermetic scroll Panasonic

R32

380-415V/ 3ph / 50H z



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
9CB039SA0B	3 1/2	39,0	R32	-	6.750	8.170	9.750	7/8	1/2	-	On demand
9CB051SA0B	4 1/2	51,0	R32	-	9.000	10.810	13.000	7/8	1/2	-	On demand
9CB067SA0B	6	67,0	R32	9.000	11.800	13.460	16.000	7/8	1/2	-	On demand
9CB076SA0B	7	76,0	R32	11.500	13.800	15.480	19.000	7/8	1/2	-	On demand
9CC089SA0B	8	89,0	R32	12.890	15.900	18.750	22.450	7/8	1/2	-	On demand
9CC104SA0B	10	104,0	R32	15.500	18.500	21.970	26.000	7/8	1/2	-	On demand
9CC120SA0B	11	120,0	R32	-	19.256	23.920	29.336	7/8	1/2	-	On demand
9CC132SA0B	12	132,0	R32	17.090	21.900	26.810	32.500	7/8	1/2	-	On demand
9CC149SA0B	13	149,0	R32	19.770	25.700	31.110	37.800	7/8	1/2	-	On demand
9CC171SA0B	15	171,0	R32	25.870	31.000	36.290	43.000	7/8	1/2	-	On demand

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic scroll Panasonic

R404 A, R44 8A, R449A

380-415V/ 3ph / 50Hz & 440-460V/ 3ph / 60 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-30°C	-20°C	-15°C	-10°C				
C-SBN373L8A	5	83,2	R404A R449A	3.070 2.930	4.820 4.500	6.040 5.780	7.560 7.080	7/8	1/2	CPPA0076	1.636,66
C-SBN453L8A	6	96,2	R404A R449A	3.570 3.490	5.600 5.454	7.010 6.890	8.780 8.440	7/8	1/2	-	1.966,30
C-SCN453L8H	6	104,0	R404A	4.480	6.390	7.630	9.120	7/8	3/4	CPPA0092	4.695,44
C-SCN523L8H	7	120,0	R404A	4.700	7.100	8.720	10.720	7/8	3/4	CPPA0104	4.778,13
C-SCN603L8H	8	137,0	R404A R449A	5.250 4.790	7.860 7.700	9.620 9.530	11.760 11.650	7/8	3/4	CPPA0030	4.860,71
C-SCN753L8H	10	171,2	R404A R449A	6.380 6.250	9.930 9.800	12.390 12.430	15.450 15.200	7/8	3/4	CPPA0043	5.009,54

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC SCROLL COMPRESSORS PANASONIC



Inverter Compressors hermetic scroll Panasonic

R40 4A, R448 A, R4 49A



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
				-30°C	-20°C	-15°C	-10°C								
C-SCVN603L0J	8	144,1	R404A	8.380	12.630	15.110	17.840	7/8	5/8	75	-	ACS402233FA	AC Inverter	CPPA0096	5.008,76
			R448A	8.380	12.620	15.100	17.830								
			R449A	8.260	12.440	14.890	17.580								

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

*Inverter price is not included



Inverter Compressors hermetic scroll Panasonic

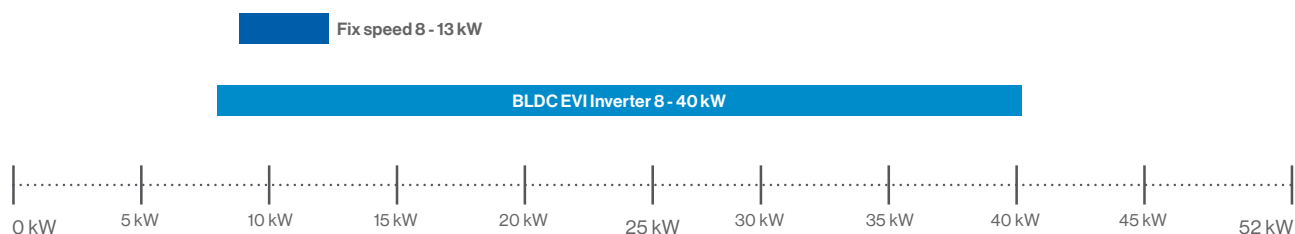
R407 C, R404A, R134a, R407F



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
				-10°C	-5°C	0°C	5°C								
C-SWS225H00C	7	74,4	R407C	12.350	15.347	18.690	22.622	3/4	1/2	75	-	ACS402233FA	AC Inverter	CPPA0137	5.008,97
			R134a	7.950	9.760	11.980	14.710								

HERMETIC SCROLL COMPRESSORS PANASONIC
COMING SOON

Range for R454C and R455A refrigerants



Conditions:

Condensation Temp.: 50°C | Evaporation Temp.: -7°C for fix models
 Condensation Temp.: 54°C | Evaporation Temp.: 7,2°C | Speed: 100rps for inverter models

*EVI models are applicable for LT and Heat Pump applications.

HERMETIC ROTARY COMPRESSORS GMCC



Compressors hermetic rotary GMCC

R22

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
HSM150V4UDZ	15,1	R22	1.490	1.816	2.128	2.461	1/2	3/8	PSC	CPGM0054	263,27
HSM200V1UFT	20,1	R22	1.764	2.239	2.711	3.188	1/2	3/8	PSC	CPGM0053	349,73
PH420G2CS-4KU1	42,3	R22	3.720	4.723	5.719	6.726	1/2	3/8	PSC	CPGM0048	544,25

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



Compressors hermetic rotary GMCC

R22

380-415V/ 3ph / 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-5°C	0°C	5°C	10°C					
YH460X3CS-4MUC1	45,9	R22	5.135	6.209	7.381	8.710	5/8	3/8	3IR	CPGM0049	669,97

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



Compressors hermetic rotary GMCC

R410A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
ASN68V1UZZ1	6,8	R410A	927	1.105	1.314	1.558	3/8	3/8	PSC	CPGM0073	272,88
PA89M1C-4DZDE	8,9	R410A	1.165	1.393	1.660	1.975	3/8	3/8	PSC	CPGM0003	289,53
PA108M1C-4DZDE2	10,8	R410A	1.402	1.678	2.003	2.384	3/8	3/8	PSC	CPGM0008	304,37
PA125G1C-4FTL1	12,4	R410A	1.637	1.956	2.334	2.778	1/2	3/8	PSC	CPGM0009	326,64
PA150M2A-7FTS1	15,0	R410A	2.024	2.421	2.888	3.437	1/2	3/8	PSC	CPGM0007	376,69
PA170M2C-4ET2	17,1	R410A	2.280	2.727	3.258	3.883	1/2	3/8	PSC	CPGM0011	382,35
PA215M2AS-4KU	21,4	R410A	2.914	3.486	4.164	4.963	1/2	3/8	PSC	CPGM0005	421,30
PA240M2CS-4KU1	23,9	R410A	-	3.364	4.021	4.787	3/8	1/4	PSC	CPGM0006	499,38
PA270G2C-4FT1	27,0	R410A	3.656	4.361	5.198	6.179	1/2	3/8	PSC	CPGM0010	551,21
PA290G2CS-4MU1	28,7	R410A	4.048	4.829	5.755	6.841	5/8	3/8	PSC	CPGM0012	577,21
PA331X3CS-4MU1	32,6	R410A	4.475	5.345	6.379	7.593	5/8	3/8	PSC	CPGM0004	601,35

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

HERMETIC ROTARY COMPRESSORS GMCC



DC Inverter Compressors hermetic rotary GMCC

R410A



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-10°C	-5°C	0°C	5°C								
ASN108D32UFZ	10,8	R410A	2.802	3.334	3.959	4.690	1/2	3/8	90	ACS202 18.2 FA	-	BLDC Inverter	-	275,34
ATN130D42UFZ	13,1	R410A	3.506	4.164	4.937	5.843	1/2	3/8	90	ACS202 19.3 FA	-	BLDC Inverter	CPGM0114	545,51
DA150S1C-20FZ	15,0	R410A	-	5.645	6.760	8.017	1/2	3/8	90	ACS202 19.3 FA	AGL40218 2 FA	BLDC Inverter	CPGM0014	559,92
ATF200D22UMT	20,2	R410A	5.352	6.361	7.546	8.937	5/8	3/8	90	-	ACS40219 3 FA	BLDC Inverter	CPGM0115	604,43
DA250S2C-30MT	25,1	R410A	-	7.700	9.272	11.058	5/8	3/8	90	-	ACS40221 3 FA	BLDC Inverter	CPGM0034	598,74
ATQ360D1UMU	36,3	R410A	10.014	11.893	14.102	16.689	5/8	3/8	90	-	ACS40221 3 FA	BLDC Inverter	CPGM0025	832,53
ATQ420D1UMU	41,5	R410A	-	12.951	15.583	18.574	5/8	3/8	90	-	ACS40221 3 FA	BLDC Inverter	CPGM0015	997,89

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

*Inverter price is not included



Compressors hermetic rotary GMCC

R32

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
KSN93V11UDZ1	9,2	R32	1.161	1.414	1.719	2.078	3/8	3/8	PSC	CPGM0108	237,07
KSM106V1VFT	10,6	R32	1.336	1.627	1.978	2.391	1/2	3/8	PSC	CPGM0111	290,33
KSG186V1VKT	18,6	R32	2.405	2.919	3.531	4.245	1/2	3/8	PSC	CPGM0104	343,20
KSG250V1VMT	25,1	R32	3.226	3.930	4.779	5.776	5/8	3/8	PSC	CPGM0112	354,31
KSG280V1VMU	27,9	R32	3.585	4.368	5.312	6.420	5/8	3/8	PSC	CPGM0105	358,02

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

HERMETIC ROTARY COMPRESSORS GMCC



Compressors hermetic rotary GMCC

R32



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-10°C	-5°C	0°C	5°C								
KSK66D43UEZA	6,7	R32	1.716	2.040	2.422	2.867	3/8	3/8	90	ACS202 15 2 FA	-	BLDC Inverter	CPGM0095	259,94
KTN110D42UFZ	11,1	R32	3.075	3.653	4.331	5.126	1/2	3/8	90	ACS202 18 2 FA	-	BLDC Inverter	CPGM0099	339,57
KTN150D42UFR	14,9	R32	4.234	5.029	5.962	7.056	1/2	3/8	90	ACS202 19 3 FA	AGL402 15 2 FA	BLDC Inverter	CPGM0100	340,66
KTF235D22UMT	23,5	R32	6.228	7.558	9.147	10.998	5/8	3/8	90	-	ACS402 19 3 FA	BLDC Inverter	CPGM0033	509,13
KTF310D43UMT	30,8	R32	8.330	10.108	12.233	14.709	5/8	3/8	90	-	ACS402 21 3 FA	BLDC Inverter	CPGM0090	602,47
KTQ420D1UMU	41,5	R32	11.529	13.990	16.931	20.357	5/8	3/8	90	-	ACS402 22 3 FA	BLDC Inverter	CPGM0107	793,80

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

*Inverter price is not included



Compressors hermetic rotary GMCC

R134a

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
JSK64V16UZH	6,4	R134a	350	447	557	678	1/4	1/4	PSC	CPGM0058	200,27
RJSN82V12TZRB1	8,2	R134a	434	543	674	828	3/8	1/4	PSC	CPGM0113	171,13
RJSN118V1TZR	11,7	R134a	669	854	1.062	1.294	3/8	1/4	PSC	CPGM0057	215,59
PJ125G1C-4DZDE	12,4	R134a	719	843	1.052	1.330	3/8	3/8	PSC	CPGM0001	303,11
PJ160G1C-4DZ	16,0	R134a	928	1.088	1.357	1.716	3/8	3/8	PSC	CPGM0044	317,76
PJ215G1C-4FT	21,3	R134a	1.231	1.442	1.799	2.274	1/2	3/8	PSC	CPGM0035	335,58
PJ250M2C-4FT	25,0	R134a	1.497	1.754	2.188	2.766	1/2	3/8	PSC	CPGM0002	365,36
PJ340M2CS-4KU	34,0	R134a	1.969	2.430	3.017	3.879	1/2	3/8	PSC	CPGM0045	465,50

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

HERMETIC ROTARY COMPRESSORS GMCC



Mini Compressors hermetic rotary GMCC

R134a
24V/48V



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C						
JSV20D24TZB	2,0	R134a	172	224	286	361	1/4	1/4	75	DC24V	CPGM0110	438,73
JSV20D42T2M	2,0	R134a	330 (ARI)				1/4	1/4	75	DC48V	CPGM0026	534,19

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



Compressors hermetic rotary GMCC

R290
220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
RDSK57V11EZR	5,7	R290	754	1.085	1.518	1.786	-	-	PSC	CPGM0028	184,82
RDSM89V1TDZ	8,9	R290	1.250	1.700	-	-	3/8	3/8	PSC	CPGM0088	284,62
RDSM215V2TDZ	21,4	R290	-	-	-	-	3/8	3/8	PSC	CPGM0167	538,45
DSG320S1UFT	31,8	R290	4.400	5.980	-	-	1/2	3/8	PSC	CPGM0093	379,50

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



DC Inverter Compressors hermetic rotary GMCC

R290



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-10°C	-5°C	0°C	5°C								
DSM180D19UDZ	17,9	R290	2.850	3.377	3.975	4.654	3/8	3/8	90	ACS20218 2 FA	-	BLDC Inverter	CPGM0051	515,33
DTN210D32UFZ	20,9	R290	3.393	4.022	4.733	5.542	1/2	3/8	90	ACS20219 3 FA	-	BLDC Inverter	CPGM0091	570,61
LDZM400D53UMC	40,0	R290	8.000	9.800	11.700	-	3/4"	3/8"	132	-	ACS40221 3FA	BLDC Inverte	CPGM0161	1.045,24

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

*Inverter price is not included

HERMETIC ROTARY COMPRESSORS GMCC



Compressors hermetic rotary GMCC

R407C

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
PG225X2C-4FT	22,4	R407C	2.061	2.520	3.050	3.666	1/2	3/8	PSC	CPGM0016	388,78
PG330G2C-7KTS	32,8	R407C	2.884	3.597	4.320	5.128	1/2	3/8	PSC	CPGM0017	462,03
PG400G2C-7FTS	39,8	R407C	3.516	4.385	5.268	6.253	1/2	3/8	PSC	CPGM0030	556,02

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



DC Inverter Compressors hermetic rotary Panasonic & GMCC

CO₂



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCH. PIPE (")	SPEED (RPS)	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-10°C	-5°C	0°C	5°C								
C-CV63M0A	2,0	R744	920	1.040	1.170	1.310	1/4	1/4	70	ACS202111FA	-	BLDC Inverter	CPPA0270	On demand
C-CV153H0P	4,5	R744	1.669	1.898	2.135	2.371	3/8	3/8	100	ACS202182FA	-	BLDC Inverter	CPPA0066	On demand
C-CV163L0A	4,5	R744	2.200	2.600	2.900	3.300	3/8	3/8	100	ACS202182FA	-	BLDC Inverter	CPPA0125	On demand
LCSM50D55WFT	5,0	R744	5.107	6.016	7.026	-	3/8	1/4	100	ACS202193FA	-	BLDC Inverter	CPGM0019	901,25
C-CV303H0T	8,0	R744	2.150	2.550	3.020	3.580	1/4	3/8	83	ACS202193FA	-	BLDC Inverter	CPPA0127	On demand
C-CV753L0U	20,8	R744	12.310	14.130	16.120	18.260	1	1	60	-	ACS402233FA	BLDC Inverter	CPPA0036	On demand

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

*Inverter price is not included

HERMETIC ROTARY COMPRESSORS AVIC



Compressors hermetic rotary AVIC

R448A, R449A, R404A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-25°C	-20°C	-15°C	-10°C					
C-1RN45L5A	8,9	R448A/ R404A	600	700	850	1.000	3/8	3/8	CSR	CPAV0002	349,76

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 32,2°C | Ambient Temp.: 32,2°C



Compressors hermetic rotary AVIC

R448A, R449A, R454C, R455A, R404A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-25°C	-20°C	-15°C	-10°C					
C-R133L4AL	13,3	R448A/ R455A	779	972	1.196	1.451	1/2	3/8	CSR	CPAV0008	380,71
			793	1.007	1.249	1.519					
C-RV161L4AAL	16,1	R448A/ R455A	953	1.189	1.463	1.775	1/2	3/8	CSR	CPAV0003	384,80
			968	1.229	1.525	1.855					
C-RV190L4AAL	19,0	R448A/ R455A	1.155	1.440	1.772	2.151	1/2	3/8	CSR	CPAV0004	393,70
			1.180	1.498	1.859	2.261					
C-R220L4AL	22,0	R448A/ R455A	1.339	1.669	2.054	2.492	1/2	3/8	CSR	CPAV0007	400,19
			1.364	1.733	2.149	2.615					

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 18,3°C | Ambient Temp.: 32,2°C



Compressors hermetic rotary AVIC

R407C, R454C, R455A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
C-RV226H7NA	22,6	R407C/ R455A	2.031	2.435	2.910	3.457	1/2	3/8	PSC	CPAV0005	218,71
			3.900 (T _{ev} 7,2°C)								

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

HERMETIC ROTARY COMPRESSORS AVIC



Compressors hermetic rotary AVIC horizontal

R448A, R449A, R454C, R455A, R404A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-25°C	-20°C	-15°C	-10°C					
C-RHN75E5A	13,3	R448/ R404A	850	1.000	1.250	1.500	1/2	3/8	CSR	CPAV0010	387,78
C-RHN110E5A	22,0	R448/ R404A	1.384	1.726	2.124	2.124	1/2	3/8	CSR	CPAV0009	417,90
C-3RH463L4AAL	46,3	R448/ R455A	2.741 2.655	3.418 3.371	4.206 4.182	5.104 5.088	1/2	3/8	CSR	CPAV0022	619,76
C-3RHV359L4AAL	35,9	R448/ R404A	2.150	2.650	3.200	4.050	1/2	3/8	CSR	CPAV0016	559,62

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 18,3°C | Ambient Temp.: 32,2°C



Compressors hermetic rotary AVIC horizontal

R448A, R449A, R454C, R455A, R404A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-25°C	-20°C	-15°C	-10°C					
C-3RH322L4AAL	32,2	R448/ R455A	1.850 1.761	2.250 2.236	2.600 2.774	2.950 3.374	1/2	3/8	CSR	CPAV0012	538,30

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 32,2°C | Ambient Temp.: 32,2°C



Compressors hermetic rotary AVIC horizontal

R448A, R449A, R454C, R455A, R404A

380V/ 3ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-25°C	-20°C	-15°C	-10°C					
C-RHN223L8A	46,3	R448/ R455A	1.384 2.427	1.726 3.081	2.124 3.822	2.578 4.650	1/2	3/8	CSR	CPAV0017	672,88

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 18,3°C | Ambient Temp.: 32,2°C

HERMETIC ROTARY COMPRESSORS AVIC



Compressors hermetic rotary AVIC

R407C, R454C, R454C, R455A

380-415V/ 3ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-10°C	-5°C	0°C	5°C					
C-2RN163H8W	34,2	R407C/ R455A	3.000	3.500	4.100	4.700	1/2	3/8	3IR	CPAV0019	342,34
			5.600 (T _{ev} 7,2°C)								
C-RN213H8A	46,3	R407C	4.000	5.000	6.000	7.000	5/8	3/8	3IR	CPAV0021	393,50
C-RN223H8D	48,6	R407C/ R455A	4.500	5.400	6.300	7.200	5/8	3/8	3IR	CPAV0020	407,26
			8.000 (T _{ev} 7,2°C)								
C-RN243H8A	54,7	R407C/ R455A	5.018	6.021	7.025	8.028	5/8	3/8	3IR	CPAV0015	423,01
			8.920 (T _{ev} 7,2°C)								

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



Compressors hermetic rotary AVIC

R448A, R449A, R404A



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-30°C	-20°C	-15°C	-10°C							
C-7RVN113LOA	23,3	R448A/ R404A	1.551	2.414	2.964	3.594	5/8	3/8	ACS20219 3 FA	-	BLDC inverter	CPAV0014	687,66
C-7RVN153LOA	32,0	R448A/ R404A	3.074	4.412	5.158	5.956	5/8	3/8	ACS20218 2 FA	-	BLDC inverter	CPAV0025	740,96

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 18,3°C | Ambient Temp.: 32,2°C | Speed 80rps

*Inverter price is not included



Compressors hermetic rotary AVIC

R454C, R455A



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-10°C	-5°C	0°C	5°C							
C-8RZ420L4AAL	42,0	R455A	6.000	7.500	8.900	10.100	5/8	3/8	-	-	BLDC inverter		802,72

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 18,3°C | Ambient Temp.: 32,2°C | Speed 90rps

*Inverter price is not included

HERMETIC ROTARY COMPRESSORS AVIC



Compressors hermetic rotary AVIC horizontal

R290

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
			-25°C	-20°C	-15°C	-10°C					
C-RHV320L9NA	32,0	R290	-	-	-	-	1/2	3/8	PSC		577,80
C-RHV220L9AAL	22,0	R290	1100	1250	1600	2000	1/2	3/8	CSR		556,40

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 18,3°C | Return gas Temp.: 32,2°C | Ambient Temp.: 32,2°C



Compressors hermetic rotary AVIC horizontal

R290



MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-30°C	-20°C	-15°C	-10°C							
C-7RHZ233L9AAL	23,3	R290	700	1000	1200	1400	1/2	3/8	-	-	BLDC inverter		838,87
C-7RHZ320L9AAL	32,0	R290	700	900	1100	1750	1/2	3/8	-	-	BLDC inverter		898,80

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 18,3°C | Ambient Temp.: 32,2°C | Speed 80rps

*Inverter price is not included



Compressors hermetic rotary AVIC horizontal

R290



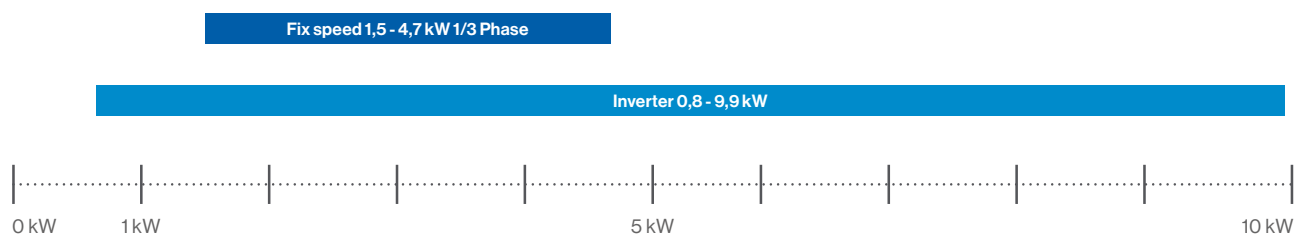
MODEL	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	DRIVER 1ph/230V 3ph/230V	DRIVER 3ph/400V	MOTOR TYPE	CODE	Price (€)*
			-10°C	-5°C	0°C	5°C							
C-7RHZ320M9AAF	32,0	R290	1590	1800	2250	2750	1/2	3/8	-	-	BLDC inverter		855,99

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35,0°C | Ambient Temp.: 35°C | Speed 90rps

*Inverter price is not included

HERMETIC ROTARY COMPRESSORS AVIC COMING SOON

MT range for R290, R454C and R455A refrigerants

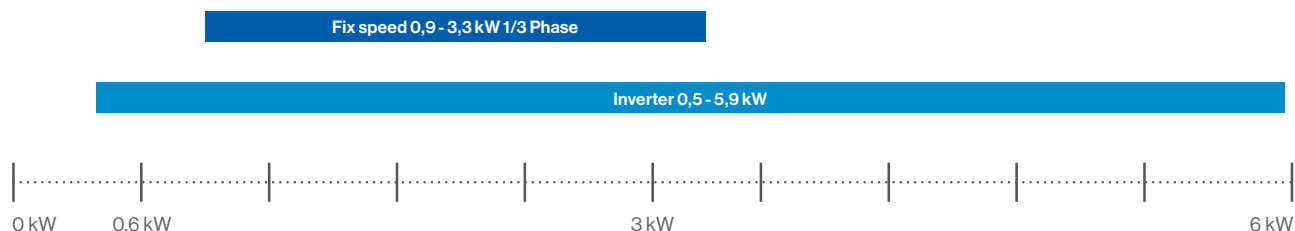


Conditions:

Condensation Temp.: 54,4°C | Evaporation Temp.: -10°C | Speed: 15-100 rps for inverter models

*Cooling system: DSH or Li

LT range for R290, R454C and R455A refrigerants



Conditions:

Condensation Temp.: 54,4°C | Evaporation Temp.: -23°C | Speed: 15-100 rps for inverter models

*Cooling system: Li

HERMETIC PISTON COMPRESSORS KULTHORN



Compressors hermetic piston Kulthorn

R407C

380-420V/ 3ph/ 50 Hz & 440-460V/ 3ph/ 60Hz



MODEL	CM3	GAS	COOLING CAPACITY at ARI CONDITIONS (W)	SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
AW5524G-9	41,1	R407C	5.800	1/2	3/8	3IR	CPKU0007	511,26
AW5532G-9	53,5	R407C	7.440	5/8	3/8	3IR	CPKU0008	534,86
LA5590GXG	174,0	R407C	75.000	-	3/4	3IR	CPKU0010	1.887,70

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Kulthorn

R404A

380-420V/ 3ph/ 50 Hz & 440-460V/ 3ph/ 60Hz



MODEL	CM3	GAS	COOLING CAPACITY at ARI CONDITIONS (W)	SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
KA5558ZXG	90,0	R404A	15.040	7/8	1/2	3IR	CPKU0011	850,78
KA5564ZXG	100,0	R404A	16.410	7/8	1/2	3IR	CPKU0012	865,20
KA5572ZXG	115,0	R404A	18.460	-	-	3IR	CPKU0013	942,45
LA5610ZXG	197,0	R404A	26.050	-	-	3IR	CPKU0014	1.529,56
LA5612ZXG	211,0	R404A	26.740	-	-	3IR	CPKU0015	1.575,90

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Kulthorn

R404A

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY at ASHRAE CONDITIONS (W)	SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
BA7430Z	8,9	R404A	760	-	-	3IR	CPKU0001	187,70
BA7443Z	14,1	R404A	1.140	3/8	1/4	3IR	CPKU0002	193,47

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

HERMETIC PISTON COMPRESSORS KULTHORN



Compressors hermetic piston Kulthorn

R404A

380-420V/ 3ph/ 50 Hz & 440-460V/ 3ph/ 60Hz



MODEL	CM3	GAS	COOLING CAPACITY at ARI CONDITIONS (W)	SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
AW7516Z-9	53,5	R404A	4.040	5/8	3/8	3IR	CPKU0005	542,72

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



Compressors hermetic piston Kulthorn

R134a

220-240V/ 1ph/ 50Hz



MODEL	CM3	GAS	COOLING CAPACITY at ARI CONDITIONS (W)	SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
AE7426Y	14,1	R134a	640	3/8	1/4	3IR	CPKU0004	162,23

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C

HERMETIC PISTON COMPRESSORS BRISTOL



Compressors hermetic piston Bristol

R22

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H2EB29SABK	1,99	55,9	R22	-	3.800	5.100	6.500	5/8	3/8	-	1.142,15
H29B35UABH	2,75	60,6	R22	3.230	4.457	5.971	7.790	3/4	1/2	-	1.245,67
H23A423ABK	3,25	73,8	R22	-	-	7.210	9.179	3/4	1/2	CPBR0005	1.399,15



Compressors hermetic piston Bristol

R22

208-230V/ 3ph/ 60Hz & 200-220V/ 3ph/ 50 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-5°C	0°C	5°C	10°C				
H23B283DBD	2	48,6	R22	1.588	2.438	4.559	5.923	5/8	3/8	CPBR0007	1.506,23



Compressors hermetic piston Bristol

R22

380-415V/ 3ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-5°C	0°C	5°C	10°C				
H2NG094GPE	7,5	172,5	R22	9.311	13.165	17.773	23.519	13/4	11/4	CPBR0012	5.843,81
H2NG104GPE	9	196,3	R22	11.888	16.152	21.088	27.096	13/4	11/4	CPBR0013	5.911,7
H2NG124GPE	10	235,3	R22	14.488	19.087	24.628	31.682	13/4	11/4	CPBR0015	6.264,12
H2NG204FRF	20	381,1	R22	22.083	31.036	42.103	56.180	13/4	11/4	CPBR0018	11.032,94

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC PISTON COMPRESSORS BRISTOL



Compressors hermetic piston Bristol

R22

208-230V/ 3ph / 60Hz & 200-220V/ 3ph / 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H2NG184DPD	15	334,8	R22	28.006	36.722	47.158	59.425	13/4	11/4	CPBR0016	10.005,5
H2NG294FPD	25	508,1	R22	48.199	60.714	74.971	91.019	13/4	11/4	CPBR0019	12.696,51

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Bristol

R22

380-415V/ 3ph / 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H23A423DBE	3,25	73,8	R22	-	-	7.254	9.235	3/4	1/2	CPBR0008	1.732,85
H23A463DBE	3,5	80,7	R22	4.600	6.100	7.938	10.151	7/8	1/2	-	1.779,27
H23A543DBE	4	92,7	R22	5.581	7.438	9.623	12.134	7/8	1/2	CPBR0009	2.252,19
H23A623DBE	5	103,4	R22	6.600	8.811	11.245	13.851	7/8	1/2	-	2.369,96
H29A723DBE	6	117,2	R22	8.011	10.351	13.117	16.348	7/8	1/2	CPBR0011	2.960,65

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Bristol

R410A

380-415V/ 3ph / 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H83B233DBV	-	29,4	R410A	2.100	3.000	3.900	5.000	3/4	1/2	-	1.545,08
H82J373DBV	2,25	47,8	R410A	2.964	4.165	5.511	7.043	3/4	1/2	CPBR0068	1.045,09

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC PISTON COMPRESSORS BRISTOL



Compressors hermetic piston Bristol

R407C, R404A, R134a

220-240V/ 1ph / 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H79B17UABH	1,25	33,4	R407C	829	1510	2340	3310	5/8	3/8	-	846,65
			R134a	539	982	1521	2152				
			R404A	895	1631	2527	3575				
H79B18UABH	1,5	35,1	R407C	872	1650	2568	3594	5/8	3/8	CPBR0020	880,26
			R134a	567	1073	1669	2336				
H71J193ABK	1,5	35,6	R407C	1174	1834	2673	3676	3/4	1/2	CPBR0021	978,10
			R134a	763	1192	1738	2389				
H79B22UABH	1,75	42,4	R407C	1000	2200	3400	4700	5/8	3/8	CPBR0022	914,45
			R134a	650	1430	2210	3055				
			R404A	1080	2376	3672	5076				
H71J223ABK	2	41,6	R407C	1560	2201	3017	-	3/4	1/2	CPBR0023	1025,04
			R134a	1014	1431	1961	-				
H79B24UABH	2	44,2	R407C	1493	2378	3470	4740	3/4	1/2	CPBR0024	932,72
			R134a	970	1546	2256	3081				
			R404A	1612	2568	3748	5119				
H79B28UABH	2,25	50,1	R407C	-	2973	4166	5586	3/4	1/2	CPBR0026	1092,34
			R134a	-	1932	2708	3631				
			R404A	-	3211	4499	6033				
H71J323ABK	2,5	53,2	R407C	2513	3634	4954	6530	3/4	1/2	CPBR0027	1242,56
			R134a	1634	2362	3220	4245				
H79B32UABH	2,5	55,1	R407C	963	2952	4638	6235	3/4	1/2	CPBR0026	1092,34
			R134a	626	1919	3015	4053				
			R404A	1040	3188	5009	6734				
H79B35UABH	2,75	60,5	R407C	-	3887	5375	7102	3/4	1/2	CPBR0029	1136,16
			R134a	-	2527	3494	4616				
			R404A	-	4198	5805	7670				
H73A383ABK	3	68,0	R407C	3115	4297	5736	7482	3/4	1/2	CPBR0030	1161,18
			R134a	2025	2793	3728	4863				
			R404A	3364	4641	6195	8081				
H73A423ABK	3,25	73,8	R407C	3386	4631	6178	8073	3/4	1/2	CPBR0032	1202,87
			R134a	2201	3010	4016	5247				
			R404A	3657	5001	6572	8719				
H71J433ABK	3,5	70,6	R407C	3961	5380	7060	9031	3/4	1/2	CPBR0033	1279,57
			R134a	2575	3497	4589	5870				

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C

HERMETIC PISTON COMPRESSORS BRISTOL



Compressors hermetic piston Bristol

R407C, R404A, R134a

220-240V/ 3ph / 50Hz & 380-415V/ 3ph/ 50 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H79B22UDBV	2	42,4	R407C	802	2178	3428	4.625	5/8	3/8	CPBR0034	1.250,37
			R134a	521	1.416	2.228	3.006				
			R404A	866	2.352	3.702	4.995				
H79B26UDBV	2	47,6	R407C	916	2.489	3.917	5.284	3/4	1/2	CPBR0037	1.260,43
			R134a	595	1.618	2.546	3.435				
H79B28UDBV	2,25	50,1	R407C	963	2.617	4.118	5.556	5/8	3/8	-	1.320,81
			R134a	626	1.701	2.677	3.611				
			R404A	1.040	2.826	4.447	6.000				
H79B30UDBV	2,5	52,4	R407C	1.759	3.108	4.500	6.025	3/4	1/2	CPBR0040	1.326,43
			R134a	1.143	2.020	2.925	3.916				
H79B32UDBV	2,75	55,1	R407C	1.580	2.933	4.415	6.084	3/4	1/2	CPBR0043	1.330,21
			R134a	1.027	1.906	2.870	3.955				
			R404A	1.706	3.168	4.768	6.571				
H73A383DBE	3	68,0	R407C	3.019	4.164	5.559	7.250	5/8	3/8	CPBR0045	1.347,42
			R134a	1.962	2.707	3.613	4.713				
			R404A	3.261	4.497	6.004	7.830				
H73A423DBE SAE	3,25	73,8	R407C	3.407	4.659	6.215	8.122	1 1/4	1	CPBR0048	1.519,56
			R134a	2.215	3.028	4.040	5.279				
			R404A	3.680	5.032	6.712	8.772				
H73A423DBE	3,25	73,8	R407C	3.407	4.659	6.215	8.122	3/4	1/2	-	1.519,56
			R134a	2.215	3.028	4.040	5.279				
			R404A	3.680	5.032	6.712	8.772				
H73A463DBE SAE	3,5	80,7	R407C	3.739	5.091	6.801	8.927	7/8 SAE	1/2 SAE	-	1.560,26
			R134a	2.430	3.309	4.421	5.803				
			R404A	4.038	5.498	7.345	9.641				
H73A463DBE	3,5	80,71	R407C	3.739	5.091	6.801	8.927	7/8	1/2	CPBR0051	1.560,26
			R134a	2.430	3.309	4.421	5.803				
			R404A	4.038	5.498	7.345	9.641				
H7DA383DBE	4	68,0	R407C	3.019	4.164	5.559	7.250	3/4	1/2	CPBR0047	1.480,69
			R134a	1.962	2.707	3.613	4.713				
			R404A	3.261	4.497	6.004	7.830				
H73A543DBE SAE	4	92,7	R407C	4.535	6.213	8.249	10.672	1 1/4	1	CPBR0052	1.974,98
			R134a	2.948	4.038	5.362	6.937				
			R404A	4.898	6.710	8.909	11.526				
H73A543DBE	4	92,7	R407C	4.535	6.213	8.249	10.672	7/8	1/2	CPBR0053	1.974,98
			R134a	2.948	4.038	5.362	6.937				
			R404A	4.898	6.710	8.909	11.526				
H79A563DBV	4,5	93,4	R407C	-	6.557	8.624	11.203	7/8	1/2	CPBR0054	2.087,05
			R134a	-	4.262	5.606	7.282				
H73A623DBEA SAE	5	103,4	R407C	5.374	7.384	9.656	12.182	1 1/4	1	CPBR0055	2.078,25
			R134a	3.493	4.800	6.276	7.918				
			R404A	5.804	7.975	10.428	13.157				
H73A623DBE	5	103,4	R407C	5.374	7.384	9.656	12.182	7/8	1/2	CPBR0056	2.078,25
			R134a	3.493	4.800	6.276	7.918				
			R404A	5.804	7.975	10.428	13.157				
H79A623DBV	5	101,3	R407C	4.766	6.806	9.263	12.084	7/8	1/2	CPBR0057	2.140,60
			R134a	3.098	4.424	6.021	7.855				
			R404A	5.147	7.350	10.004	13.051				
H79A723DBE SAE	6	117,2	R407C	5.828	8.307	11.240	14.562	7/8	1/2	-	2.520,63
			R134a	3.788	5.400	7.306	9.465				
			R404A	6.294	8.972	12.139	15.727				

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HERMETIC PISTON COMPRESSORS BRISTOL

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H79A723DBE	6	117,2	R407C	5.828	8.307	11.240	14.562	7/8	1/2	CPBR0058	2.520,63
			R134a	3.788	5.400	7.306	9.465				
			R404A	6.294	8.972	12.139	15.727				
H7BG094DBE SAE	7,5	167,4	R407C	5.828	9.311	13.165	17.773	13/4	11/4	CPBR0059	3.707,01
			R134a	3.788	6.052	8.557	11.553				
H7DA114DBE	8	95,0	R407C	9.198	12.656	16.904	21.994	11/8	3/4	CPBR0062	4.168,92
			R134a	5.979	8.226	10.988	14.296				
			R404A	9.934	13.688	18.256	23.754				
H7BG104DBD	9	190,5	R407C	8.270	11.871	15.750	20.322	11/8	7/8	CPBR0060	4.332,51
			R134a	5.376	7.716	10.238	13.209				
H92G104DBE SAE	9	190,5	R407C	7.901	11.888	16.152	21.088	13/4	11/4	CPBR0061	4.327,08
			R134a	5.136	7.727	10.500	13.707				
H7NG184DPD	15	334,9	R407C	11.528	18.475	26.594	36.562	13/4	11/4	CPBR0063	8.773,99
			R134a	7.493	12.009	17.286	23.765				
H92G204DRE SAE	18	381,0	R407C	14.345	22.083	31.036	42.103	13/4	11/4	CPBR0065	9.658,36
			R134a	9.324	14.354	20.173	27.367				
H7NG244FRD	20	439,1	R407C	21.431	29.962	39.258	50.514	13/4	11/4	CPBR0066	10.322,24
			R134a	13.930	19.475	25.518	32.834				
H7NG294FPD	25	508,2	R407C	25.644	35.167	45.729	57.914	11/8	11/8	CPBR0067	11.133,77
			R134a	16.669	22.860	29.724	37.644				

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Bristol

R407C, R134a, R404A

380-415V/ 3ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H71J233DBV	2	42,8	R407C	2.263	3.196	4.158	5.152	3/4	1/2	CPBR0081	1.406,91
H71J253DBV	2	45,3	R407C	1.743	2.750	3.900	5.183	3/4	1/2	CPBR0038	1.456,98
H71J323DBV	2,5	53,2	R407C	2.511	3.617	4.901	6.428	3/4	1/2	CPBR0044	1.478,88

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Bristol

R407C

220-240V/ 1ph/ 50 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-10°C	-5°C	0°C	5°C				
H71J383ABKA	3	63,6	R407C	3.551	4.834	6.347	8.149	3/4	1/2	CPBR0031	1.255,10
			R134A	2.308	3.142	4.126	5.297				

HERMETIC PISTON COMPRESSORS BRISTOL



Compressors hermetic piston Bristol

R407C,R134a,R404A,R22

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-15°C	-10°C	-5°C	0°C				
R92J223ABK	1,75	41,6	R407C	1.075	1.438	2.181	3.230	1 1/4	1	CPBR0069	847,10
			R404A	1.000	1.499	2.154	2.993				
			R22	1.773	2.677	3.747	4.967				
R92J273ABK	2	47,8	R404A	1.046	1.583	2.279	3.148	3/4	1/2	CPBR0070	1001,57
			R22	1.765	2.727	3.767	4.921				
R92J343ABK	3	57,9	R404A	-	1.252	1.830	2.578	3/4	1/2	CPBR0071	1136,16
			R22	2.665	3.683	4.898	6.306				

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston Bristol

R404A,R448A,R449A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-30°C	-25°C	-20°C	-10°C				
L63B562BBK	1	34,6	R404A	-	358	741	1.549	5/8	3/8	CPBR0072	677,50



Compressors hermetic piston Bristol

R404A,R448A,R449A

200-2 20V/ 3ph/ 50Hz & 200-230V/ 3ph/ 60 Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-30°C	-25°C	-20°C	-10°C				
L63A183DBD	3	98,8	R404A	1.366	2.214	3.218	5.700	3/4	1/2	CPBR0001	1.643,95



Compressors hermetic piston Bristol

R404A,R448A,R449A

380-415V/ 3ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	CODE	Price (€)
				-30°C	-25°C	-20°C	-10°C				
L63B652DBV	1,25	41,4	R404A	-	598	1.077	2.135	5/8	3/8	CPBR0073	920,91
L63A183DBE	3	98,8	R404A	1.366	2.214	3.218	5.700	3/4	1/2	CPBR0075	1.258,66

HERMETIC PISTON COMPRESSORS AREA



Compressors hermetic piston AREA

R134a

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
				-25°C	-20°C	-15°C	-10°C					
S36CZ	1/8	3,6	R134a	75	104	139	180	1/4	1/4	CSIR	CPDO0018	107,30
S43CZ1	1/7	4,3	R134a	84	114	152	196	1/4	1/4	RSIR	CPDO0016	108,91
L58CZ	1/6	5,8	R134a	130	169	223	291	1/4	1/4	RSIR	CPDO0020	131,18
L65CZ1	1/5	6,5	R134a	141	191	251	323	1/4	1/4	RSIR	CPDO0022	137,74
L72CZ1	1/4	7,2	R134a	163	225	296	377	1/4	1/4	RSIR	CPLA0001	144,28
E1120CZA	1/3	8,2	R134a	206	303	407	520	1/4	1/4	RSIR	CPDO0027	148,69
K325CZ1	1/2	11,4	R134a	293	385	482	617	1/4	3/8	CSIR	CPDO0026	234,17
E1130CZA	3/8	12,1	R134a	284	400	550	736	3/8	1/4	RSIR	CPDO0021	166,16

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 32,2°C



Compressors hermetic piston AREA

R134a

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
				-10°C	-5°C	0°C	5°C					
NE6188CZ	1/3	12,0	R134a	520	665	830	1.010	3/8	1/4	CSIR	CPDO0003	179,36
NE6210CZ	3/8	14,2	R134a	575	758	965	1.190	3/8	1/4	CSIR	CPDO0002	184,17

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 18,3°C | Ambient Temp.: 35°C



Compressors hermetic piston AREA

R404A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
				-10°C	-5°C	0°C	5°C					
NE2134CK	1/2	12,0	R404A	508	671	850	1.047	3/8	1/4	CSIR	CPDO0006	183,01

HERMETIC PISTON COMPRESSORS AREA



Compressors hermetic piston AREA

R404A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
				-10°C	-5°C	0°C	5°C					
NE6210CK	3/8	9,0	R404A	566	721	893	1.082	3/8	1/4	CSIR	CPDO0019	196,79
NE6213CK	1/2	12,0	R404A	862	1.080	1.327	1.602	3/8	1/4	CSIR	CPDO0026	234,17

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 32,2°C

HERMETIC ROTARY COMPRESSORS AREA



Compressors hermetic rotary AREA horizontal

R134a



MODEL	CM3	GAS	COOLING CAPACITY at ARI CONDITIONS (W)	SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
HB075Z24	7,5	R134a	850	7/8	5/8	DC 24 V	CPDO0023	765,93

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 46,1°C | Return gas Temp.: 35°C | Ambient Temp.: 35°C



Compressors hermetic rotary AREA horizontal

R404A, R448A, R449A

220-240V/ 1ph/ 50Hz



MODEL	HP	CM3	GAS	COOLING CAPACITY (W)				SUCTION PIPE (")	DISCHARGE PIPE (")	MOTOR TYPE	CODE	Price (€)
				-25°C	-20°C	-15°C	-10°C					
QHD-13K	13,4	R404A	848	995	1.230	1.506	1.840	1/2	3/8	CSR	CPDO0007	554,38
QHD-16K	16,4	R404A	1.058	1.235	1.515	1.840	2.200	1/2	3/8	CSR	CPDO0015	626,30
QHD-30K	30,7	R404A	1.994	2.320	2.832	3.430	4.020	1/2	3/8	CSR	CPDO0009	780,21
QHD-36K	35,7	R404A	2.338	2.720	3.315	4.020	4.800	1/2	3/8	CSR	CPDO0010	882,86

Conditions: Condensation Temp.: 54,4°C | Liquid Temp.: 32,2°C | Return gas Temp.: 32,2°C | Ambient Temp.: 32,2°C

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Compressor Accessories



COMPRESSOR ACCESSORIES



ROTALOCK VALVES	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	G SERIES	Discharge 11/4"-7/8"	SVDU0016	66,44
		Suction 13/4"-11/8"	SVDU0019	102,43
	NG SERIES	Suction 11/4"-11/8"	SVDU0018	74,73
	A SERIES	Discharge 1"-1/2"	SVDU0017	38,75
		Suction 11/4"-7/8"	SVDU0016	66,44
	B SERIES	Discharge 1"-3/8"	SVDU0013	37,39
		Suction 1"-3/4"	SVDU0008	-
	PANASONIC	CSB SERIES	Discharge 1"-1/2"	SVDU0017
Suction 11/4"-7/8"			SVDU0016	66,44
CSC SERIES		Discharge 11/4"-3/4"	SVDU0014	74,73
		Suction 13/4"-11/8"	SVDU0019	102,43

ADAPTORS	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	SERIE A	Suction 11/4"- 7/8"	RAXX0006	27,96
	SERIE G	Discharge 11/4"-7/8"	RAXX0006	27,96
	SERIE B	Suction 11/4"-11/8"	RAXX0011	30,23
PANASONIC	SERIE CSB	Discharge 1"- 5/8"	RAXX0007	27,34
		Suction 11/4"- 11/8"	RAXX0011	30,23
	SERIE CSC	Discharge 11/4"- 7/8"	RAXX0006	27,96

COMPRESSOR ACCESSORIES

CONTROL MODULES	MODULE	CODE	Price (€)
BRISTOL NG	INT369R120/240 V	ACBR0002	462,85
BRISTOL NG	INT369R24V	ACBR0001	462,85

SIGHT GLASS ADAPTOR	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	SERIE A	1"	ACXX0014	44,25
	SERIE G	1 1/4"	ACXX0007	44,25

GASKET	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	SERIE A	Discharge 1"	ACXX0011	2,56
		Suction 1 1/4"	ACXX0016	2,56
	SERIE G,NG	Suction 1 3/4"	ACXX0002	2,56

MUFFLER	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	H71J	P/N 302140	ACBR0013	-

COMPRESSOR ACCESSORIES



CRANKCASE HEATERS	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	H23A H73A, L63A H23AQ, 26AQ, H29A	40/240V CH134	CHTU0001	36,28
	SERIE A	54/480V CH101	CHTU0010	-
	SERIE B	70/240V CH230	CHTU0004	36,28
	NG	100/240V CH147	CHTU0006	101,53
PANASONIC	CSB	40/240V DIAM 165 mm	CHZD0001	35,36
	CSC	90/240V LONG 679 mm	CHZD0010	35,32

SILENT BLOCK	COMPRESSOR MODEL	DESCRIPTION	CODE	Price (€)
BRISTOL	H71J H79A H23A H23B H73A	30/30 MM	SPPBR0001	1,38
	H79B H29A H75G	40/30 MM	SPBR0004	1,93
	H7BG H23 H73	36/30 MM	SPBR0006	1,93
	NG	40/36 MM	SPBR0005	2,53
PANASONIC	SERIE B		SPPA0001	-
	SERIE C		-	-
GMCC	PJ340M2CS-4KU	1K22910110	ACGM0002	-
	PA89M1C-4DZDE	1K14910111	ACGM0004	-
		1K14910610	ACGM0003	-

COMPRESSOR ACCESSORIES



Capacitors Bristol

COMPRESSOR MODEL	RUN CAPACITOR (µF/V)	CODE	Price(€)	START CAPACITOR (µF/V)	CODE	Price (€)	RELAY	CODE	Price (€)
R92J223ABK	35/400	RCDC0021	69,16	145-175/250	SCDC0001	56,35	3ARR3 3AP	REXX0014	117,91
R92J253ABK	45/370	RCDC0014	85,11	145-175/330	SCDC0003	56,35	- -	-	-
H79B35UABH	45/370	RCDC0014	85,11	-	-	-	- -	-	-
H79B32UABH	40/370	RCDC0013	78,27	145-175/330	SCDC0003	56,35	- -	-	-
H73A383ABK	35/450	RCDC0002	68,36	145-175/330	SCDC0003	56,35	3ARR3 4AA	REXX0003	116,23
H73A423ABK	40/450	RCDC0054	78,27	145-175/330	SCDC0003	56,35	3ARR3 27AA	REXX0005	116,23
R92J383ABK	50/450	RCDC0085	92,35	-	-	-	- -	-	-
H73A463ABK	40/450	RCDC0054	78,28	145-175/330	SCDC0003	56,35	3ARR3 4AA	REXX0003	116,23
L63B562BBK	15/450	RCDC0004	42,27	-	-	-	3ARR3 3AV	REXX0001	116,23
L63A183BBK	35/450	RCDC0002	68,36	-	-	-	3ARR3 4AA	REXX0003	116,23



Capacitors Panasonic

COMPRESSOR MODEL	RUN CAPACITOR (µF/V)	CODE	Price(€)	START CAPACITOR (µF/V)	CODE	Price (€)
C-SBN261H5A	60/450	RCDC0060	110,08	130-156/330	SCDC0005	59,78
C-SBN301H5A	60/450	RCDC0060	110,08	130-156/330	SCDC0005	59,78
C-SBP120H15A	70/450	RCDC0006	110,08	-	-	-
C-SBP160H15A	60/450	RCDC0060	110,08	-	-	-
C-SBS145H15A	60/450	RCDC0060	110,08	-	-	-
C-SBS180H15A	70/450	RCDC0006	110,08	-	-	-

COMPRESSOR ACCESSORIES



Capacitors GMCC

COMPRESSOR MODEL	RUN CAPACITOR (μF/V)	CODE	Price(€)
DSM155V12UDZ	25/450	RCDC0056	74,70
DSM180V1UDZ	30/450	RCDC0003	58,12
DSM240V1UDZ	35/450	RCDC0002	72,52
DSG310S1UFT	55/450	RCDC0001	111,27
DSG320S1UFT	55/450	RCDC0001	111,27
HSM150V4UDZ	30/450	RCDC0003	58,12
HSM200V1UFT	35/450	RCDC0002	72,52
JSK64V16UZH	15/450	RCDC0004	44,84
KSK52V11UAZ	25/450	RCDC0056	74,70
KSM89V11VDZ	25/450	RCDC0056	74,70
KSM106V1VFT	25/450	RCDC0056	74,70
KSN93V11UDZ1	25/450	RCDC0056	74,70
KSG186V1VKT	55/450	RCDC0001	111,27
KSG250V1VMT	60/450	RCDC0060	116,78
KSG280V1VMU	65/450	RCDC0026	-
PA89M1C-4DZDE	25/450	RCDC0056	74,70
PA108M1C-4DZDE2	25/450	RCDC0056	74,70
PA125G1C-4FTL1	35/450	RCDC0002	72,52
PA150M2A-7FTS1	35/450	RCDC0002	72,52
PA215M2AS-4KU	50/450	RCDC0085	97,97
PA240M2CS-4KU1	50/450	RCDC0085	97,97
PA270G2C-4FT1	60/450	RCDC0060	116,78
PA290G2CS-4MU1	50/450	RCDC0085	97,97
PA331X3CS-4MU1	55/450	RCDC0001	111,27
PJ125G1C-4DZDE	25/450	RCDC0056	74,70
PJ160G1C-4DZ	25/450	RCDC0056	74,70
PJ215G1C-4FT	30/450	RCDC0003	58,12
PJ250M2C-4FT	35/450	RCDC0002	72,52
PJ340M2CS-4KU	40/450	RCDC0054	83,05
RDSM89V1TDZ	25/450	RCDC0056	74,70
RJSN82V2TZZ1	15/450	RCDC0004	44,84

COMPRESSOR ACCESSORIES



Capacitors AVIC

COMPRESSOR MODEL	RUN CAPACITOR (µF/V)	CODE	Price(€)
C-3R322L4AAL	40/450	RCDC0054	83,05
C-3R463L4AAL	40/450	RCDC0054	83,05
C-3RH322L4AAL	40/450	RCDC0054	83,05
C-3RH463L4AAL	40/450	RCDC0054	83,05
C-3RHV359L4AAL	40/450	RCDC0054	83,05
C-R133L4AL	20/450	RCDC0052	44,83
C-R220L4AL	35/450	RCDC0002	72,52
C-RHN110E5A	25/450	RCDC0056	74,70
C-RV190L4AAL	25/450	RCDC0056	74,70
C-RV226H7NA	35/450	RCDC0002	72,52



Capacitors Kulthorn

COMPRESSOR MODEL	RUN CAPACITOR (µF/V)	CODE	Price(€)
AW5517GK	30/370	RCDC0024	58,12
BA7430Z	8/450	RCDC0007	23,25
BA7443Z	20/450	RCDC0052	44,84



Lubricant oils

OIL TYPE	VOLUME (L)	VISCOSITY INDEX	VISCOSITY (MM2/SEC), 40°C	REFRIGERANT	CODE	Price(€)
PZ68S	2	211	68,7	R744	OIXX0004	312,12
FV68S	20	211	68,7	R744	OIXX0001	2250,81
FV68S	2	84	67,5	R407C, R134a, R404A, R407A, R407F, R448A, R449A, R513A	OIXX0003	278,67
PZ68S	2	84	67,5	R407C, R134a, R404A, R407A, R407F, R448A, R449A, R513A	OIXX0002	1894,97
PZ100S	2	-	104,9	R744	OIXX0005	312,12
PZ100S	20	-	104,9	R744	OIXX0006	2250,81
FV32S	2	82	32,4	R404A, R407A, R407F, R448A, R449A	OIXX0018	327,49
FV32S	20	82	32,4	R404A, R407A, R407F, R448A, R449A	OIXX0025	2245,42

Inverter drivers



INVERTERS BONFIGLIOLI



ACS Bonfiglioli Inverter Drivers

MODEL	VOLTAGE (V)	NOMINAL MOTOR CURRENT (A)	DIMENSIONS (HxDxW) MM	CODE	Price(€)
ACS202 15 2 FA	3fs x 230	12,0	200x196x80	DRBF0021	912,43
	1fs x 230	6,0			
ACS202 18 2 FA	3fs x 230	15,0	200x196x80	DRBF0012	939,74
	1fs x 230	9,0			
ACS202 19 3 FA	3fs x 230	21,0	200x205x125	DRBF0013	1.005,31
	1fs x 230	12,0			
ACS402 15 2 FC	3fs x 400	7,5	190x148x103	-	1.196,54
ACS402 18 2 FC	3fs x 400	9,5	190x148x103	DRBF0015	1.262,10
ACS402 19 2 FA	3fs x 400	13,0	200x196x80	DRBF0017	1.262,10
ACS402 19 2 FC	3fs x 400	13,0	190x148x103	-	1.262,10
ACS402 21 3 FA	3fs x 400	17,0	200x205x125	DRBF0010	1.409,62
ACS402 21 3 FC	3fs x 400	17,0	190x140x148	DRBF0024	1.409,62
ACS402 22 3 FA	3fs x 400	20,0	200x205x125	DRBF0011	1.677,33
ACS402 23 3 FA	3fs x 400	23,0	200x205x125	DRBF0002	1.792,08

Mounting: FA Standard version; FC Cold plate version.

ACS features:

- i. Settings ready to load to the inverter by SD card.
- ii. Full support with parameter table.
- iii. Dedicated PLC program for required application with all functions developed by AREA.
- iv. Possible to customize settings in case of bigger orders.



AGL Bonfiglioli Inverter Drivers

MODEL	VOLTAGE (V)	NOMINAL MOTOR CURRENT (A)	DIMENSIONS (HxDxW) MM	CODE	Price(€)
AGL202 19 3 FA	3fs x 230	21,0	200x205x125	DRBF0019	711,03
	1fs x 230	12,0			
AGL402 19 3 FC	3fs x 400	13,0	190x148x140	DRBF0006	985,39
AGL402 21 3 FA	3fs x 400	17,0	200x205x125	DRBF0004	1031,75
AGL402 21 3 FC	3fs x 400	17,0	190x148x140	DRBF0009	1031,75

ACS features:

- i. Have to use parameter table (can use SD card after).
- ii. Settings does not include special functions.
- iii. PT1000 sensor on discharge only disables the compressor in case of too high temp.

Fans



FAN MOTORS



Shaded pole motors AREA

MODEL	VOLTAGE	RATED OUTPUT (W)	CODE	Price (€)
YZF5-13 MFIX	220/240V 50/60 Hz 1ph	5	FMWG0007	17,71
YZF10-20 MFIX	220/240V 50/60 Hz 1ph	10	FMWG0013	21,58
YZF16-25 MFIX	220/240V 50/60 Hz 1ph	16	FMWG0019	23,85
YZF25-40 MFIX	220/240V 50/60 Hz 1ph	25	FMWG0022	33,13
YZF34-45 MFIX	220/240V 50/60 Hz 1ph	34	FMWG0024	37,15



FC motors AREA

MODEL	VOLTAGE	RATED OUTPUT (W)	CODE	Price (€)
ECM7108	120/240V 50/60 Hz 1ph	2,5-7,5	FMWG0003	82,79
ECM7112	120/240V 50/60 Hz 1ph	2,5-23,5	FMWG0005	99,11



Axial fans AREA

MODEL	VOLTAGE	CODE	Price(€)
YWF4E-250S	220/120 V 50/60 Hz 1ph	AFWG0006	100,72
YWF4D-250S	380/420 V 50 Hz 3 ph	AFWG0005	100,72
YWF4E-300S	220/120 V 50/60 Hz 1ph	AFWG0004	115,96
YWF4D-300S	380/420 V 50 Hz 3 ph	AFWG0003	115,96
YWF4E-350S	220/120 V 50/60 Hz 1ph	AFWG0002	140,34
YWF4D-350S	380/420 V 50 Hz 3 ph	AFWG0013	140,34
YWF4E-400S	220/120 V 50/60 Hz 1ph	AFWG0009	157,04
YWF4D-400S	380/420 V 50 Hz 3 ph	AFWG0010	157,04
YWF4E-450S	220/120 V 50/60 Hz 1ph	AFWG0001	169,79
YWF4D-450S	380/420 V 50 Hz 3 ph	AFWG0019	169,79
YWF6D-450S	380/420 V 50 Hz 3 ph	-	182,62
YWF4E-500S	220 V 50 Hz 1ph	AFWG0022	232,88
YWF4D-500S	380/420 V 50 Hz 3 ph	AFWG0011	232,88
YWF4E-550S	220 V 50 Hz 1ph	AFWG0029	281,49
YWF4E-630S	220 V 50 Hz 1ph	AFWG0031	397,29
YWF4D-630S	380/420 V 50 Hz 3 ph	AFWG0032	397,29

FAN ACCESSORIES



Fan blades AREA

MODEL	DIAMETER (MM)	MATERIAL	CODE	Price (€)
Fan blade D154-28°	154	Metal	BLWG0001	1,25
Fan blade D154-31°	154	Metal	BLWG0003	1,25
Fan blade D172-28°	172	Metal	BLWG0008	1,40
Fan blade D200-25°	200	Metal	BLWG0006	1,67
Fan blade D200-28°	200	Metal	BLWG0007	1,66
Fan blade D200-28°	200	Plastic	BLWG0019	1,66
Fan blade D230-28°	230	Metal	BLWG0002	4,49
Fan blade D254-28°	254	Metal	BLWG0018	5,18
Fan blade D250-28°	250	Metal	BLWG0016	5,18
Fan blade D250-30°	250	Metal	BLWG0010	5,18
Fan blade D250-31°	250	Metal	BLWG0013	5,18
Fan blade D250-34°	250	Metal	BLWG0005	5,18
Fan blade D300-19°	300	Metal	BLWG0017	6,42
Fan blade D300-25°	300	Metal	BLWG0015	6,42
Fan blade D300-28°	300	Metal	BLWG0014	6,42



Rings AREA

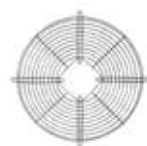
MODEL	DIAMETER (MM)	MATERIAL	CODE	Price (€)
Ring 172	172	Metal	ACWG0018	4,26
Ring 200	200	Metal	ACWG0019	4,88
Ring 230	230	Metal	ACWG0020	5,21
Ring 254	254	Metal	ACWG0021	5,35

FAN ACCESSORIES



Supports AREA

MODEL	HEIGHT (MM)	WIDTH (MM)	CODE	Price (€)
Support H039	39	24	ACWG0005	0,48
Support H055	55		ACWG0012	0,52
Support H072	72	24	ACWG0006	0,91
Support H084	84	24	ACWG0014	1,09
Support H109	109	24	ACWG0007	1,81
Support H109	109	40	ACWG0013	1,81
Support H109	109	50	ACWG0010	1,81



Grids AREA

MODEL	DIAMETER (MM)	CODE	Price (€)
Grid 154-H25	154	ACWG0002	2,30
Grid 172-H11	172	ACWG0015	2,91
Grid 172-H25	172	ACWG0009	2,91
Grid 200-H25	200	ACWG0016	4,05
Grid 230-H27	230	ACWG0008	4,49
Grid 254-H25	254	ACWG0004	4,98
Grid 300-H17	300	ACWG0017	5,71
Grid 300-H45	300	ACWG0003	5,69

Equivalences

Cross reference search engine

Write in the search engine below the brand or product you are looking for, we will give you the equivalent in features that best suits your needs.

Search here for cross references



If you don't find your product try a new combination using spaces, slashes...

**Smart Solutions
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Search engine of cross references



Check out our website to find calculation software and the complete list of all updated equivalent products

areacooling.com offers you a tool to do quick search on our equivalent catalog by product model of brands

1 Click on cross references search engine



2 Search for a model

Home > Cross reference search engine

Cross reference search engine

Write in the search engine below the brand or product you are looking for, we will give you the equivalent in features that best suits your needs.

Search here for cross references
If you don't find your product try a new combination using spaces, slashes...



3 Find your equivalent

4 Consult our product



4 Or contact our customer service



EQUIVALENCES

Copeland

REFERENCE MODEL	EQUIVALENT MODEL	MANUFACTURER
ARE37C3E	NE5170CZ	AREA
QR-11M1-TFD	H92G104DBE	BRISTOL
ZB30KCE-TFD	C-SBN303H8GSG	PANASONIC
ZB38KCE-TFD	C-SBN373H8GSG	PANASONIC
ZB45KCE-TFD	C-SBN453H8GSG	PANASONIC
ZB58KCE-TFD	C-SCN603H8T	PANASONIC
ZB76KCE-TFD	C-SCN753H8T	PANASONIC
ZB95KCE-TFD	C-SCN903H8T	PANASONIC
ZH11M4E-TWD	C-SCS295H38Q EVI	PANASONIC
ZH13KVE-TFD	C-SBS145H38Q EVI	PANASONIC
ZH18KVE-TFD	C-SBS180H38Q EVI	PANASONIC
ZH18KVE-TFD	C-SBS205H38Q EVI	PANASONIC
ZH33KVE-TFD	C-SCS370H38Q EVI	PANASONIC
ZH40KVE-TFD	C-SCS435H38Q EVI	PANASONIC
ZP104KCE-TFD	C-SCP315H38B	PANASONIC
ZP120KCE-TFD	C-SCP360H38B	PANASONIC
ZP137KCE-TFD	C-SCP400H38B	PANASONIC
ZP154KCE-TFD	C-SCP435H38B	PANASONIC
ZP182KCE-TFD	C-SCP510H38B	PANASONIC
ZP41K3E-PFJ	C-SBP120H15A	PANASONIC
ZP42KSE-TFM	C-SBP120H38B	PANASONIC
ZP49K5E-PFJ	C-SBP140H15A	PANASONIC
ZP49KSE-TFM	C-SBP140H38B	PANASONIC
ZP54K3E-TFD	C-SBP160H38B	PANASONIC
ZP54KSE-PFZ	C-SBP160H15A	PANASONIC
ZP61KCE-TFD	C-SBP170H38B	PANASONIC
ZP72KCE-TFD	C-SBP205H38B	PANASONIC
ZP83KCE-TFD	C-SBP235H38B	PANASONIC

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EQUIVALENCES

Copeland

ZP90KCE-TFD	C-SCP270H38B	PANASONIC
ZR48K3E-TFD	C-SBN303H8G	PANASONIC
ZR49KCE-TFD	C-SBS145H38A	PANASONIC
ZR61KSE-TFM	C-SBN353H8A	PANASONIC
ZR72KCE-TFD	C-SBS195H38A	PANASONIC
ZR81KCE-TFD	C-SBN453H8G	PANASONIC
XHV0381P	C-SDP205H02B	PANASONIC
XHV0501P	C-SDP205H02B	PANASONIC
XPV0382E	C-SDP205H02B	PANASONIC
XPV0462E	C-SDP205H02B	PANASONIC
ZR40K3E-TFD	C-SBN263H8A	PANASONIC
ZB26KCE-PFJ	C-SBN263H8A	PANASONIC
ZB26KCE-TFD	C-SBN263H8A	PANASONIC
ZB29KCE-TFD	C-SBN303H8A	PANASONIC
ZB38KCE-PFJ	C-SBN373H8A	PANASONIC
ZB38KCE-TFD	C-SBN373H8A	PANASONIC
ZR108KCE-TFD	C-SCN603H8K	PANASONIC
ZB57KCE-TFD	C-SCN603H8K	PANASONIC
ZB66K5E-TFD	C-SCN673H8K	PANASONIC
ZR125KCE-TFD	C-SCN753H8K	PANASONIC
ZB76K5E-TFD	C-SCN753H8K	PANASONIC
ZR144KCE-TFD	C-SCN903H8K	PANASONIC
ZB95K5E-TFD	C-SCN903H8K	PANASONIC
ZF13K4E-TFD	C-SBN303L8A	PANASONIC
ZF13KVE-TFD	C-SBN303L8A	PANASONIC
ZF15K4E-TFD	C-SBN373L8A	PANASONIC
ZF25K5E-TFD	C-SCN523L8H	PANASONIC
ZF34K5E-TFD	C-SCN753L8H	PANASONIC
ZH09K1P-PFZ	C-SBP120H15A	PANASONIC

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EQUIVALENCES

Copeland

ZH09K1P-TFM	C-SBP120H38B	PANASONIC
ZH09KVE-TFD	C-SBS120H38Q	PANASONIC
ZH12K1P-PFZ	C-SBP160H15A	PANASONIC
ZH12K1P-TFM	C-SBP160H38B	PANASONIC
ZH13KVE-TFD	C-SBS145H38Q	PANASONIC
ZH15K1P-TFM	C-SBP205H38B	PANASONIC
ZH18KVE-TFD	C-SBS205H38Q	PANASONIC
ZH19K1P-TFM	C-SCP270H38B	PANASONIC
ZH21K4E-PFJ	C-SBN261H5A	PANASONIC
ZH21K4E-TFD	C-SBN263H8A	PANASONIC
ZH24KVE-TWD	C-SCS295H38Q	PANASONIC
ZH26K4E-PFJ	C-SBN261H5A	PANASONIC
ZH26K4E-TFD	C-SBN263H8A	PANASONIC
ZH30K4E-PFJ	C-SBN301H5A	PANASONIC
ZH30K4E-TFD	C-SBN303H8A	PANASONIC
ZH33KVE-TWD	C-SCS370H38Q	PANASONIC
ZH38K4E-PFZ	C-SBS180H15A	PANASONIC
ZH38K4E-TFD	C-SBN373H8A	PANASONIC
ZH40KVE-TWD	C-SCS435H38Q	PANASONIC
ZH45K4E-TFD	C-SBN453H8A	PANASONIC
ZH50KCE-TFD	C-SCN753H8K	PANASONIC
ZH64KCE-TFD	C-SCN903H8K	PANASONIC
ZH75K4E-TWD	C-SCN753H8K	PANASONIC
ZH92K4E-TWD	C-SCN903H8K	PANASONIC
ZP104KCE-TFD	C-SCP315H38B	PANASONIC
ZP122KCE-TFD	C-SCP360H38B	PANASONIC
ZP143KCE-TFD	C-SCP400H38B	PANASONIC
ZP154KCE-TFD	C-SCP435H38B	PANASONIC
ZP182KCE-TFD	C-SCP510H38B	PANASONIC

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EQUIVALENCES

Copeland

ZP42K5E-PFJ	C-SBP120H15A	PANASONIC
ZP42K5E-TFD	C-SBP120H38B	PANASONIC
ZP54K5E-PFJ	C-SBP160H15A	PANASONIC
ZP54K5E-TFD	C-SBP160H38B	PANASONIC
ZP61K5E-TFD	C-SBP170H38B	PANASONIC
ZP72KCE-TFD	C-SBP205H38B	PANASONIC
ZP83KCE-TFD	C-SBP235H38B	PANASONIC
ZP91KCE-TFD	C-SCP270H38B	PANASONIC
ZPV0662E	C-SDVN453H0D	PANASONIC
ZR125KCE-TFD	C-SCN753H8K	PANASONIC
ZR144KCE-TFD	C-SCN903H8K	PANASONIC
ZR160KCE-TFD	C-SCN903H8K	PANASONIC
ZR40K3E-PFJ	C-SBN261H5A	PANASONIC
ZR40K3E-TFD	C-SBN263H8A	PANASONIC
ZR48K3E-TFD	C-SBN303H8A	PANASONIC
ZR61KCE-PFJ	C-SBS180H15A	PANASONIC
ZR61KSE-PFZ	C-SBS180H15A	PANASONIC
ZR61KCE-TFD	C-SBN373H8A	PANASONIC
ZR61KSE-TFM	C-SBN373H8A	PANASONIC
ZR72KCE-TFD	C-SBN453H8A	PANASONIC
ZF13KQE-TFD	C-SBN303L8A	PANASONIC
ZF15KQE-TFD	C-SBN373L8A	PANASONIC
ZF18K4E-TFD	C-SBN453L8A	PANASONIC
ZF25K4E-TFD	C-SCN523L8H	PANASONIC
ZF34K5E-TFD	C-SCN523L8H	PANASONIC
ZB58KCE-TFD	C-SCN603H8T	PANASONIC
ZB76KCE-TFD	C-SCN753H8T	PANASONIC

EQUIVALENCES

Danfoss

REFERENCE MODEL	EQUIVALENT MODEL	MANUFACTURER
FR11GX	E1120CZA	AREA
FR6GX	L58CZ	AREA
FR7,5GX	L65CZ1	AREA
SC10DL	NE6213CK	AREA
SC12CL	NE2134CK	AREA
SC12G	NE6188CZ	AREA
SC15G	NE6210CZ	AREA
SC15GX	E1130CZA	AREA
TL4GX	S36CZ	AREA
TL5G	S43CZ1	AREA
HCJ120	C-SCP360H38B	PANASONIC
HLH061	C-SBP170H38B	PANASONIC
HLH068	C-SCP270H38B	PANASONIC
HLP072	C-SBS195H38A	PANASONIC
HLP081	C-SBS235H38B	PANASONIC
HRH040	C-SBP120H38B	PANASONIC
HRH049	C-SBP140H38B	PANASONIC
HRP047	C-SBS145H38A	PANASONIC
HRP058	C-SBN353H8A	PANASONIC
HRP060	C-SBS180H15A	PANASONIC
HRP060	C-SBS180H38C	PANASONIC
HCJ090T4	C-SBP235H38B	PANASONIC
HCJ105T4	C-SCP270H38B	PANASONIC
HCJ120T4	C-SCP315H38B	PANASONIC
HCP120T4	C-SCN603H8K	PANASONIC
HHP026T4LP6	C-SBN263H8A	PANASONIC
HHP026T5LP6	C-SBN261H5A	PANASONIC
HHP030T4LC6	C-SBN303H8A	PANASONIC

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EQUIVALENCES

Danfoss

HHP030T5LC6	C-SBN301H5A	PANASONIC
HHP038T4LC6	C-SBN373H8A	PANASONIC
HHP038T5LC6	C-SBS180H15A	PANASONIC
HHP045T4LC6	C-SBN453H8A	PANASONIC
HLH061T4	C-SBP160H38B	PANASONIC
HLH061T5	C-SBP160H15A	PANASONIC
HLJ072T4	C-SBP205H38B	PANASONIC
HLJ075T4	C-SBP205H38B	PANASONIC
HLJ083T4	C-SBP235H38B	PANASONIC
HLP068T4	C-SBN373H8A	PANASONIC
HLP072T4	C-SBN373H8A	PANASONIC
HLP075T4	C-SBS200H15H	PANASONIC
HLP075T4	C-SBN453H8A	PANASONIC
HRH036U4	C-SBN233H8E	PANASONIC
HRH038U4	C-SBN233H8E	PANASONIC
HRH040U4	C-SBP120H38B	PANASONIC
HRH041U4	C-SBP120H38B	PANASONIC
HRH044U4	C-SBP120H38B	PANASONIC
HRH040U5	C-SBP120H15A	PANASONIC
HRH051U5	C-SBP140H15A	PANASONIC
HRH054U5	C-SBP140H15A	PANASONIC
HRH056U4	C-SBP160H38B	PANASONIC
HRH056U5	C-SBP160H15A	PANASONIC
HRP042T4	C-SBN263H8A	PANASONIC
HRP042T5	C-SBN261H5A	PANASONIC
HRP045T4	C-SBN263H8A	PANASONIC
HRP045T5	C-SBN261H5A	PANASONIC
HRP047T4	C-SBN263H8A	PANASONIC
HRP047T5	C-SBN261H5A	PANASONIC
HRP048T4	C-SBN263H8A	PANASONIC
HRP048T5	C-SBN261H5A	PANASONIC

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EQUIVALENCES

Danfoss

HRP051T4	C-SBN303H8A	PANASONIC
HRP054T4	C-SBN303H8A	PANASONIC
HRP058T4	C-SBN353H8A	PANASONIC
HRP060T4	C-SBN353H8A	PANASONIC
LLZ013T4LQ9	C-SBN303L8A	PANASONIC
LLZ015T4LQ9	C-SBN373L8A	PANASONIC
MLZ026T4	C-SBN263H8A	PANASONIC
MLZ026T5	C-SBN263H8A	PANASONIC
MLZ026T5	C-SBN261H5A	PANASONIC
MLZ030T4	C-SBN303H8A	PANASONIC
MLZ030T5	C-SBN303H8A	PANASONIC
MLZ038T4	C-SBN373H8A	PANASONIC
MLZ038T5	C-SBN373H8A	PANASONIC
MLZ038T5	C-SBS180H15A	PANASONIC
MLZ045T4	C-SBN453H8A	PANASONIC
MLZ058T4	C-SCN603H8K	PANASONIC
MLZ066T4	C-SCN673H8K	PANASONIC
MLZ076T4	C-SCN753H8K	PANASONIC
PSH019-4	C-SCP270H38B	PANASONIC
PSH023-4	C-SCP315H38B	PANASONIC
PSH026-4	C-SCP360H38B	PANASONIC
PSH030-4	C-SCP400H38B	PANASONIC
PSH034-4	C-SCP435H38B	PANASONIC
PSH039-4	C-SCP510H38B	PANASONIC
SH090-4	C-SCP270H38B	PANASONIC
SH105-4	C-SCP315H38B	PANASONIC
SH120-4	C-SCP360H38B	PANASONIC
SH140-4	C-SCP400H38B	PANASONIC
SH161-4	C-SCP435H38B	PANASONIC
SH180-4	C-SCP510H38B	PANASONIC
SH184-4	C-SCP510H38B	PANASONIC

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EQUIVALENCES

Danfoss

SZ110-4	C-SCN673H8K	PANASONIC
SZ120-4	C-SCN753H8K	PANASONIC
SZ148-4	C-SCN903H8K	PANASONIC
SZ161-4	C-SCN903H8K	PANASONIC
VRJ044-K	C-SDP205H02B	PANASONIC
VSH088-G	C-SDVN543H0C	PANASONIC
SZ084-4	C-SBS195H38A	PANASONIC
SZ110-4	C-SCN603H8K	PANASONIC
HCJ120	C-SCP360H38B	PANASONIC
HLH061	C-SBP170H38B	PANASONIC
HLH068	C-SCP270H38B	PANASONIC
HLP072	C-SBS195H38A	PANASONIC
HLP081	C-SBS235H38B	PANASONIC
HRH040	C-SBP120H38B	PANASONIC
HRH049	C-SBP140H38B	PANASONIC
HRP047	C-SBS145H38A	PANASONIC

EQUIVALENCES

Highly

REFERENCE MODEL	EQUIVALENT MODEL	MANUFACTURER
WHP07140DCV	C-3R322L4AAL	AVIC
DDH356LV	C-3RH322L4AAL	AVIC
WHP09500AEDP	C-7RVN113M0A	AVIC
WHP11500AEDP	C-7RVN153L0A	AVIC
DDH356LV	C-3RHV359L4AAL	AVIC
WHP09800DCV	C-3R463L4AAL	AVIC
WHP00990BCV	JSK64V16UZH	GMCC
ASD084CK	ASK89D53UEZ	GMCC
ASD084SD	ASK89D53UEZ	GMCC
WHP01650PSV	RDSM89V1TDZ	GMCC
GSD092TV	KSN93V11UDZ1	GMCC
BSD092DV	RJSN82V2TZZ1	GMCC
ADD102SV	PA108M1C-4DZDE2	GMCC
BSD102DV	RJSN118V1TZR	GMCC
WHP01600BHV	RJSN118V1TZR	GMCC
WHP01600BSV	RJSN118V1TZR	GMCC
BSD104DV	RJSN118V1TZR	GMCC
WHP02000PSV	DSM135V11VDZ	GMCC
ASG108CV	PA108M1C-4DZDE2	GMCC
BSD122DV	PJ125G1C-4DZDE	GMCC
BSD122DT	PJ125G1C-4DZDE	GMCC
WHP01900BSV	PJ125G1C-4DZDE	GMCC
WHP01900BHV	PJ125G1C-4DZDE	GMCC
WHP01900BUV	PJ125G1C-4DZDE	GMCC
ASL135SV	PA125G1C-4FTL	GMCC
ADL135SV	PA125G1C-4FTL	GMCC
WHP02600PSV	DSM135V11VDZ	GMCC
ASL145SV	PA150M2A-7FTS1	GMCC

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EQUIVALENCES

Highly

WHP02250BUV	PJ160G1C-4DZ	GMCC
ASG151CDN	ATN150D42UFZ	GMCC
ASL155SV	PA150M2A-7FTS1	GMCC
ATL165SD	ATN150D42UFZ	GMCC
WHP02720BSV	PJ160G1C-4DZ	GMCC
ASL180SV	PA170M2C-4ET2	GMCC
BSL180DT	PJ160G1C-4DZ	GMCC
WHP02830BSV	PJ160G1C-4DZ	GMCC
WHP02830BHV	PJ160G1C-4DZ	GMCC
WHP02830BUV	PJ160G1C-4DZ	GMCC
GSH175TV	KSG186V1VKT	GMCC
ATL188SDN	ATF200D22UMT	GMCC
GSL190SV	KSG186V1VKT	GMCC
GSH190TV	KSG186V1VKT	GMCC
ASH201SV	PA215M2AS-4KU	GMCC
WHP06900AEV	PA215M2AS-4KU	GMCC
CSL211CV	PG225X2C-4FT	GMCC
ASH218SV	PA215M2AS-4KU	GMCC
CSL232CV	PG225X2C-4FT	GMCC
GSH232SV	KSG250V1VMT	GMCC
CH833UC4-U	PG225X2C-4FT	GMCC
BSL253DT	PJ250M2C-4FT	GMCC
WHP03970BSV	PJ250M2C-4FT	GMCC
WHP03970BHV	PJ250M2C-4FT	GMCC
WHP03970BUV	PJ250M2C-4FT	GMCC
CH933-R	PG225X2C-4FT	GMCC
ASH264SV	PA270G2C-4FT1	GMCC
ATH280CV	PA290G2CS-4MU1	GMCC
CHZ33LC4-U	PG330G2C-7KTS	GMCC
ATH290CV	PA290G2CS-4MU1	GMCC
CHY33MC4-U	PG330G2C-7KTS	GMCC

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EQUIVALENCES

Highly

WHP10100AEV	PA290G2CS-4MU1	GMCC
PSH307HV	DSG310S1UFT	GMCC
ATH325CV	PA331X3CS-4MU1	GMCC
WHP05100BSV	PJ340M2CS-4KU	GMCC
WHP05100BUV	PJ340M2CS-4KU	GMCC
CHW33TC4-U	PG330G2C-7KTS	GMCC
ATH356SDP	ATQ360D1UMU	GMCC
CHV33YC6-U	PG400G2C-7FTS	GMCC
ATH420SD	ATQ420D1UMU	GMCC
BSA586CV	JSK64V16UZH	GMCC
WHP01100PSV	RDSK57V11EZR	GMCC
WHP00930BSV	JSK64V16UZH	GMCC
WHP00930BUV	JSK64V16UZH	GMCC
BSA645CV	JSK64V16UZH	GMCC
BSA645DT	JSK64V16UZH	GMCC

Conditions

CONDITIONS OF SALE

The delivery time and the ordered material and price will be confirmed by AREA within 24 hours from receipt of order. AREA will specifically request customer approval for the confirmation of this delivery time, material and price. In case of not receiving the requested confirmation, AREA deemed correct and accepted by the customer. The payment will be agreed in each case with the customer fulfilling the new law 15/2010 of 5 July 2010.

The customer specifically agree that the implementation of the offer shall be subject to the general conditions for the supply and installation of electrical, mechanical and electronics products associated with Orgalime SE -01 Brussels, September 2001 Edition.

WARRANTY CONDITIONS

Guarantees shall be executed in direct mode for one year from the date of sale, reserving the right to request AREA material for analysis. AREA also reserves the right to award an additional warranty period of certain products, through a warranty document attached on these specific products. The warranty request has to be in a written form, giving the reasons for the complaint.

If AREA requests the material for analysis, the customer will receive a Return Authorization document issued by AREA. The customer must return the material requested by AREA, freight prepaid, to our location in Santa Perpetua de Mogoda (Barcelona) Spain, enclosing a copy of the Return Authorization received. The reclaimed material can be analyzed by AREA or, in some cases, can be shipped to the appropriate manufacturer to proceed to its analysis and rule on the cause of the problem. The material manufactured by AREA or another company in our group as well as that sold under brand AREA will be used in all cases by AREA. In the case of material analyzed by AREA, it will be issued and made available to the customer a tech-

nical report within a maximum period of 30 days from the date of receipt.

In the case that AREA send the material to manufacturers, AREA deliver the technical report from manufacturer to customer within 24 hours of receiving the report. AREA warranty will not cover the material that has been installed or used incorrectly by the customer, the installer or the end user. Technical report dictates whether the failure is caused by incorrect installation or use, or a manufacturing defect product. The warranties for manufacturing defects will be the replacement of defective goods or the payment thereof. It is at the discretion of AREA how the guarantee will be met either by reposition or by paying the material.

RETURN MATERIAL CONDITIONS

Returns will be accepted within the next 15 calendar days from the delivery date. All returns must have prior authorization from our sales department who will assign you a return number must be included in a conspicuous place in the delivery of the returned merchandise. Material returns will be accepted without such reference.

The material shall be shipped freight prepaid by the customer to our address: C / Valencia 17-19, 4 Ind., 08130, Santa Perpetua de Mogoda, Barcelona, Spain. The material should arrive in perfect condition and in original packaging. As soon as it is verified the status of the return, the customer will be paid up to a maximum of 85% of net invoice value for the costs of packaging and product reviews. All conditions of sale, warranty and return material foregoing apply immediately from the date of publication of this document until the publication of a new edition to replace the present.

TERRITORIAL RESTRICTION OF SALES

FRASCOLD products, throughout Italy is restricted.

European Network



01
Spain
Head Quarter
BARCELONA
Warehouse

02
Poland
Design Center
WROCLAW
Production
& Warehouse

03
Poland
WARSAW
Warehouse

04
Poland
GDYNIA
AREAShop

05
Ukraine
KIEV
Office

06
Italy
MILAN
Office

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for a Green Future**

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