

2021

Condensing Units Catalogue



Designed and
manufactured
in Europe



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Area Cooling Solutions



Designed and
manufactured
in Europe



Since 2010, Area Cooling Solutions has developed a different and innovative range of condensing units, perfectly adapted to any commercial or industrial refrigeration application.

The entire range of AREA condensing units is designed and manufactured in Europe. Our condensing units meet the highest European standards, and they are being TÜV certified.

We offer the most complete range on the market in low temperature (LP) and medium/high temperature (MHP) applications.

The units can operate under any climate - even in the hottest tropical conditions, with conventional refrigerants, type R448A, R449A, R513A, R134a, A2L (R455A and R454C) and natural refrigerant CO₂(R744).

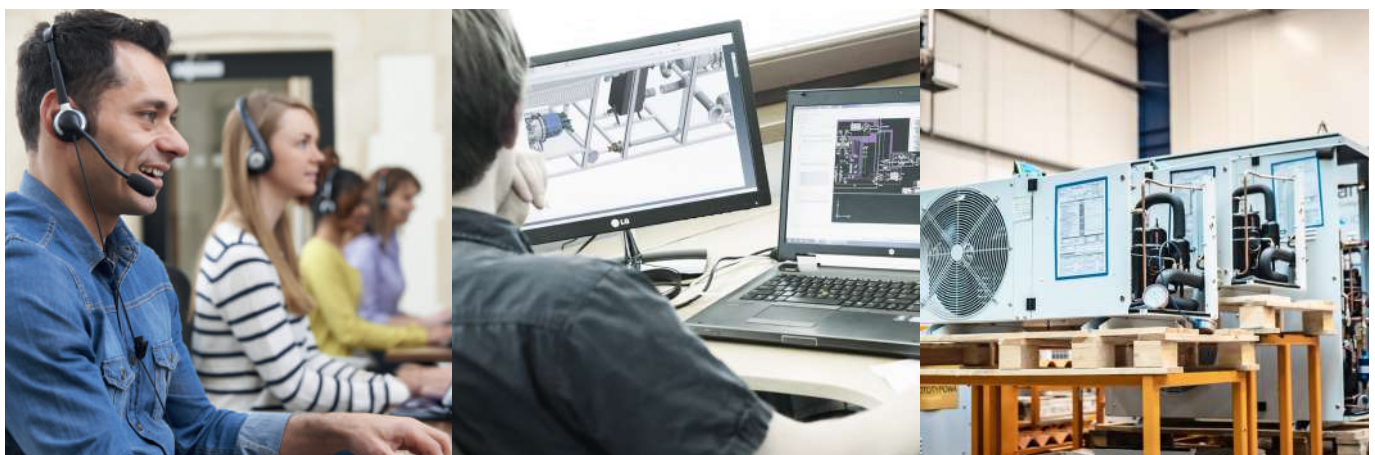
Our condensing units combine both tradition and innovation. In order to guarantee the greatest reliability and durability of your installation, AREA

condensing units have kept the traditional principles of a refrigeration circuit, offering oil separators, suction accumulator, metal housing, phase controllers, etc on all our units (option or series).

Energy savings, low noise levels and integration of the units into the urban environment are the essence of our innovations.

Thus, we were among the first to offer a plug&play inverter condensing units, to use advanced technologies, such as large diameter EC fans (low noise level of our units), Panasonic scroll inverter hermetic compressors or rotary inverter compressors with liquid injection.

Choosing an AREA condensing unit is the guarantee of an efficient and successful installation for any commercial refrigeration application, such as petrol stations, convenience stores, butcheries, bakeries, ice machines, cold rooms, milk tanks, restaurants, hotels, catering, kitchens etc.





We are AREA, the HVAC and Refrigeration Company



Multilingual, native speaker team



Design and production in the EU



Technical support Field/Online



Application expertise



Spare parts management



areacademy
Online/Offline training

Since 1986 @ your side for HVAC and Refrigeration projects

We understand your business, and provide you with the best solutions for your new shop.



Scan the code
And learn more about who are we



**Smart Solutions
for a Green Future**





Calculation Software

Area Cooling Solutions is pleased to announce the launch of our Calculation Software.

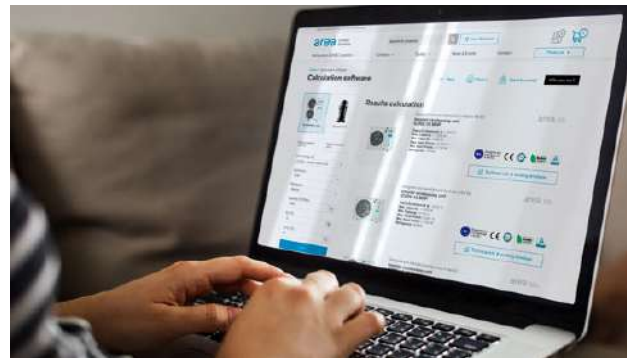
Select your product in the easiest way with our new online tool. You can search either by Capacity or by a Specific Product line. You can consult the Technical Information and the Working Envelopes, and you also can print or share the configuration you have made with whoever you wish.

In this way, you will simplify the selection process and will be able to find what fits your needs.



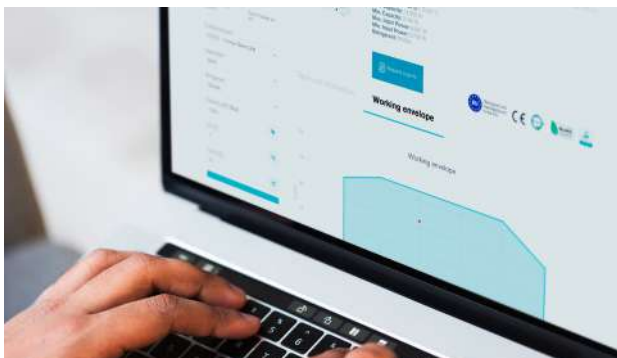
Specify your needs on the form

Search forms based on product type, capacity or model/unit.



Select your product from result

You will get a result list with the products that fit your needs.



Consult technical information

You will be able to consult the technical information and working envelopes of these products.



Share it!

You can also print or share the configuration you have made with others.

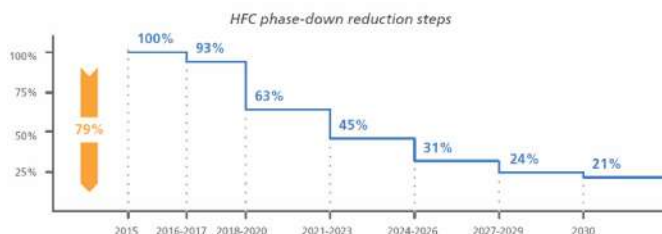


F-Gas for commercial refrigeration

1. From 1 January 2020

Stationary refrigeration equipment, only can use HFCs with GWP ≤ 2500 (except temperatures below -50°C)

'Stationary' means not normally in transit during operation, for example, a condensing unit for cold room.



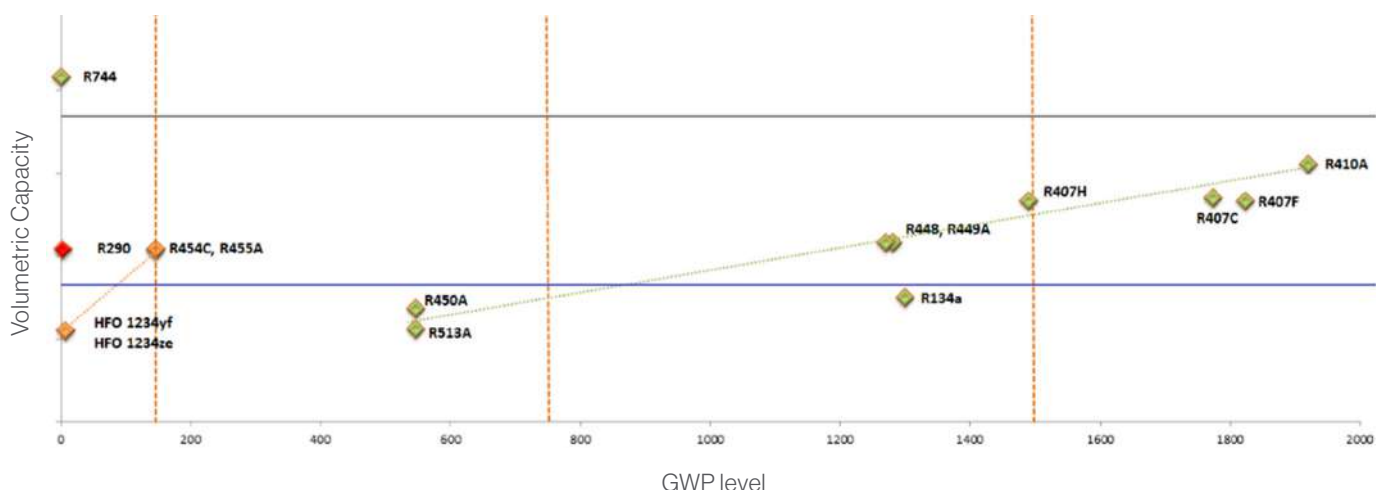
2. From 1 January 2022

A Multipack centralized refrigeration systems for commercial use must have a rated capacity $\leq 40\text{ kW}$ (GWP ≤ 2500)

B For more than 40 kW, refrigerants with GWP ≤ 150 must be used, except in the primary refrigerant circuit of cascade systems, GWP ≤ 1500

'Multipack centralized refrigeration systems' means systems with two or more compressors operated in parallel, which are connected to one or more common condensers and to a number of cooling evaporators.

The HFC's are affected by phase-down, so their use will be less and less in the coming years



Refrigerant class	
■	A1 non flammable
■	A2L Mildly flammable
■	A3 Flammable
—	Similar R410A
—	Similar R134a



Area Solutions for F-Gas

Family	Range kW -10°C/32°C	Range kW -30°C/32°C	Refrigerant	Limit Charge (kg)	Stationary refrigeration	Centralized Refrigeration Systems ≤ 40kW	Centralized Refrigeration Systems ≥ 40kW
BASICLine	1.7 - 9.0	0.6 - 5.0	R448A, R449A, R134a, R513A, R410A	No limit			
Silent HFC	4.0 - 22.0	2.7 - 6.0	R448A, R449A, R134a, R513A, R410A, R407C	No limit			
Silent A2L	0.5 - 9.0		R454C, R455A	11.43 (10.84)			
iCOOL HFC/HFO	0.5 - 29.0	0.5 - 14.0	R448A, R449A, R134a, R513A, R407C	No limit			Multi-unit**
iCOOL A2L	0.5 - 9.0	tbc	R454C, R455A	11.43 (10.84)			Multi-unit***
iCOOL CO₂	1.7 - 30.0	1.7 - 10.0	R744	No limit			Multi-unit***
iCOOL LOOP A1	1.1 - 6.3	tbc	R448A, R449A	No limit*			Multi-unit**
iCOOL LOOP A3	5.0	tbc	R290	0.5			Multi-unit***

The limit charge is defined by EN-378, according to public access and CU in unoccupied space, except water loop systems (public access and CU in occupied space). Using specific safety measures (such as an extra ventilation system), charge of A2L and A3 can be increased.

* A calculation must be done, toxicity limit x room volume. But in practice, there is no limitation for the use of iCOOL LOOP A1, due to the capacity of the unit.

** The match of the capacity (40 kW) and the GWP limit is defined for individual circuit. Therefore, it is allowed to use multi-unit solution if every circuit does not exceed the norm limit. For example, for 60 kW, it is possible to use two independent units of 30 kW each charged with A1 refrigerant.

*** For applications of more than 40 kW where GWP<150 is mandatory, AREA is offering a multi-unit application to reach the total capacity. The higher reliability and the easier installation are the two main advantages of such a solution.



Product range

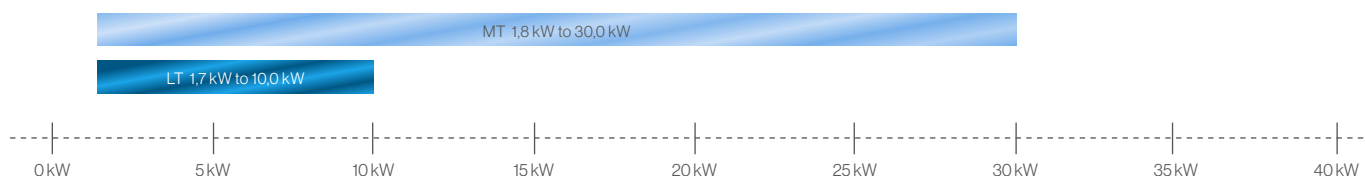
Inverter driven condensing units

Designed to operate at 43°C ambient temperature

iCOOL
Different
by Nature

iCOOL CO₂

R744



iCOOL HFC/HFO

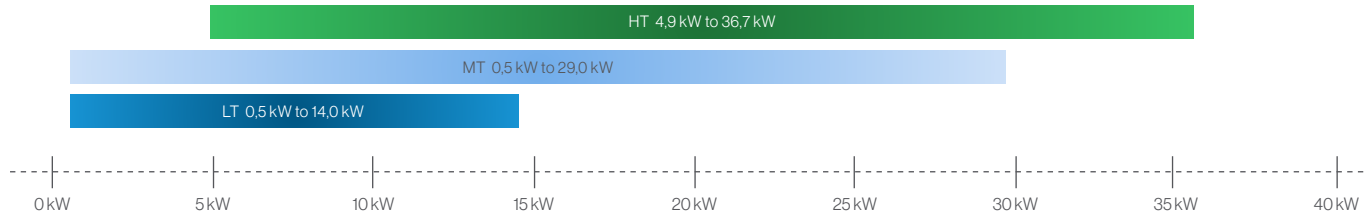
R449A

R448A

R513A

R134a

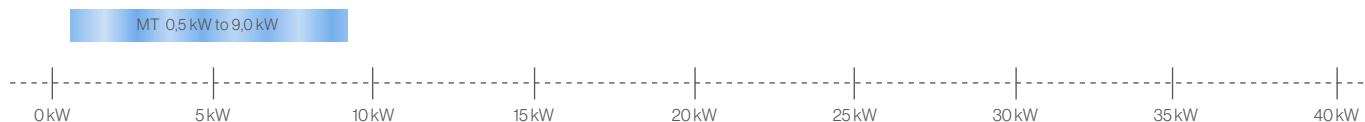
R407C



iCOOL A2L

R454C

R455A



HT	High Temperature	R410A / R407C	(Te +5°C / Tamb 32°C)
MT	Medium Temperature	R449A	(Te -10°C / Tamb 32°C)
LT	Low Temperature	R744	(Te -30°C / Tamb 32°C)
MT	Medium Temperature	R454C / R455A	(Te -10°C / Tamb 32°C)
LT	Low Temperature	R449A	(Te -30°C / Tamb 32°C)
MT	Medium Temperature	R744	(Te -10°C / Tamb 32°C)

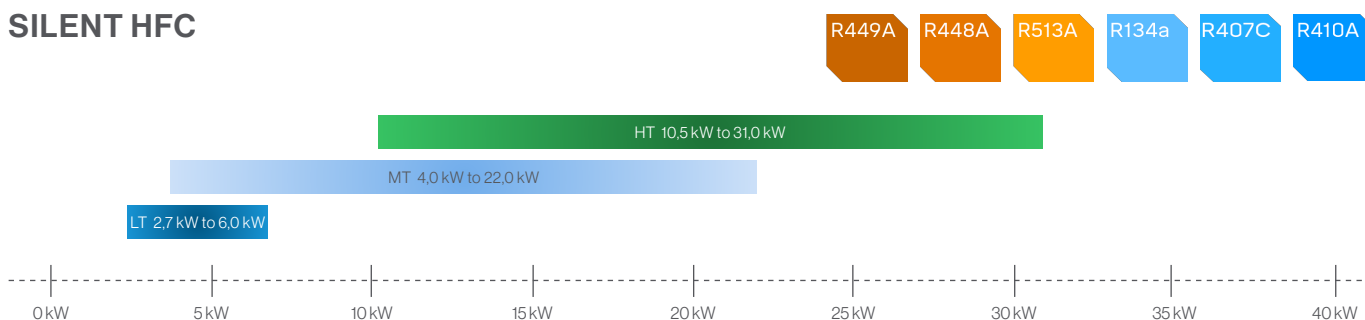


Product range

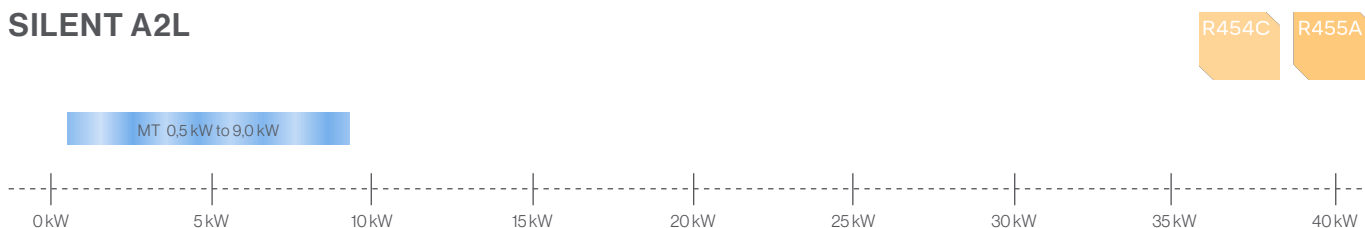
On/Off condensing units

Designed to operate at 43°C ambient temperature

SILENT HFC



SILENT A2L



BASICLine

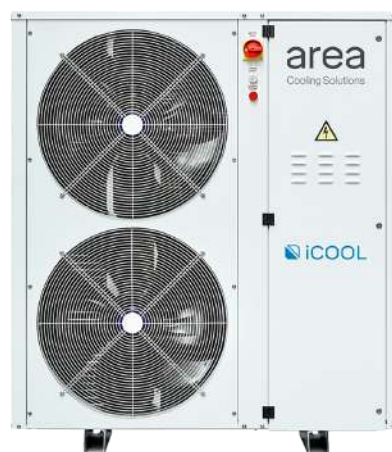
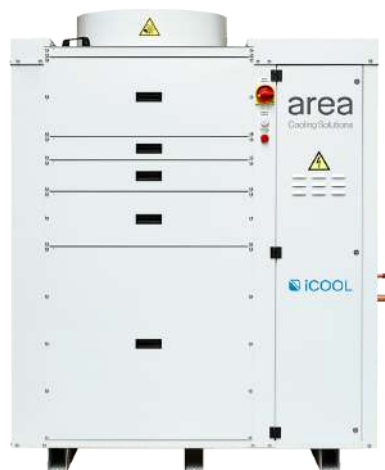


HT	High Temperature	R410A / R407C	(Te +5°C / Tamb 32°C)
MT	Medium Temperature	R449A	(Te -10°C / Tamb 32°C)
LT	Low Temperature	R449A	(Te -30°C / Tamb 32°C)
MT	Medium Temperature	R454C / R455A	(Te -10°C / Tamb 32°C)



iCOOL HFC / HFO

The benchmark
of inverter
condensing units



**Smart Solutions
for a Green Future**



Designed and
manufactured
in the EU



iCOOL HFC / HFO


Different
by Nature

The Ultimate Solution

iCOOL is the modular solution of inverter condensing unit that saves you time during installation and commissioning, as the unit is factory customized to your needs. Thanks to its large modulation capacity and its multi-refrigerant compliance, it can be used for any commercial refrigeration application providing service down to a minimum of 500W for a single evaporator.

The new remote control based on specific software ensures high uptime and reliability.

With a very simple user interface, low energy consumption, fast commissioning and easy maintenance, iCOOL by Area Cooling Solutions is the perfect solution for convenience stores, restaurant cold rooms, fuel stations, food stores, milk cooling and ice making equipment.



iCOOL, Different by Nature



iCOOL is the modular solution of inverter condensing unit that saves you time during installation and commissioning, as the unit is factory customized to your needs. Thanks to its large modulation capacity and its multi-refrigerant compliance, it can be used for any commercial refrigeration application providing service down to a minimum of 500W for a single evaporator.

Easy Selection

- Online selection software
- Hands-on and remote training
- Support to select the best HFC, A2L or CO₂ solution for any application

Easy installation

- Lightweight units
- Integrated options from factory
- Refrigeration design
- Flexible and fast delivery

Easy maintenance

- 180° access to all components
- Express delivery (24h) of spare parts and oil in the EU
- Remote control with ModBus TCP/IP

Easy commissioning

- Less than 3 minutes
- Multilingual assistance
- 100% functionally tested
- Active control option



Advanced control:

- Simple user interface
- Smooth start and stop function
- Working envelope control
- Oil return function
- Condenser cleaner (Option)
- Remote control via AreaCloud



Silent Inverter Condensing Units



High-Medium temperature,
380/415 V - 3ph - 50 Hz

iCOOL
Different
by Nature

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm ³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C	
iCOOL-4,5 MHP	536	1106	560	118	12	5/8"	3/8"	3,9	1x450	38	R448A / R449A	32	0,78	0,93	1,10	1,28	On demand
												Qmin 38	0,77	0,91	1,07	1,25	
												43	0,75	0,89	1,04	1,21	
												Qmax 38	4,63	5,62	6,54	7,61	
												43	4,65	5,43	6,30	7,30	
												43	4,62	5,39	6,26	7,21	
											R134a / R513A	32	0,48	0,57	0,67	0,77	
												Qmin 38	0,46	0,54	0,63	0,73	
												43	0,44	0,51	0,60	0,69	
												Qmax 38	3,37	4,00	4,62	5,33	
												43	3,12	3,68	4,28	5,00	
												43	2,90	3,43	4,00	4,66	
iCOOL-7 MHP	510	1140	760	135	12	3/4"	1/2"	7,1	1x630	39	R448A / R449A	32	1,13	1,33	1,55	1,79	On demand
												Qmin 38	1,10	1,30	1,53	1,77	
												43	1,08	1,29	1,51	1,75	
												Qmax 38	7,11	7,76	8,50	9,65	
												43	6,70	7,36	8,02	8,99	
												43	6,52	7,20	7,84	8,82	
											R134a / R513A	32	0,83	0,99	1,16	1,35	
												Qmin 38	0,78	0,93	1,09	1,26	
												43	0,74	0,87	1,02	1,19	
												Qmax 38	4,11	4,87	5,68	6,58	
												43	3,81	4,52	5,28	6,13	
												43	3,55	4,21	4,94	5,76	
iCOOL-10 MHP	510	1289	963	176	16	7/8"	1/2"	10	1x630	39,3	R448A / R449A	32	2,82	3,55	4,47	5,59	On demand
												Qmin 38	2,55	3,19	3,99	4,99	
												43	2,34	2,91	3,63	4,52	
												Qmax 38	10,02	11,88	14,05	16,57	
												43	8,91	10,60	12,58	14,89	
												43	8,03	9,58	11,41	13,55	
											R134a / R513A	32	2,07	2,61	3,30	4,16	
												Qmin 38	1,90	2,40	3,04	3,85	
												43	-	2,23	2,83	3,60	
												Qmax 38	6,16	7,55	9,25	11,29	
												43	5,75	7,05	8,63	10,54	
												43	5,42	6,65	8,14	9,94	
iCOOL-12 MHP	510	1420	963	196	16	7/8"	1/2"	10	1x710	40	R448A / R449A	32	2,96	3,73	4,69	5,87	On demand
												Qmin 38	2,67	3,35	4,19	5,24	
												43	2,45	3,06	3,81	4,75	
												Qmax 38	12,08	14,10	16,59	19,64	
												43	10,49	12,34	14,58	17,35	
												43	9,57	11,39	13,55	16,17	
											R134a / R513A	32	2,07	2,61	3,30	4,16	
												Qmin 38	1,90	2,40	3,04	3,85	
												43	-	2,23	2,83	3,60	
												Qmax 38	6,77	8,31	10,17	12,42	
												43	6,32	7,75	9,49	11,59	
												43	5,96	7,31	8,95	10,93	

>>>

*All units also work with R404A
**Subcooling: 3 K, Superheat: 10 K



Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm ²)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C	
iCOOL-15 MHP	541	1322	1493	256	17,5	11/8"	5/8"	15	2x630	44	R448A / R449A	32	4,06	5,04	6,24	7,66	On demand
												Qmin 38	3,67	4,55	5,63	6,94	
												43	3,37	4,17	5,16	6,38	
												Qmax 38	12,61	15,23	18,14	21,31	
												43	12,58	15,12	17,95	21,04	
												32	2,51	3,01	3,60	4,30	
											R134a / R513A	Qmin 38	2,29	2,76	3,32	3,99	
												43	2,13	2,56	3,10	3,74	
												Qmax 38	10,04	12,03	14,39	17,21	
												38	9,14	11,02	13,27	15,96	
												43	8,45	10,24	12,39	14,97	
												32	2,89	3,67	4,64	5,84	
iCOOL-17D MHP	541	1521	1493	310	16/11,1	11/8"	5/8"	15	2x630	44	R448A / R449A	Qmin 38	2,62	3,29	4,15	5,21	On demand
												43	2,40	3,01	3,77	4,73	
												Qmax 38	17,27	20,95	24,89	29,04	
												43	14,17	17,52	21,23	25,21	
											R134a / R513A	Qmin 38	2,21	2,79	3,54	4,48	
												43	-	2,39	3,04	3,87	
												Qmax 38	10,93	13,24	16,02	19,34	
												38	10,11	12,27	14,87	18,00	
												43	9,46	11,50	13,96	16,92	
											R448A / R449A	Qmin 38	2,89	3,67	4,64	5,84	
												43	2,62	3,29	4,15	5,21	
												Qmax 38	19,88	24,07	28,50	33,07	
												43	17,85	21,87	26,18	30,70	
												Qmin 38	2,21	2,79	3,54	4,48	
												43	16,23	20,10	24,31	28,75	
iCOOL-21D MHP	541	1521	1493	311	27	11/8"	5/8"	15	2x630	44	R448A / R449A	Qmin 38	2,03	2,57	3,26	4,14	On demand
												43	-	2,39	3,04	3,87	
												Qmax 38	13,09	15,62	18,84	22,45	
												38	11,87	14,62	17,56	20,99	
												43	11,45	14,46	17,40	20,58	
											R448A / R449A	Qmin 38	4,13	5,15	6,39	7,91	
												43	3,74	4,64	5,77	7,14	
												Qmax 38	23,52	28,42	33,85	39,77	
												43	20,87	25,43	30,54	36,20	
												Qmin 38	3,24	3,89	4,67	5,60	
												43	18,87	23,12	26,00	33,46	
iCOOL-26D MHP	950	1528	1488	400	16/13,8	7/8"	1/2"	15	2x630	44	R448A / R449A	Qmin 38	2,95	3,57	4,31	5,19	On demand
												43	2,73	3,31	4,02	4,87	
												Qmax 38	17,18	20,53	24,50	29,20	
												38	15,87	18,83	22,80	27,08	
												43	-	17,51	21,10	25,39	
											R448A / R449A	Qmin 38	4,13	5,15	6,39	7,91	
												43	3,44	4,26	5,29	6,56	
												Qmax 38	26,69	31,82	37,62	44,12	
												38	23,97	28,64	34,03	40,16	
												43	21,91	26,23	31,31	37,16	
												Qmin 38	3,24	3,89	4,67	5,60	
iCOOL-29D MHP	950	1528	1488	430	17,5/13,8	13/8"	7/8"	15	2x630	44	R448A / R449A	43	2,95	3,57	4,31	5,19	On demand
												Qmax 38	19,54	23,30	27,76	33,03	
												38	17,83	21,38	25,61	30,63	
												43	-	19,89	23,92	28,72	
											R134a / R513A	Qmin 38	2,95	3,57	4,31	5,19	
												43	2,73	3,31	4,02	4,87	
												Qmax 38	19,54	23,30	27,76	33,03	
												38	17,83	21,38	25,61	30,63	
												43	-	19,89	23,92	28,72	
												Qmin 38	2,95	3,57	4,31	5,19	

*All units also work with R404A
**Subcooling: 3 K, Superheat: 10 K



Silent Inverter Condensing Units



Low temperature,
380/415 V - 3ph - 50 Hz

iCOOL
Different
by Nature

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm ³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-30°C)	(-25°C)	(-20°C)	(-15°C)	
iCOOL-3 MP	536	1106	560	125	12	3/4"	1/2"	3,9	1x450	38	R448A	32	0,53	0,66	0,80	0,96	On demand
												38	0,49	0,61	0,76	0,92	
												43	0,47	0,60	0,74	0,91	
												32	3,40	4,11	4,89	5,71	
												38	3,35	4,03	4,76	5,53	
												43	3,26	3,91	4,59	-	
											R449A	32	0,54	0,67	0,81	0,98	
												38	0,50	0,62	0,77	0,94	
												43	0,48	0,61	0,76	0,92	
												32	3,47	4,19	4,98	5,83	
												38	3,41	4,11	4,86	5,64	
												43	3,32	3,99	4,68	-	
iCOOL-10 MP	541	1322	1493	286	24,6	1 1/8"	5/8"	15	2x630	44	R448A	32	2,14	2,78	3,64	4,77	On demand
												38	1,83	2,42	3,21	4,26	
												43	1,60	2,14	2,87	3,86	
												32	8,33	10,37	12,79	15,55	
												38	7,75	9,69	11,94	14,48	
												43	7,27	9,13	11,26	13,63	
											R449A	32	2,18	2,84	3,72	4,88	
												38	1,87	2,47	3,27	4,36	
												43	1,63	2,18	2,93	3,95	
												32	8,51	10,59	13,06	15,87	
												38	7,91	9,89	12,19	14,79	
												43	7,43	9,32	11,50	13,91	
iCOOL-17D MP	950	1528	1488	460	24,6/ 17,3	1 3/8"	7/8"	15	2x630	44	R448A	32	2,14	2,79	3,65	4,78	On demand
												38	1,84	2,42	3,21	4,27	
												43	1,60	2,14	2,88	3,87	
												32	13,93	17,14	20,97	25,41	
												38	12,76	15,78	19,35	23,48	
												43	11,82	14,69	18,06	-	
											R449A	32	2,17	2,85	3,73	4,88	
												38	1,87	2,47	3,28	4,36	
												43	1,64	2,18	2,94	3,95	
												32	14,22	17,50	21,41	25,94	
												38	13,03	16,11	19,76	23,97	
												43	12,07	15,00	18,44	-	

*All units also work with R404A
**Subcooling: 3 K, Superheat: 10 K



iCOOL A2L is the latest development of the successful iCOOL range designed and manufactured in Europe by AREA.



Already existing in conventional refrigerant (HFC/HFO-A1) and natural refrigerant (CO₂), the iCOOL family is expanding with a new range designed to be used with A2L refrigerant like R454C/R455A (GWP < 150) in compliance with EN 378-2:2016.

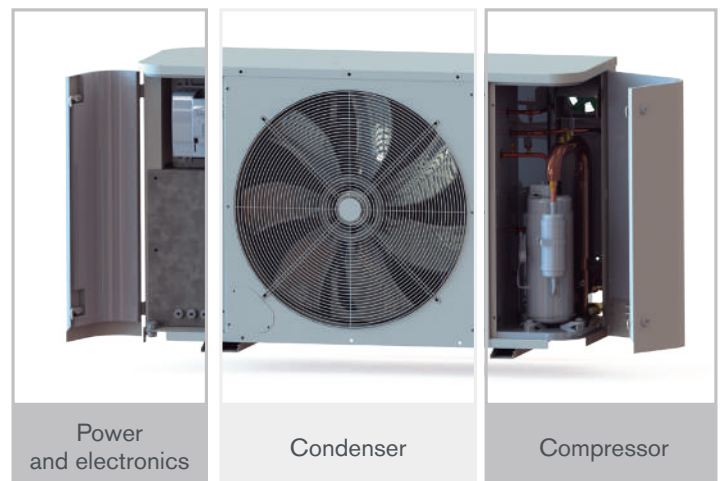
With iCOOL A2L, we improve iCOOL benefits to push forward standards:

- Higher energy savings and wider capacity modulation (15% to 100%), thanks to the use of a new BLDC compressor.
- More silent, thanks to the use of a larger EC fan and special sound-proof chamber for compressor
- Enhanced safety for A2L charge, thanks to the **3 isolated chambers** allowing independent access to power and electronics, condenser, and compressor.

And we keep the features that makes the success of the iCOOL range:

- Easy installation, plug&play compact unit.
- Easy commissioning, start-up guaranteed in less than 3 minutes.
- High reliability, customized control to protect the compressor.

3 isolated chambers



Sustainability is a core value of AREA, iCOOL A2L is designed to help retailers in the **food sector, food service and cold storage segments** comply with F-Gas on time.



eSLIM Silent Inverter Condensing Unit



High-Medium temperature,
380/420 V - 3ph - 50 Hz

iCOOL
Different
by Nature

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE*				Price (€)	
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	(0°C)	(5°C)		
iCOOLeSLIM-9 MHP	471	1286	858	170	15,6	7/8"	1/2"	10,0	1x710	39	R455A	Qmin	32	2,04	2,45	2,92	3,43	On demand
												38	1,97	2,37	2,83	3,33		
												43	1,89	2,29	2,73	3,22		
												32	9,25	11,14	13,25	15,59		
												Qmax	38	8,94	10,79	12,86	15,16	
												43	8,61	10,41	12,42	14,65		

*Subcooling: 3 K, Superheat: 10 K



Air Ducted Inverter Condensing Units



High-Medium temperature,
380/415 V - 3ph - 50 Hz

iCOOL
Different
by Nature

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C	
iCOOL MAX-17D MHP	790	1327	1677	320	16/ 11,1	11/8"	5/8"	15	1x560	44	R448A / R449A	32	2,85	3,59	4,52	5,80	On demand
												Qmin 38	2,62	3,29	4,12	5,28	
												43	-	3,07	3,83	4,91	
												32	17,17	20,46	24,15	29,18	
												Qmax 38	15,63	18,65	22,15	26,95	
												43	14,57	17,42	20,70	25,35	
												32	2,66	3,31	4,13	5,15	
												Qmin 38	2,47	3,08	3,84	4,79	
												R134a/ R513A 43	-	-	-	4,51	
												32	10,91	13,21	15,98	19,29	
iCOOL MAX-21D MHP	790	1327	1677	311	16/ 13,8	11/8"	5/8"	15	1x560	44	R448A / R449A	32	2,93	3,71	4,71	6,09	On demand
												Qmin 38	2,70	3,40	4,29	5,54	
												43	-	3,18	3,99	5,15	
												32	19,76	23,36	28,12	32,85	
												Qmax 38	17,79	21,09	25,73	30,16	
												43	16,41	19,53	24,14	28,20	
												32	2,66	3,31	4,13	5,15	
												Qmin 38	2,47	3,08	3,84	4,79	
												R134a/ R513A 43	-	-	-	4,51	
												32	13,13	15,81	19,02	22,83	
iCOOL MAX-26D MHP	790	1327	1677	400	17,5/ 13,8	13/8"	7/8"	15	1x560	44	R134a/ R513A	32	4,27	5,21	6,35	7,75	On demand
												Qmin 38	-	4,63	5,70	7,07	
												43	-	-	-	6,57	
												32	16,09	19,32	23,04	28,32	
												Qmax 38	15,16	18,23	21,81	26,96	
												43	-	17,69	21,14	26,54	

*All units except iCOOL MAX-26 D MHP also work with R404A

**Subcooling: 3 K, Superheat: 10 K



Air Ducted Inverter Condensing Units



Low temperature,
380/415 V - 3ph - 50 Hz

iCOOL
Different
by Nature

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm ³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-30°C)	(-25°C)	(-20°C)	(-15°C)	
iCOOL MAX-10 MP	790	1327	1677	250	15,1	11/8"	5/8"	15	1x560	44	R448A	32	2,36	2,90	3,52	4,22	On demand
												Qmin 38	2,25	2,77	3,36	4,00	
												43	2,18	2,68	3,24	3,84	
												32	8,85	10,87	13,22	15,82	
												Qmax 38	8,45	10,40	12,60	15,01	
												43	8,17	10,06	12,16	14,40	
											R449A	32	2,52	3,09	3,76	4,50	
												Qmin 38	2,40	2,96	3,58	4,27	
												43	2,32	2,86	3,46	4,09	
												32	9,43	11,59	14,09	16,86	
												Qmax 38	9,01	11,08	13,44	16,00	
												43	8,71	10,72	12,96	15,35	

*All units also work with R404A
**Subcooling: 3 K, Superheat: 10 K



Water Condenser Inverter Condensing Units



High-Medium temperature,
380/415 V - 3ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections (mm)		Receiver (dm³)	Refrigerant	Water conditions (°C)	Tcond (°C)	Cooling capacity (kW) at TE				Price (€)		
	W.	L.	H.			Suction	Liquid					(-10°C)	(-5°C)	0°C	5°C			
WPTXiAr-4.5 MHP	665	700	605	135	12	16	10	3,9	R449A	15/20	Qmin	40	0,87	1,13	-	-	On demand	
											Qmax		4,84	5,79	-	-		
										40/45	Qmin	50	0,94	1,11	-	-		
											Qmax		4,80	5,74	-	-		
										R134a	15/20	Qmin	40	0,47	0,56	0,66		0,77
												Qmax		3,98	4,75	5,58		6,51
WPTXiAr-7 MHP	665	700	605	140	12	18	10	7,1	R449A	15/20	Qmin	40	1,120	1,42	-	-	On demand	
											Qmax		6,25	7,25	-	-		
										40/45	Qmin	50	1,18	1,41	-	-		
											Qmax		6,05	6,95	-	-		
										R134a	15/20	Qmin	40	0,81	0,97	1,13		1,33
												Qmax		5,41	6,44	7,54		8,77
WPTXiSs-10 MHP	625	1300	758	160	16	22	12	10	R449A	15/20	Qmin	40	2,97	3,97	5,08	6,32	On demand	
											Qmax		11,79	14,67	17,99	21,76		
										40/45	Qmin	50	2,02	3,12	4,24	5,39		
											Qmax		9,68	12,41	15,51	18,99		
										R134a	15/20	Qmin	40	2,60	3,25	4,07		5,10
												Qmax		6,44	7,99	9,94		12,38
WPTXiSs-15 MHP	625	1300	758	190	17,5	28	16	14	R449A	15/20	Qmin	40	4,09	5,08	6,33	7,89	On demand	
											Qmax		16,47	20,30	24,72	29,69		
										40/45	Qmin	50	3,52	4,34	5,38	6,68		
											Qmax		13,48	16,59	20,28	24,56		
										R134a	15/20	Qmin	40	3,43	4,15	5,02		6,08
												Qmax		10,39	12,57	15,21		18,42
WPTXiSs-17D MHP	625	1300	950	210	16/ 11,1	28	16	14	R449A	15/20	Qmin	40	2,97	3,97	5,08	6,32	On demand	
											Qmax		19,23	24,08	29,69	36,06		
										40/45	Qmin	50	2,02	3,12	4,24	5,39		
											Qmax		15,85	20,33	25,46	31,25		
										R134a	15/20	Qmin	40	2,60	3,25	4,07		5,10
												Qmax		11,42	14,02	17,23		21,21
										40/45	Qmin	50	2,31	2,89	3,62	4,54		
											Qmax		10,07	12,40	15,27	18,82		

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Water Condenser Inverter Condensing Units



High-Medium temperature,
380/415 V - 3ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections (mm)		Receiver (dm³)	Refrigerant	Water conditions (°C)	Tcond (°C)	Cooling capacity (kW) at TE				Price (€)
	W.	L.	H.			Suction	Liquid					(-10°C)	(-5°C)	0°C	5°C	
WPTXiSs-21D MHP	625	1300	950	215	16/13,8	28	16	14	R449A	15/20	Qmin	2,97	3,97	5,08	6,32	On demand
										Qmax	40	23,08	28,95	35,74	43,46	
										40/45	Qmin	2,02	3,12	4,24	5,39	
										Qmax	50	19,04	24,43	30,61	37,59	
									R134a	15/20	Qmin	2,60	3,25	4,07	5,10	
										Qmax	40	14,03	17,17	21,05	25,84	
WPTXiSs-26D MHP	575	1650	905	240	17,5/14,5	28	22	14	R449A	40/45	Qmin	2,31	2,89	3,62	4,54	On demand
										Qmax	50	12,32	15,14	18,61	22,89	
										15/20	Qmin	4,09	5,08	6,33	7,89	
										Qmax	40	27,76	34,58	42,47	51,39	
									R134a	40/45	Qmin	3,52	4,34	5,38	6,68	
										Qmax	50	22,84	28,61	35,38	43,16	
WPTXiSs-29D MHP	575	1650	905	270	17,5/22,2	35	22	14	R449A	15/20	Qmin	3,43	4,15	5,02	6,08	On demand
										Qmax	40	17,98	23,20	28,34	34,67	
										40/45	Qmin	2,96	3,60	4,39	5,35	
										Qmax	50	15,52	18,88	23,00	28,03	
									R134a	15/20	Qmin	4,09	5,08	6,33	7,89	
										Qmax	40	32,36	40,01	49,23	60,18	



Low temperature,
380/415 V - 3ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections (mm)		Receiver (dm³)	Refrigerant	Water conditions (°C)	Tcond (°C)	Cooling capacity (kW) at TE				Price (€)
	W.	L.	H.			Suction	Liquid					(-30°C)	(-25°C)	(-20°C)	(-15°C)	
WPTXiAr-3 MP	665	700	605	140	12	18	10	7,1	R449A	15/20	Qmin	0,53	0,66	0,82	0,99	On demand
										Qmax	40	3,11	3,77	4,51	5,34	
										40/45	Qmin	0,51	0,65	0,8	0,98	
WPTXiSs-10 MP	625	1300	758	200	24,6	28	16	14	R449A	40/45	Qmax	3,09	3,74	4,44	5,21	On demand
										15/20	Qmin	3,10	3,18	3,21	3,49	
										Qmax	40	9,25	11,47	14,13	17,22	
WPTXiSs-17D MP	575	1650	905	270	24,6/17,3	35	22	14	R449A	40/45	Qmin	2,39	2,48	2,5	2,74	On demand
										Qmax	50	8,54	10,58	12,93	15,57	
										15/20	Qmin	3,10	3,18	3,21	3,49	
										Qmax	40	15,01	18,77	23,3	28,56	On demand
										40/45	Qmin	2,39	2,48	2,5	2,74	
										Qmax	50	13,6	17,01	21,02	25,61	



Compressor Base Inverter Units



High-Medium temperature,
380/415 V - 3ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections (mm)		Receiver (dm³)	Refrigerant	Tcond (°C)	Cooling capacity (kW) at TE				Price (€)	
	W.	L.	H.			Suction	Liquid				(-10°C)	(-5°C)	0°C	5°C		
PTXiAr-4.5 MHP	665	700	605	100	12	16	10	3,9	R449A	Qmin	45°C	0,91	1,12	-	-	On demand
									Qmax	4,81		5,76	-	-		
									R134a	Qmin	45°C	0,45	0,54	0,63	0,73	
									Qmax	3,79		4,52	5,31	6,20		
PTXiAr-7 MHP	665	700	605	105	12	18	10	7,1	R449A	Qmin	45°C	1,19	1,41	-	-	On demand
									Qmax	6,14		7,08	-	-		
									R134a	Qmin	45°C	0,76	0,91	1,07	1,26	
									Qmax	5,34		6,33	7,41	8,61		
PTXiSs-10 MHP	554	1200	758	118	16	22	12	10	R449A	Qmin	45°C	2,47	3,52	4,64	5,83	On demand
									Qmax	10,69		13,49	16,7	20,33		
									R134a	Qmin	45°C	2,45	3,07	3,84	4,82	
									Qmax	6,09		7,57	9,41	11,70		
PTXiSs-15 MHP	625	1300	758	150	17,5	28	16	14	R449A	Qmin	45°C	3,79	4,69	5,83	7,25	On demand
									Qmax	14,89		18,34	22,37	26,98		
									R134a	Qmin	45°C	3,18	3,86	4,69	5,70	
									Qmax	9,65		11,71	14,22	17,28		
PTXiSs-17D MHP	625	1300	758	173	16/ 11,1	28	16	14	R449A	Qmin	45°C	2,47	3,52	4,64	5,83	On demand
									Qmax	17,47		22,13	27,49	33,57		
									R134a	Qmin	45°C	2,45	3,07	3,84	4,82	
									Qmax	10,71		13,18	16,23	19,98		
PTXiSs-21D MHP	625	1300	758	175	16/ 13,8	28	16	14	R449A	Qmin	45°C	2,47	3,52	4,64	5,83	On demand
									Qmax	20,97		26,59	33,07	40,43		
									R134a	Qmin	45°C	2,45	3,07	3,84	4,82	
									Qmax	13,14		16,12	19,80	24,32		
PTXiSs-26D MHP	575	1650	905	194	17,5/ 14,5	35	22	14	R449A	Qmin	45°C	3,79	4,69	5,83	7,25	On demand
									Qmax	25,17		31,44	38,74	47,08		
									R134a	Qmin	45°C	3,18	3,86	4,69	5,70	
									Qmax	16,70		20,26	24,61	29,90		
PTXiSs-29D MHP	575	1650	905	224	17,5/ 22,2	35	22	14	R449A	Qmin	45°C	3,79	4,69	5,83	7,25	On demand
									Qmax	29,63		36,51	44,86	54,85		
									R134a	Qmin	45°C	3,18	3,86	4,69	5,70	
									Qmax	19,30		23,42	28,44	34,56		



Low temperature,
380/415 V - 3ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections (mm)		Receiver (dm³)	Refrigerant	Tcond (°C)	Cooling capacity (kW) at TE				Price (€)	
	W.	L.	H.			Suction	Liquid				(-30°C)	(-25°C)	(-20°C)	(-15°C)		
PTXiAr-3 MP	665	700	605	105	12	18	10	7,1	R449A	Qmin Qmax	45°C	0,51 3,09	0,65 3,75	0,81 4,47	0,98 5,27	On demand
PTXiSs-10 MP	554	1200	905	153	24,6	28	16	14	R449A	Qmin Qmax	45°C	2,74 8,87	2,84 11,00	2,86 13,5	3,12 16,37	On demand
PTXiSs-17D MP	575	1658	903	261	24,6/ 17,3	35	22	14	R449A	Qmin Qmax	45°C	2,74 14,26	2,84 17,85	2,86 22,11	3,12 27,07	On demand

Spare parts

for iCOOL HFC / HFO



Spare parts for Silent Inverter Condensing Units

Main spare parts

CU MODEL		iCOOL 4,5 MHP	iCOOL 7 MHP	iCOOL 10 MHP	iCOOL 12 MHP	iCOOL 15 MHP	iCOOL 17D MHP	iCOOL 21D MHP	iCOOL 26D MHP	iCOOL 29D MHP	iCOOL 3 MP	iCOOL 10 MP	iCOOL 17D MP
Main spare parts	Code	Quantity											
Compressor inverter	C-7RVN113L0A	1											
Compressor inverter	C7RVN153L0A		1								1		
Compressor inverter	C-SBS180H00B			1	1		1	1					
Compressor inverter	C-SBVN373L0B					1			1	1			
Compressor	C-SBN303H8G SG						1						
Compressor	C-SBN453H8G SG							1	1				
Compressor	C-SCN603H8T									1			
Compressor inverter	C-SCVN603L0J											1	1
Compressor	C-SCN603L8H												1
Condenser	AT40-772	1									1		
Condenser	AT56-1072		1										
Condenser	C2S9108-1062			1									
Condenser	C2S9108-1164				1								
Condenser	C2S9220-900								1	1			1
Condenser	C2S9165-1000					1	1	1				1	
Check valve	SR-06	1									1		
Check valve	SR-08		1	1	1		1	1				1	1
Check valve	3133W/5					1		1	1	1			
Dual pressure switch	KP15 060-514166	1	1	1	1	1	1	1	1	1	1	1	1

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Spare parts for Silent Inverter Condensing Units

CU MODEL		iCOOL 4,5 MHP	iCOOL 7 MHP	iCOOL 10 MHP	iCOOL 12 MHP	iCOOL 15 MHP	iCOOL 17D MHP	iCOOL 21D MHP	iCOOL 26D MHP	iCOOL 29D MHP	iCOOL 3 MP	iCOOL 10 MP	iCOOL 17D MP
Main spare parts	Code	Quantity											
Fan	A3G 450 AO 02-04	1									1		
Fan	FN063-6IA.BDA7P2		1	1		1	1	1	1	1		1	1
Fan	FN071-6IA.BDA7P3				1								
Fan speed regulator	P315PR-9200C	1	1	1	1	1	1	1	1	1	1	1	1
Filter drier	C-083S	1	1								1		
Filter drier	C-084S			1	1								
Filter drier	C-307S									1			
Filter drier	C-165S					1	1	1				1	
Filter drier	C-167S								1				1
Liquid ball valve	FQ-116-DN8	1	1								1		
Liquid ball valve	FQ-116-DN10			1	1								
Liquid ball valve	FQ-116-DN13					1	1	1				1	
Liquid ball valve	FQ-116-DN20								1	1			1
Suction ball valve	FQ-116-DN13	1											
Suction ball valve	FQ-116-DN15		1										
Suction ball valve	FQ-116-DN20			1	1						1		
Suction ball valve	FQ-116-DN25					1	1	1				1	
Suction ball valve	FQ-116-DN32								1	1			1
Low pressure switch	KP 1 (060-509466)					1	1	1	1	1		1	1
Oil separator	RSPW-55824	1	1	1	1		1	1			1	1	1
Oil separator	RSPW-55855					1			1	1			
Receiver 3,9 L	AR39	1									1		

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Spare parts for Silent Inverter Condensing Units

CU MODEL		iCOOL 4,5 MHP	iCOOL 7 MHP	iCOOL 10 MHP	iCOOL 12 MHP	iCOOL 15 MHP	iCOOL 17D MHP	iCOOL 21D MHP	iCOOL 26D MHP	iCOOL 29D MHP	iCOOL 3 MP	iCOOL 10 MP	iCOOL 17D MP
Main spare parts	Code	Quantity											
Receiver 7,1 L	1131064A	1											
Receiver 10 L	VLR.AR2.33B10.C3C3			1	1								
Receiver 15 L	ARCRL1590850B					1	1	1	1	1		1	1
Rotalock discharge valve	ROT1 1/4 X 7/8			1	1								
Rotalock discharge valve	ROT1 X 5/8					1	2	2	2	1			
Rotalock discharge valve	ROT1 X 7/8									1			
Rotalock discharge valve	ROTCSCN753L8HT											1	1
Safety valve	D7.CS-14-28.0	1	1								1		
Safety valve	D10.CS-1.2-30.0			1	1	1	1	1	1	1		1	1
Solenoid valve -Liquid injection	FDF 10302										1	1	1
Suction separator	RSPQ-597			1	1								
Suction separator	RSPQ-5139					1	1	1				1	
Suction separator	RSPQ-51711								1				1
Suction separator	RSPQ-61411									1			
Sight glass	SA 15S								1				
Sight glass	AKJ-13S	1									1		
Sight glass	AKJ-14S			1	1								
Sight glass	AKJ-15S					1	1	1		1		1	
Sight glass	AKJ-17S								1	1			1



Spare parts for Silent Inverter Condensing Units

Electrical spare parts

CU MODEL		iCOOL 4,5 MHP	iCOOL 7 MHP	iCOOL 10 MHP	iCOOL 12 MHP	iCOOL 15 MHP	iCOOL 17D MHP	iCOOL 21D MHP	iCOOL 26D MHP	iCOOL 29D MHP	iCOOL 3 MP	iCOOL 10 MP	iCOOL 17D MP
Electrical spare parts	Code	Quantity											
Crankcase heater	FCH-40	1	1								1		
Crankcase heater	CH280S			1	1	1	1	1	1	1			
Crankcase heater	CH255S									1		1	1
Inverter Driver	ACS402 15 2FA	1									1		
Inverter Driver	ACS402 19 2FA		1										
Inverter Driver	ACS402 23 3FA			1		1			1	1		1	1
Inverter Driver	ACS402 22 3FA				1								
Inverter Driver	ACS402 21 3FA						1	1					
Temperature sensor	CTA1.5S-PT1000	1	1	1	1	1	1	1	1	1	1	1	1
Thermostat for e-box fan	KSD9700.Q.5A.20C			1	1	1	1	1				1	
Thermostat KLIXON Shell	3NT01L-H7726						1		1			1	
Thermostat KLIXON Shell	3NT01L-H7728			1	1			1					
Pressure transducer	R-11527	1	1	1	1	1					1	1	1
Pressure transducer	R-11529						1	1	1	1			



Spare parts for Silent Inverter Condensing Units

Housing spare parts

CU MODEL		iCOOL 4,5 MHP	iCOOL 7 MHP	iCOOL 10 MHP	iCOOL 12 MHP	iCOOL 15 MHP	iCOOL 17D MHP	iCOOL 21D MHP	iCOOL 26D MHP	iCOOL 29D MHP	iCOOL 3 MP	iCOOL 10 MP	iCOOL 17D MP
Housing spare parts	Code	Quantity											
Back panel	HPG600P11W01R02	1									1		
Fan panel	HPG600P05W01R01	1									1		
Front door	HPG600P08W01R06	1									1		
Top panel	HPG600P03W01R02	1									1		
Back panel	HPG601P11W02R01		1										
Fan panel	HPG601P05W01R01		1										
Front door	HPG601P08W03R01		1										
Top panel	HPG601P03W02R01		1										
Back panel	HPG602P11W01R04				1								
Fan panel	HPG610P05W01R02				1								
Front door	HPG602P08W01R03				1								
Top panel	HPG610P03W01R01				1								
Back panel	HPG603P11W01R01					1						1	
Front door	HPG603P08W01R01					1						1	
Top panel	HPG603P03W01R01					1						1	
Back panel	HPG604P11W01R01						1	1					
Fan panel	HPG604P05W01R01						1	1					1
Front door	HPG604P08W01R01						1	1					
Top panel	HPG604P03W01R02						1	1					
Front door	HPG605P09W01R02												1
Back panel	HPG605P11W01R01								1	1			
Fan panel	HPG604P05W01R01								1	1			
Front door	HPG605P09W01R02								1	1			
Top panel	HPG605P03W01R02								1	1			1



Spare parts for Air Ducted Inverter Condensing Units

Main spare parts

CU MODEL		iCOOL MAX 17D MHP	iCOOL MAX 21D MHP	iCOOL MAX 26D MHP	iCOOL MAX 10 MP
Main spare parts	Code	Quantity			
Compressor	C-SCVN603L0J				1
Compressor	C-SBN303H8G SG	1			
Compressor	C-SBS180H00B	1	1		
Compressor	C-SBN453H8G SG		1	1	
Compressor	C-SBVN373L0B			1	
Condenser	C2S9165-1000	1	1	1	1
Check valve	SR-08	1	1		1
Check valve	3133W/5			1	
Dual pressure switch	KP 15 (060-514166)	1	1	1	1
Fan	FN056-ZIW.DC.A5P4	1	1	1	1
Fan speed regulator	P315PR-9200C	1	1	1	1
Filter drier	C-165S	1	1		1
Filter drier	C-167S			1	
Liquid ball valve	FQ-116-DN13	1	1		1
Liquid ball valve	FQ-116-DN20			1	
Low pressure switch	KP 1 LP	1	1	1	1
Oil separator	RSPW-55824	1	1		1
Oil separator	RSPW-55855			1	

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Spare parts for Air Ducted Inverter Condensing Units

CU MODEL		iCOOL MAX 17D MHP	iCOOL MAX 21D MHP	iCOOL MAX 26D MHP	iCOOL MAX 10 MP
Main spare parts	Code	Quantity			
Receiver 15 L	ARCRL1590850B	1	1	1	1
Rotalock discharge valve	ROT1X 5/8	1	1	1	
Rotalock discharge valve	ROTSCSN753L8HT				1
Safety valve	D10.CS-12-30.0	1	1	1	1
Solenoid valve -Liquid injection	FDF10302				1
Suction separator	RSPQ-5139	1	1		1
Suction separator	RSPQ-51711			1	
Sight glass	AKJ-15S	1	1		1
Sight glass	3780/5			1	
Sight glass	AKJ-17S			1	
Suction ball valve	FQ-116-DN25	1	1		1
Suction ball valve	FQ-116-DN32			1	



Spare parts for Air Ducted Inverter Condensing Units

Electrical spare parts

CU MODEL		iCOOL MAX 17D MHP	iCOOL MAX 21D MHP	iCOOL MAX 26D MHP	iCOOL MAX 10 MP
Electrical spare parts	Code	Quantity			
Crankcase heater	CH255S				1
Crankcase heater	CH280S	1	1	1	
Inverter Driver	ACS 402-233 FA			1	1
Inverter Driver	ACS 402-213 FA	1	1		
Temperature sensor	CTA1.5S-PT1000	1	1	1	1
Thermostat for e-box fan	KSD9700.O.5A.20C				1
Thermostat KLIXON Shell PANASONIC	3NT01L-H7726			1	1
Thermostat KLIXON Shell PANASONIC	3NT01L-H7728	1	1		
Pressure transducer	R-11527				1
Pressure transducer	R-11529	1	1		



Spare parts for Air Ducted Inverter Condensing Units

Housing spare parts

CU MODEL		iCOOL MAX 17D MHP	iCOOL MAX 21D MHP	iCOOL MAX 26D MHP	iCOOL MAX 10 MP
Housing spare parts	Code	Quantity			
Back panel	HPG614P11W01R01	1			1
Fan panel	HPG614P05W01R04	1	1	1	1
Front door	HPG614P08W01R01	1	1	1	1
Top panel	HPG614P03W01R04	1	1	1	1



Spare parts for water Condenser Inverter Condensing Units

Main spare parts

CU MODEL		WPTXiAr-4,5 MHP	WPTXiAr-7 MHP	WPTXiSs-10 MHP	WPTXiSs-15 MHP	WPTXiSs-17D MHP	WPTXiSs-21D MHP	WPTXiSs-26D MHP	WPTXiSs-29D MHP	WPTXiAr-3 MP	WPTXiSs-10 MP	WPTXiSs-17D MP
Main spare parts	Code	Quantity										
Compressor inverter	C-7RVN113L0A	1										
Compressor inverter	C7RVN153L0A		1							1		
Compressor inverter	C-SBS180H00B			1		1	1					
Compressor inverter	C-SBVN373L0B				1			1	1			
Compressor	C-SBN303H8G.SG					1						
Compressor	C-SBN453H8G.SG						1	1				
Compressor	C-SCN603H8T								1			
Compressor inverter	C-SCVN603L0J										1	1
Compressor	C-SCN603L8H											1
Water Condenser												
Water Condenser												
Water Condenser												
Water Condenser												
Water Condenser												
Water Condenser												
Water valve												
Check valve	SR-06	1								1		
Check valve	SR-08		1	1		1	1				1	1

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Spare parts for water Condenser Inverter Condensing Units

CU MODEL		WPTXiAr-4,5 MHP	WPTXiAr-7 MHP	WPTXiSs-10 MHP	WPTXiSs-15 MHP	WPTXiSs-17D MHP	WPTXiSs-21D MHP	WPTXiSs-26D MHP	WPTXiSs-29D MHP	WPTXiAr-3 MP	WPTXiSs-10 MP	WPTXiSs-17D MP
Main spare parts	Code	Quantity										
Check valve	3133W/5				1		1	1	1			
Dual pressure switch	KP 15 060-514166	1	1	1	1	1	1	1	1	1	1	1
Filter drier	C-083S	1	1							1		
Filter drier	C-084S			1								
Filter drier	C-307S								1			
Filter drier	C-165S				1	1	1				1	
Filter drier	C-167S							1				1
Liquid ball valve	FQ-116-DN8	1	1							1		
Liquid ball valve	FQ-116-DN10			1								
Liquid ball valve	FQ-116-DN13				1	1	1				1	
Liquid ball valve	FQ-116-DN20							1	1			1
Suction ball valve	FQ-116-DN13	1										
Suction ball valve	FQ-116-DN15		1									
Suction ball valve	FQ-116-DN20			1						1		
Suction ball valve	FQ-116-DN25				1	1	1				1	
Suction ball valve	FQ-116-DN32							1	1			1
Low pressure switch	KP 1 (060-509466)				1	1	1	1	1		1	1
Oil separator	RSPW-55824	1	1	1		1	1			1	1	1
Oil separator	RSPW-55855				1			1	1			
Receiver 3,9 L	AR39	1								1		
Receiver 7,1 L	1131064A		1									

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Spare parts for water Condenser Inverter Condensing Units

CU MODEL		WPTXiAr-4,5 MHP	WPTXiAr-7 MHP	WPTXiSs-10 MHP	WPTXiSs-15 MHP	WPTXiSs-17D MHP	WPTXiSs-21D MHP	WPTXiSs-26D MHP	WPTXiSs-29D MHP	WPTXiAr-3 MP	WPTXiSs-10 MP	WPTXiSs-17D MP
Main spare parts	Code	Quantity										
Receiver 10 L	VLR.AR2.33B.10.C3.C3			1								
Receiver 15 L	ARCRL1590850B				1	1	1	1	1		1	1
Rotalock discharge valve	ROT1 1/4 X 7/8			1								
Rotalock discharge valve	ROT1 X 5/8				1	2	2	2	1			
Rotalock discharge valve	ROT1 X 7/8								1			
Rotalock discharge valve	ROTCSCN753L8HT										1	1
Safety valve	D7CS-14-28.0	1	1							1		
Safety valve	D10CS-1.2-30.0			1	1	1	1	1	1		1	1
Solenoid valve -Liquid injection	FDF 10302									1	1	1
Suction separator	RSPQ-597			1								
Suction separator	RSPQ-5139				1	1	1				1	
Suction separator	RSPQ-51711							1				1
Suction separator	RSPQ-61411								1			
Sight glass	SA 15S							1				
Sight glass	AKJ-13S	1								1		
Sight glass	AKJ-14S			1								
Sight glass	AKJ-15S				1	1	1		1		1	
Sight glass	AKJ-17S							1	1			1



Spare parts for water Condenser Inverter Condensing Units

Electrical spare parts

CU MODEL		WPTXiAr-4,5 MHP	WPTXiAr-7 MHP	WPTXiSs-10 MHP	WPTXiSs-15 MHP	WPTXiSs-17D MHP	WPTXiSs-21D MHP	WPTXiSs-26D MHP	WPTXiSs-29D MHP	WPTXiAr-3 MP	WPTXiSs-10 MP	WPTXiSs-17D MP
Electrical spare parts	Code	Quantity										
Crankcase heater	FCH-40	1	1							1		
Crankcase heater	CH280S			1	1	1	1	1	1			
Crankcase heater	CH255S								1		1	1
Inverter Driver	ACS40215 2FA	1								1		
Inverter Driver	ACS40219 2FA		1									
Inverter Driver	ACS40223 3FA			1	1			1	1		1	1
Inverter Driver	ACS402213 FA					1	1					
Temperature sensor	CTA1.5S-PT1000	1	1	1	1	1	1	1	1	1	1	1
Thermostat for e-box fan	KSD9700.O.5A.20C			1	1	1	1				1	
Thermostat KLIXON Shell	3NT01L-H7726					1		1			1	
Thermostat KLIXON Shell	3NT01L-H7728			1			1					
Pressure transducer	R-11527	1	1	1	1					1	1	1
Pressure transducer	R-11529					1	1	1	1			



Spare parts for Compressor Base Inverter Units

Main spare parts

CU MODEL		PTXiAr-4,5 MHP	PTXiAr-7 MHP	PTXiSs-10 MHP	PTXiSs-15 MHP	PTXiSs-17D MHP	PTXiSs-21D MHP	PTXiSs-26D MHP	PTXiSs-29D MHP	PTXiAr-3 MP	PTXiSs-10 MP	PTXiSs-17D MP
Main spare parts	Code	Quantity										
Compressor inverter	C-7RVN113LOA	1										
Compressor inverter	C7RVN153LOA		1							1		
Compressor inverter	C-SBS180H00B			1		1	1					
Compressor inverter	C-SBVN373LOB				1			1	1			
Compressor	C-SBN303H8G SG					1						
Compressor	C-SBN453H8G SG						1	1				
Compressor	C-SCN603H8T								1			
Compressor inverter	C-SCVN603LOJ										1	1
Compressor	C-SCN603L8H											1
Check valve	SR-06	1								1		
Check valve	SR-08		1	1		1	1				1	1
Check valve	3133W/5				1		1	1	1			
Dual pressure switch	KP 15 060-514166	1	1	1	1	1	1	1	1	1	1	1
Filter drier	RSP-083S	1	1							1		
Filter drier	RSP-084S			1								
Filter drier	RSP-307S (7/8")								1			
Filter drier	C-165S				1	1	1				1	
Filter drier	C-167S							1				1

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Spare parts for Compressor Base Inverter Units

CU MODEL		PTXiAr-4,5 MHP	PTXiAr-7 MHP	PTXiSs-10 MHP	PTXiSs-15 MHP	PTXiSs-17D MHP	PTXiSs-21D MHP	PTXiSs-26D MHP	PTXiSs-29D MHP	PTXiAr-3 MP	PTXiSs-10 MP	PTXiSs-17D MP
Main spare parts	Code	Quantity										
Liquid ball valve	FQ-116-DN8	1	1							1		
Liquid ball valve	FQ-116-DN10			1								
Liquid ball valve	FQ-116-DN13				1	1	1				1	
Liquid ball valve	FQ-116-DN20							1	1			1
Suction ball valve	FQ-116-DN13	1										
Suction ball valve	FQ-116-DN15		1									
Suction ball valve	FQ-116-DN20			1						1		
Suction ball valve	FQ-116-DN25				1	1	1				1	
Suction ball valve	FQ-116-DN32							1	1			1
Low pressure switch	KP1 (060-509466)				1	1	1	1	1		1	1
Oil separator	RSPW-55824	1	1	1		1	1			1	1	1
Oil separator	RSPW-55855				1			1	1			
Receiver 3,9 L	AR39	1								1		
Receiver 7,1 L	1131064A		1									
Receiver 10 L	VLR.AR2.33B.10.C3.C3			1								
Receiver 15 L	ARCRL1590850B				1	1	1	1	1		1	1
Rotalock discharge valve	ROT1 1/4 X 7/8			1								
Rotalock discharge valve	ROT1 X 5/8				1	2	2	2	1			
Rotalock discharge valve	ROT1 X 7/8								1			
Rotalock discharge valve	ROTCSN753L8HT										1	1

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Spare parts for Compressor Base Inverter Units

Main spare parts

CU MODEL		PTXiAr-4,5 MHP	PTXiAr-7 MHP	PTXiSs-10 MHP	PTXiSs-15 MHP	PTXiSs-17D MHP	PTXiSs-21D MHP	PTXiSs-26D MHP	PTXiSs-29D MHP	PTXiAr-3 MP	PTXiSs-10 MP	PTXiSs-17D MP
Main spare parts	Code	Quantity										
Safety valve	D7CS-14-28.0	1	1							1		
Safety valve	D10CS-12-30.0			1	1	1	1	1	1		1	1
Solenoid valve -Liquid injection	FDF 10302									1	1	1
Suction separator	RSPQ-597			1								
Suction separator	RSPQ-5139				1	1	1				1	
Suction separator	RSPQ-51711							1				1
Suction separator	RSPQ-61411								1			
Sight glass	SA 15S							1				
Sight glass	AKJ-13S	1								1		
Sight glass	AKJ-14S			1								
Sight glass	AKJ-15S				1	1	1		1		1	
Sight glass	AKJ-17S							1	1			1



Spare parts for Compressor Base Inverter Units

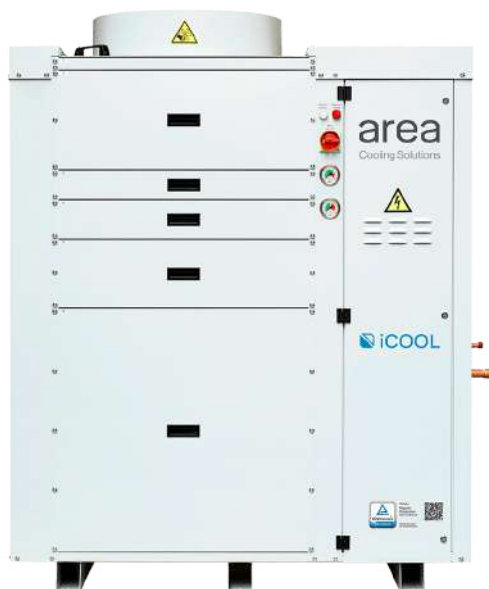
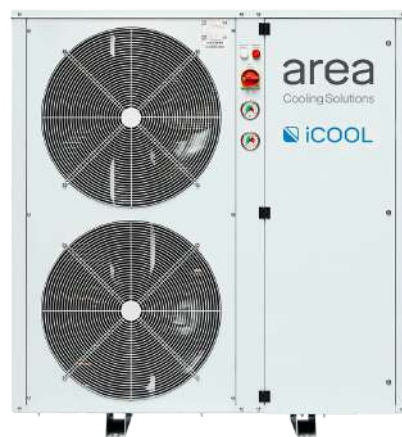
Electrical spare parts

CU MODEL		PTXiAr-4,5 MHP	PTXiAr-7 MHP	PTXiSs-10 MHP	PTXiSs-15 MHP	PTXiSs-17D MHP	PTXiSs-21D MHP	PTXiSs-26D MHP	PTXiSs-29D MHP	PTXiAr-3 MP	PTXiSs-10 MP	PTXiSs-17D MP
Electrical spare parts	Code	Quantity										
Crankcase heater	FCH-40	1	1							1		
Crankcase heater	CH280S			1	1	1	1	1	1			
Crankcase heater	CH255S								1		1	1
Inverter Driver	ACS402152FA	1								1		
Inverter Driver	ACS402192FA		1									
Inverter Driver	ACS402233FA			1	1			1	1		1	1
Inverter Driver	ACS402213FA					1	1					
Temperature sensor	CTA1.5S-PT1000	1	1	1	1	1	1	1	1	1	1	1
Thermostat for e-box fan	KSD9700.O.5A.20C			1	1	1	1				1	
Thermostat KLIXON Shell	3NT01L-H7726					1		1			1	
Thermostat KLIXON Shell	3NT01L-H7728			1			1					
Pressure transducer	R-11527	1	1	1	1					1	1	1
Pressure transducer	R-11529					1	1	1	1			



iCOOL CO₂

CO₂ made Easy



**Smart Solutions
for a Green Future**



Designed and
manufactured
in the EU



Silent Inverter CO₂ Transcritical Units



High-Medium temperature,
380/420 V - 3ph - 50/60 Hz

iCOOL
Different
by Nature

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE				Price (€)	
	W.	L.	H.			Suction	Liquid						(-15°C)	(-10°C)	(-5°C)	0°C		
iCOOL 5 CO ₂ MT	510	1289	963	160	7,5	3/8"	1/4"	10,0	1x630	37	R744	32	1,5	1,8	2,1	2,4	On demand	
												Qmin	38	1,2	1,6	1,9		2,2
												43	-	1,2	1,5	1,7		
												32	3,7	4,4	5,0	5,9		
												Qmax	38	3,0	3,9	4,6		5,3
												43	-	3,0	3,6	4,1		
iCOOL 7 CO ₂ MT/LT	541	1426	1091	200		3/8"	1/4"	10,0	1x710		R744	32	2,7	2,9	3,1	-	On demand	
												Qmin	38	2,5	2,6	2,9		-
												43	2,3	2,4	2,7	-		
												32	6,0	6,3	7,0	-		
												Qmax	38	5,5	5,9	6,4		-
												43	5,1	5,4	5,9	-		
iCOOL 15 CO ₂ MT/LT	541	1426	1516	300	26	1/2"	1/2"	12,4	2x630	39	R744	32	-	6,9	7,9	8,8	On demand	
												Qmin	38	-	6,2	7,0		7,8
												43	-	5,5	6,2	6,9		
												32	-	15,1	16,8	18,3		
												Qmax	38	-	14,0	15,3		16,6
												43	-	12,8	13,9	14,9		
iCOOL 30D CO ₂ MT	1100	1580	1670	470				32,0	2x710		R744	32	TBC				On demand	
												Qmin						38
												43						
												32	26,9	30,3	33,5	36,5		
												Qmax	38	25,0	28,0	30,7		33,1
												43	23,1	25,6	27,8	29,8		



Silent Inverter CO₂ Transcritical Units



Low temperature,
380/420 V - 3ph - 50/60 Hz

iCOOL
Different
by Nature

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE				Price (€)	
	W.	L.	H.			Suction	Liquid						(-35°C)	(-30°C)	(-25°C)	(-20°C)		
iCOOL 7 CO ₂ MT/LT	541	1426	1091	200		3/8"	1/4"	10,0	1x710		R744	32	1,3	1,6	-	-	On demand	
												Qmin	38	1,3	1,5	-		-
												43	1,2	1,4	-	-		
												32	3,2	3,8	-	-		
												Qmax	38	3,1	3,5	-		-
												43	2,9	3,2	-	-		
iCOOL 15 CO ₂ MT/LT	541	1426	1516	300	26	1/2"	1/2"	12,4	2x630	39	R744	32	3,1	3,8	-	5,3	On demand	
												Qmin	38	2,9	3,5	-		4,8
												43	-	3,3	-	4,3		
												32	7,3	8,7	-	11,8		
												Qmax	38	7,0	8,2	-		11
												43	-	7,8	-	10,3		



Air Ducted CO₂ Transcritical Units



High-Medium-Low temperature,
380/420 V - 3ph - 50/60 Hz

iCOOL
Different
by Nature

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE				Price (€)		
	W.	L.	H.			Suction	Liquid						(-35°C)	(-30°C)	(-10°C)	0°C			
iCOOL MAX 15 CO ₂ MT/LT	790	1326	1720	270	18	1/2"	1/2"	12,4	1x560		R744		32	3,1	3,8	6,9	8,8	On demand	
													Qmin	38	2,9	3,5	6,2		7,8
														43	-	3,3	5,5		6,9
														32	7,3	8,7	15,1		18,3
													Qmax	38	7,0	8,2	14,0		16,6
														43	-	7,8	12,8		14,9

Spare parts

for Silent Inverter CO₂



Spare parts for Silent Inverter CO₂ Transcritical Units

Main spare parts

CONDENSING UNITS MODEL		iCOOL 5 CO ₂	iCOOL 15 CO ₂
Main spare parts	Code	Quantity	
Compressor	C-CV753L0U		1
Compressor	LCSM50D55WFT	1	
EC Fan	FN063-6IA.BD.A7P2	1	2
Gas cooler			
Gas cooler			
Filter drier	DF308E	1	
Filter drier	DF316E		1
Solenoid coil	AU230CS		1
Solenoid valve	MV-11W-1-CDH-P		1
Safety valve 80 bar		1	1
Safety valve 120 bar			1
Oil			2L
Oil		2L	
Manometer LP		1	1
Manometer HP		1	1
Electronic expansion valve	E2V11CS000	1	
Electronic expansion valve	E2V14CS000	1	
Electronic expansion valve	E2V24CS100		1
Set of rings		1	

Electrical spare parts

CONDENSING UNITS MODEL		iCOOL 5 CO ₂	iCOOL 15 CO ₂
Main spare parts	Code	Quantity	
Temperature sensor		1	1
Pressure switch	CS3-B8S-115	1	1
Oil level sensor	INT 275 L		1
Pressure transducer	T2000	1	1
Control	CUD-08	1	1
Inverter driver	ACS402 19 2 FA	1	
Inverter driver	ACS402 23 3 FA		1
Crankcase heater		1	
Crankcase heater			1



Silent

State-of-the-art design
for low noise units



**Smart Solutions
for a Green Future**



Silent

State-of-the-art design for low noise units

Silent is a range of plug&play compact units that are designed with separate spaces for the condenser and compressor. To achieve the lowest possible noise, quiet compressors with additional acoustic insulation are used. The condenser space has a built-in energy saving EC fan with a reduced noise level. They are designed to work at external temperatures of up to + 43 °C.

These units are designed to work with refrigerants: R448A, R449A, R134a, R513A, R407C, and R407F.

As a very quiet solution, Silent units are the perfect solution where noise is an issue during night and day, like the city centre.

Several options are available directly assembled in our factory, to achieve a faster and easier installation.

Silent by Area Cooling Solutions is the low noise solution for convenience stores, restaurants cold rooms, fuel stations, food stores, milk cooling and ice making equipment.



Condensing Units Silent



High-Medium temperature,
380/415 V- 3ph - 50 Hz

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C	
SAPTxEs-4 MHP	470	1110	560	105	3,2	7/8"	3/8"	3,9	1x450	39	R448A/ R449A	32	4,08	4,78	5,54	7,28	2.463,00
												38	3,72	4,34	5,02	6,56	
												43	3,40	3,95	4,56	5,94	
											R134a/ R513A	32	2,29	2,84	3,46	4,93	
												38	2,13	2,65	3,24	4,63	
												43	2,00	2,49	3,05	4,36	
SAPTxEs-5 MHP	470	1110	560	105	4,7	7/8"	3/8"	3,9	1x450	39	R448A/ R449A	32	4,75	5,53	6,38	8,27	2.497,00
												38	4,31	5,00	5,75	7,43	
												43	3,93	4,54	5,21	-	
											R134a/ R513A	32	2,70	3,34	4,07	5,76	
												38	2,51	3,12	3,80	5,39	
												43	2,36	2,92	3,57	5,08	
SAPTxEs-6 MHP	470	1110	560	105	4,9	7/8"	3/8"	3,9	1x450	39	R448A/ R449A	32	5,28	6,12	7,03	9,02	2.497,00
												38	4,78	5,52	6,32	8,07	
												43	4,34	5,00	5,70	-	
											R134a/ R513A	32	3,04	3,76	4,57	6,43	
												38	2,83	3,50	4,27	6,02	
												43	2,65	3,28	4,00	5,66	
SAPTXSs-7 MHP	430	1280	760	160	10,2	7/8"	1/2"	5,3	1x630	41	R448A/ R449A	32	5,62	6,92	8,37	11,61	2.701,00
												38	5,02	6,24	7,60	10,66	
												43	4,56	5,71	7,00	9,89	
											R134a/ R513A	32	3,94	4,71	5,62	7,98	
												38	3,61	4,33	5,19	7,42	
												43	3,35	4,03	4,84	6,97	
SAPTXSs-8,5 MHP	430	1280	760	160	11,1	7/8"	1/2"	5,3	1x630	41	R448A/ R449A	32	6,53	8,04	9,71	13,47	2.915,00
												38	5,81	7,24	8,83	12,41	
												43	5,25	6,61	8,13	11,57	
											R134a/ R513A	32	4,77	6,77	9,55	4,77	
												38	4,36	6,24	8,88	4,36	
												43	4,04	5,83	8,35	4,04	
SAPTXSs-10 MHP	430	1280	760	170	13,6	7/8"	1/2"	5,3	1x630	41	R448A/ R449A	32	7,69	9,44	11,37	15,65	2.939,00
												38	6,83	8,48	10,31	14,40	
												43	6,29	7,88	9,64		
											R134a/ R513A	32	5,80	6,90	8,19	11,49	
												38	5,32	6,34	7,56	10,69	
												43	5,01	5,99	7,16	10,17	
SAPTXSs-13,5 MHP	430	1280	965	170	14,9	7/8"	1/2"	7,1	1x630	41	R448A/ R449A	32	10,95	12,84	15,02	20,34	3.353,00
												38	9,52	11,23	13,22	18,12	
												43	8,63	10,23	12,09	16,72	
											R134a/ R513A	32	7,23	8,60	10,23	14,42	
												38	6,60	7,90	9,44	13,41	
												43	6,22	7,46	8,94	12,77	
SAPTXSs-14,5 MHP	430	1280	965	170	17,5	7/8"	1/2"	5,3	1x630	41	R448A/ R449A	32	10,65	13,09	15,79	21,81	4.073,00
												38	9,48	11,79	14,35	20,10	
												43	8,75	10,96	13,43	19,00	
											R134a/ R513A	32	8,05	9,52	11,23	15,49	
												38	7,49	8,86	10,45	14,45	
												43	7,13	8,44	9,96	13,77	

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*All units also work with R404A
**Subcooling: 3K, Superheating: 10 K



Condensing Units Silent



High-Medium temperature,
380/415 V- 3ph - 50 Hz

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Receiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C	
SAPTXSs-18 MHP	460	1510	1495	310	2x11,1	11/8"	5/8"	15	2x630	45	R448A/ R449A	32	13,60	16,79	20,35	28,41	6.536,00
												38	12,12	15,13	18,50	26,17	
												43	11,19	14,08	17,33	24,75	
											R134a/ R513A	32	9,10	10,82	12,85	18,15	
												38	8,30	9,93	11,87	16,98	
												43	7,81	9,37	11,25	16,21	
SAPTXSs-22 MHP	460	1510	1495	310	2x14,1	11/8"	5/8"	15	2x630	45	R448A/ R449A	32	15,34	18,85	22,73	31,39	6.623,00
												38	13,70	17,00	20,66	28,83	
												43	12,68	15,84	19,35	27,18	
											R134a/ R513A	32	11,11	13,26	15,80	22,35	
												38	10,19	12,20	14,59	20,78	
												43	9,61	11,53	13,82	19,77	

*All units also work with R404A

**Subcooling: 3K, Superheating: 10 K

Spare parts

for Condensing Units Silent



Spare parts for Condensing Units Silent

Main spare parts

CU MODEL		SAPTXEs-4 MHP	SAPTXEs-5 MHP	SAPTXEs-6 MHP	SAPTXSs-7 MHP	SAPTXSs-8,5 MHP	SAPTXSs-10 MHP	SAPTXSs-13,5 MHP	SAPTXSs-14,5 MHP	SAPTXSs-18 MHP	SAPTXSs-22 MHP
Main spare parts	Code	Quantity									
Compressor	SE6015GS-O	1									
Compressor	SE6018GS-O		1								
Compressor	SE6021GS-O			1							
Compressor	C-SBN263H8A SG				1						
Compressor	C-SBN303H8G SG					1				1	
Compressor	C-SBN353H8G SG						1				
Compressor	C-SBN453H8G SG							1			
Compressor	C-SBS235H38B SG								1		
Compressor	C-SBN373H8G SG										1
Condenser	AT 40-772	1	1	1							
Condenser	AT 56-1072				1	1	1				
Condenser	C2S9108-1062							1	1		
Condenser	C2S9165-1000									1	1
Check valve	SR-08				1	1	1	1	1	1	1
Dual pressure switch	O60-514166	1	1	1	1	1	1	1	1	1	1
Fan	A3G 450 AO 02-04	1	1	1							
Fan	162128				1	1	1	1	1	1	1
Fan speed regulator	P315PR-9200C	1	1	1	1	1	1	1	1	1	1
Filter drier	C-083S	1	1	1							
Filter drier	C-084S				1	1	1	1	1		
Filter drier	C-165S									1	1
Liquid ball valve	FQ-116-DN8	1	1	1	1	1					
Liquid ball valve	FQ-116-DN10					1	1	1	1		
Liquid ball valve	FQ-116-DN13									1	1
Suction ball valve	FQ-116-DN20				1	1	1	1	1		
Suction ball valve	FQ-116-DN25									1	1

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Spare parts for Condensing Units Silent

Main spare parts

CU MODEL		SAPTXEs-4 MHP	SAPTXEs-5 MHP	SAPTXEs-6 MHP	SAPTXSs-7 MHP	SAPTXSs-8,5 MHP	SAPTXSs-10 MHP	SAPTXSs-13,5 MHP	SAPTXSs-14,5 MHP	SAPTXSs-18 MHP	SAPTXSs-22 MHP
Main spare parts	Code	Quantity									
Oil separator	RSPW-55824									1	1
Receiver	1131027A	1	1	1							
Receiver	AR53				1	1	1				
Receiver	AR71							1			
Receiver	VLR,AR2.33B.10C3C3								1		
Receiver	ARCRL1590850B									1	1
Rotalock discharge valve	ROT-3.4X1.2	1	1	1							
Rotalock suction valve	ROT1.1/4X7/8	1	1	1							
Safety valve	D7CS-1.4-28.0	1	1	1							
Safety valve	D10CS-1.2-30.0								1	1	
Suction separator	RSPQ-597				1	1	1	1	1		
Suction separator	RSPQ-5139									1	1
Sight glass	AKJ-13S	1	1	1							
Sight glass	AKJ-14S				1	1	1	1	1		
Sight glass	AKJ-15S									1	1

Electrical spare parts

CU MODEL		SAPTXEs-4 MHP	SAPTXEs-5 MHP	SAPTXEs-6 MHP	SAPTXSs-7 MHP	SAPTXSs-8,5 MHP	SAPTXSs-10 MHP	SAPTXSs-13,5 MHP	SAPTXSs-14,5 MHP	SAPTXSs-18 MHP	SAPTXSs-22 MHP
Main spare parts	Code	Quantity									
Crankcase heater	CH280S	1	1	1				1	1	1	1
Crankcase heater	4-2459-600-500				1	1	1				



Spare parts for Condensing Units Silent

Housing spare parts

CU MODEL		SAPTXEs-4 MHP	SAPTXEs-5 MHP	SAPTXEs-6 MHP	SAPTXSs-7 MHP	SAPTXSs-8,5 MHP	SAPTXSs-10 MHP	SAPTXSs-13,5 MHP	SAPTXSs-14,5 MHP	SAPTXSs-18 MHP	SAPTXSs-22 MHP
Housing spare parts	Code	Quantity									
Back panel	HPG600P11W01R02	1	1	1							
Fan panel	HPG600P05W01R01	1	1	1							
Front door	HPG600P08W02R01	1	1	1							
Top panel	HPG600P03W01R02	1	1	1							
Back panel	HPG601P11W01R03				1	1	1				
Fan panel	HPG601P05W01R01				1	1	1				
Front door	HPG601P08W01R01				1	1	1				
Top panel	HPG601P03W01R01				1	1	1				
Back panel	HPG602P11W01R04							1	1		
Fan panel	HPG602P05W01R02							1	1		
Front door	HPG602P08W01R03							1	1		
Top panel	HPG602P03W01R03							1	1		
Back panel	HPG604P11W01R01									1	1
Fan panel	HPG604P05W01R01									1	1
Front door	HPG604P08W01R01									1	1
Top panel	HPG604P03W01R02									1	1



BASICLine

Classic on/off
Plug&Play Units



**Smart Solutions
for a Green Future**



Designed and
manufactured
in the EU



BASICLine

Classic on/off Plug&Play Units

The condensing units of the BASICLine series have an optimized design allowing them to ensure minimal size and weight. It has a compact design with separate spaces for the condenser and compressor along with other system components. BASICLine units are manufactured in two housing sizes.

These units are designed to work with refrigerants: R448A, R449A, R134a, R513A, and R407C.

These compact devices are ideal for small shops, restaurants, fish markets, butcher shops, gas stations, bakeries etc.



BASICLine Condensing Units



High-Medium temperature,
220/240 V - 1ph - 50 Hz

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Re- ceiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)	
	W.	L.	H.			Suction	Liquid						(-15°C)	(-10°C)	(-5°C)	0°C		
E14B02	350	905	605	60	5,1	1/2"	3/8"	3,3	1x450	42	R448A/ R449A	Q	32	0,94	1,17	1,44	1,74	1.341,00
												38	0,88	1,09	1,34	1,62		
												43	-	1,01	1,24	1,50		
E22B02	350	905	605	65	8,5	1/2"	3/8"	3,3	1x450	42	R448A/ R449A	Q	32	1,31	1,68	2,08	2,52	1.406,00
												38	1,17	1,49	1,85	2,25		
												43	-	1,33	1,66	2,03		
E26B02	350	905	605	70	7,5	1/2"	3/8"	3,3	1x450	42	R448A/ R449A	Q	32	1,56	2,00	2,49	3,02	1.469,00
												38	1,36	1,76	2,21	2,69		
												43	-	1,55	1,97	2,42		
E33B02	350	905	605	75	10,5	5/8"	3/8"	3,3	1x450	42	R448A/ R449A	Q	32	2,00	2,50	3,05	3,63	1.511,00
												38	1,77	2,22	2,71	3,24		
												43	-	1,99	2,44	2,95		

*All units also work with R404A
**Subcooling: 0 K, Superheat: 10 K



High-Medium temperature,
380/415 V - 3ph - 50 Hz

Model*	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Re- ceiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE**				Price (€)	
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C		
E34B02	450	1100	805	95	5,2	5/8"	1/2"	6,2	1x500	46	R448A/ R449A	Q	32 38 43	3,58 3,28 3,01	4,25 3,90 3,59	5,00 4,60 4,24	6,78 6,25 -	1.963,00
E42B02	450	1100	805	100	6,4	3/4"	1/2"	6,2	1x500	46	R448A/ R449A	Q	32 38 43	4,42 4,08 3,77	5,27 4,87 4,51	6,24 5,77 5,36	8,57 7,94 7,41	1.991,00
E46B02	450	1100	805	100	6,9	3/4"	1/2"	6,2	1x500	46	R448A/ R449A	Q	32 38 43	4,97 4,58 4,21	5,91 5,45 5,04	6,98 6,45 5,97	9,53 8,83 8,21	2.013,00
P56B02	450	1100	805	110	10,2	7/8"	1/2"	6,2	1x500	40	R448A/ R449A	Q	32 38 43	5,58 5,10 4,69	6,68 6,11 5,64	8,03 7,35 6,78	11,31 10,33 9,49	2.262,00
P67B02	450	1100	805	110	11,1	7/8"	5/8"	6,2	1x500	40	R448A/ R449A	Q	32 38 43	6,51 5,96 5,52	7,75 7,11 6,58	9,29 8,51 7,87	13,02 11,90 10,95	2.439,00
P83B02	450	1100	805	110	14,1	7/8"	5/8"	6,2	1x500	40	R448A/ R449A	Q	32 38 43	6,93 6,31 5,78	8,17 7,45 6,82	9,66 8,78 8,01	13,11 11,80 -	2.465,00

*All units also work with R404A
**Subcooling: 0 K, Superheat: 10 K



BASICLine Condensing Units



High-Medium temperature,
220/240 V - 1ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Re-ceiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE				Price (€)	
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C		
G16A02	350	905	605	60	3,9	1/2"	1/4"	3,3	1x450	40	R134a	Q	32	1,03	1,20	1,48	2,29	1.743,00
													38	0,95	1,11	1,37	2,13	
													43	0,88	1,04	1,29	2,01	
G25A02	350	905	605	60	6,8	5/8"	1/4"	3,3	1x450	40	R134a	Q	32	1,60	1,85	2,28	3,47	1.829,00
													38	1,47	1,71	2,11	3,23	
													43	1,37	1,60	1,98	3,03	
G34A02	350	905	605	65	10,2	5/8"	1/4"	3,3	1x450	46	R134a	Q	32	2,12	2,46	3,02	4,60	1.869,00
													38	1,95	2,27	2,80	4,28	
													43	1,82	2,12	2,62	4,02	



High-Medium temperature,
380/415 V - 3ph - 50 Hz

Model	Dimensions (mm)			Weight (kg)	MCC (A)	Connections		Re-ceiver (dm³)	Number x diameter of fan (mm)	Sound level at 10m (dB(A))	Refrigerant	Tamb (°C)	Cooling capacity (kW) at TE				Price (€)	
	W.	L.	H.			Suction	Liquid						(-10°C)	(-5°C)	0°C	5°C		
E42A02	450	1100	805	100	6,4	5/8"	3/8"	6,2	1x500	46	R134a/ R513A	Q	32	2,59	3,22	3,95	5,65	1.991,00
													38	2,40	3,00	3,68	5,30	
													43	2,23	2,80	3,45	4,99	
E46A02	450	1100	805	100	6,9	3/4"	3/8"	6,2	1x500	46	R134a/ R513A	Q	32	2,92	3,62	4,43	6,31	2.013,00
													38	2,70	3,36	4,13	5,91	
													43	2,51	3,14	3,86	5,56	
P56A02	450	1100	805	105	10,2	3/4"	3/8"	6,2	1x500	40	R134a/ R513A	Q	32	3,59	4,27	5,06	7,08	2.229,00
													38	3,28	3,91	4,66	6,56	
													43	3,03	3,63	4,34	6,15	
P67A02	450	1100	805	105	11,1	3/4"	3/8"	6,2	1x500	40	R134a/ R513A	Q	32	4,28	5,07	5,99	8,31	2.439,00
													38	3,90	4,64	5,51	7,71	
													43	3,61	4,31	5,13	7,22	
P83A02	450	1100	805	110	14,1	3/4"	3/8"	6,2	1x500	40	R134a/ R513A	Q	32	5,55	6,59	7,82	10,94	2.465,00
													38	5,07	6,05	7,20	10,15	
													43	4,69	5,62	6,71	9,51	

Spare parts

for BASICLine
Condensing Units



Spare parts for BASICLine Condensing Units

Main spare parts

CU MODEL		E14B02	E22B02	E26B02	E33B02	G16A02	G25A02	G34A02	E34B02	E42B02	E46B02	P56B02	P67B02	P83B02	E42A02	E46A02	P56A02	P67A02	P83A02
Main spare parts	Code	Quantity																	
Compressor	NEK6217GK	1																	
Compressor	NJ9226GK		1																
Compressor	NJ9232GK			1															
Compressor	NJ9238GK				1														
Compressor	PJ160G1C-4DZ					1													
Compressor	PJ250M2C-4FT						1												
Compressor	PJ340M2CS4KU							1											
Compressor	SE6015GS-O								1										
Compressor	SE6018GS-O									1					1				
Compressor	SE6021GS-O										1					1			
Compressor	C-SBN263H8A											1					1		
Compressor	C-SBN303H8A												1					1	
Compressor	C-SBN373H8G SG													1					
Compressor	C-SBN373H8A																		1
Dual pressure switch	LF5832	1	1	1	1				1	1	1	1	1	1	1	1			
Condenser																			
Condenser																			
Condenser																			
Condenser																			
Fan	YWF6E-450B	1	1	1	1	1	1	1											
Fan	YWF6E-500B								1	1	1	1	1	1	1	1	1	1	1
Fan speed regulator	P215PR-9200	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Spare parts for BASICLine Condensing Units

Main spare parts

CU MODEL		E14B02	E22B02	E26B02	E33B02	G16A02	G25A02	G34A02	E34B02	E42B02	E46B02	P56B02	P67B02	P83B02	E42A02	E46A02	P56A02	P67A02	P83A02
Main spare parts	Code	Quantity																	
Filter drier	C-052S					1	1	1											
Filter drier	C-053S	1	1	1	1												1	1	1
Filter drier	C-083S								1	1	1				1	1			
Filter drier	C-165S												1	1					
Filter drier	C-084S											1							
High pressure switch	NSDHA00B39107					1	1	1									1	1	1
Liquid ball valve	FQ-116-DN4					1	1	1											
Liquid ball valve	FQ-116-DN8	1	1	1	1				1	1	1				1	1	1	1	1
Liquid ball valve	FQ-116-DN10											1							
Liquid ball valve	FQ-116-DN13												1	1					
Low pressure switch	NSDLA00A39112					1	1	1									1	1	1
Receiver	ARCRV1590370A								1	1	1	1	1	1	1	1	1	1	1
Receiver	ARCRV1010480A	1	1	1	1	1	1	1											
Suction separator	RSPQ-5137											1	1	1					
Suction separator	RSPQ-5126																1	1	1
Sight glass	AKJ-12S					1	1	1											
Sight glass	AKJ-13S	1	1	1	1				1	1	1				1	1	1	1	1
Sight glass	AKJ-14S											1							
Sight glass	AKJ-15S												1	1					



Spare parts for BASICLine Condensing Units

Electrical spare parts

CU MODEL		E14B02	E22B02	E26B02	E33B02	G16A02	G25A02	G34A02	E34B02	E42B02	E46B02	P56B02	P67B02	P83B02	E42A02	E46A02	P56A02	P67A02	P83A02
Electrical spare parts	Code	Quantity																	
Crankcase heater	FCH-40	1																	
Crankcase heater	FCH-52		1	1	1														
Crankcase heater	CH280S								1	1	1				1	1			
Crankcase heater	4-2459-600-500											1	1	1			1	1	1
Crankcase heater	CCCX0001					1	1	1											

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
for a Green Future**



Search engine of cross references

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

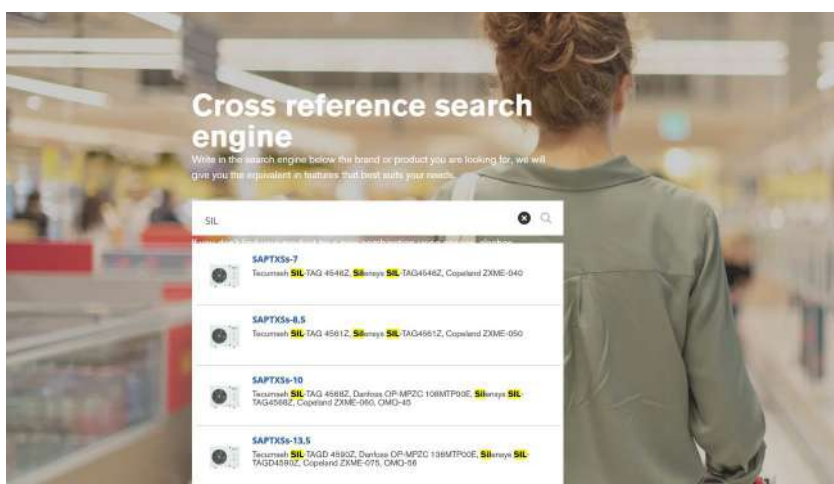
areacooling.com offers you a tool to do a quick search on our equivalent catalogue by product model of brands



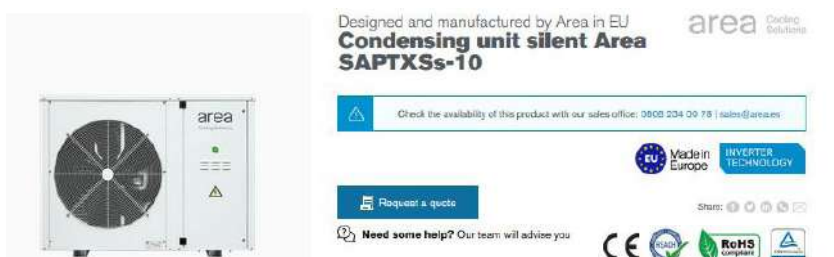
1 Click on cross references search engine

2 Search for a model

3 Find your equivalent



4 Consult our product



5 Or contact our customer service





Equivalences

Optyma (Danfoss)

Model	Equivalent model	Family
OP-MPPM028	iCOOL-4,5 MHP	iCOOL
OP-MPPM035	iCOOL-7 MHP	iCOOL
OP-MPPM044VVL	iCOOL-10 MHP	iCOOL
OP-LPQM074FH P00E	SAPTxEs-2,5 MP	Silent
OP-LPQM068NT P00E	SAPTxEs-2,5 MP	Silent
OP-LPOM067LL P01E	SAPTXSs-3 MP	Silent
OP-LPOM084LL P01E	SAPTXSs-4 MP	Silent
OP-LPOM098LL P01E	SAPTXSs-5 MP	Silent
OP-LPOM120LL P01E	SAPTXSs-6 MP	Silent
OP-MPXM034ML P00E	SAPTxEs-4	Silent
OP-MPXM046ML P00E	SAPTxEs-5	Silent
OP-MPXM057ML P00E	SAPTxEs-6	Silent
OP-MPXM068ML P00E	SAPTXSs-8,5	Silent
OP-MPXM080ML P00E	SAPTXSs-10	Silent
OP-MPXM108ML P00E	SAPTXSs-13,5	Silent
OP-MPXM125ML P00E	SAPTXSs-14,5	Silent
OP-MPXM162ML P00E	SAPTXSs-18	Silent
OP-LPQM074FH P00E	SAPTxEs-2,5 MP	Silent
OP-LPQM068NT P00E	SAPTxEs-2,5 MP	Silent
OP-LPOM067LL P01E	SAPTXSs-3 MP	Silent
OP-LPOM084LL P01E	SAPTXSs-4 MP	Silent
OP-LPOM098LL P01E	SAPTXSs-5 MP	Silent
OP-LPOM120LL P01E	SAPTXSs-6 MP	Silent



Equivalences

Slim Pack (Danfoss)

Model	Equivalent model	Family
OP-MSGM021SC...G	G16A02	BASICLine
OP-MSGM033AJ...G	G25A02	BASICLine
OP-MSXM034ML...G	G34A02	BASICLine
OP-MSXM034ML...E	E42A02	BASICLine
OP-MSXM046ML...E	E46A02	BASICLine
OP-MSXM057ML...E	P56A02	BASICLine
OP-MSXM068ML...E	P67A02	BASICLine
OP-MSXM080ML...E	P83A02	BASICLine
OP-MSYM014MP...G	E14B02	BASICLine
OP-MSYM018AJ...G	E22B02	BASICLine
OP-MPBM024AJ...G	E26B02	BASICLine
OP-MPBM034AJ...G	E33B02	BASICLine
OP-MSXM034ML...E	E34B02	BASICLine
OP-MSXM046ML...E	E42B02	BASICLine
OP-MSXM057ML...E	P56B02	BASICLine
OP-MSXM068ML...E	P67B02	BASICLine
OP-MSXM080ML...E	P83B02	BASICLine
OP-LSQM026AJ...G	A16B02 MP	BASICLine
OP-LSQM034AJ...G	A22B02 MP (1ph)	BASICLine
OP-LSQM048NT...G	A32B02 MP	BASICLine
OP-LSQM068NT...G	A46B02 MP	BASICLine
OP-LSQM067LL...E	P66B02 MP	BASICLine
OP-LSQM084LL...E	P83B02 MP	BASICLine
OP-LSQM098LL...E	P96B02 MP	BASICLine



Equivalences

Silensys / Winsys (Tecumseh)

Model	Equivalent model	Family
SIL FHV4524ZTZ	iCOOL-4,5 MHP	iCOOL
SIL AGV4546ZTZ	iCOOL-7 MHP	iCOOL
SILAGV4568ZTZ	iCOOL-10 MHP	iCOOL
SILSHV4610ZTZ	iCOOL-17D MHP	iCOOL
SIL AG2516 ZTZ	SAPTXSs-3 MP	Silent
SIL AG2522 ZTZ	SAPTXSs-4 MP	Silent
SIL AG2525 ZTZ	SAPTXSs-5 MP	Silent
SIL AGD2532 ZTZ	SAPTXSs-6 MP	Silent
SIL FH4531 ZTZ	SAPTXEs-4	Silent
SIL FH4540 ZTZ	SAPTXEs-6	Silent
SIL AG4546 ZTZ	SAPTXSs-7	Silent
SIL AG4553 ZTZ	SAPTXSs-8,5	Silent
SIL AG4568 ZTZ	SAPTXSs-10	Silent
SIL AG4581 ZTZ	SAPTXSs-13,5	Silent
SIL AGD4590 ZTZ	SAPTXSs-14,5	Silent
SIL AGD4612 ZTZ	SAPTXSs-18	Silent
SIL AGD4614 ZTZ	SAPTXSs-22	Silent
WIN AJ4476Y-FZ	G16A02	BASICLine
WIN AJ4511Y-FZ	G25A02	BASICLine
WIN FH4518Y-XC	G34A02	BASICLine
WIN FH4525Y-XG	E42A02	BASICLine
SILFH4528SY XG	E46A02	BASICLine
SILFH4534T TZ	P56A02	BASICLine
SILFH4537T TZ	P67A02	BASICLine
SILFH4547T TZ	P83A02	BASICLine
WIN AE4470Z-FZ	E14B02	BASICLine
WIN AJ9510Z-FZ	E22B02	BASICLine

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Equivalences

Silensys / Winsys (Tecumseh)

Model	Equivalent model	Family
WIN AJ4517Z-FZ	E26B02	BASICLine
WIN AJ4519Z-FZ	E33B02	BASICLine
WIN FH4524Z-XG	E34B02	BASICLine
WIN FH4532Z-XG	E42B02	BASICLine
WIN FH4538Z-XG	E46B02	BASICLine
SILAG4546Z TZ	P56B02	BASICLine
SILAG4553Z TZ	P67B02	BASICLine
SILAG4561Z TZ	P83B02	BASICLine
WIN AJ2440Z-FZ	A13B02 MP	BASICLine
WIN AJ2446Z-FZ	A16B02 MP	BASICLine
WIN AJ2464Z-FZ	A22B02 MP (1 ph)	BASICLine
WIN FH2480Z-XC	A32B02 MP	BASICLine
WIN FH2511Z-XC	A46B02 MP	BASICLine
WINAJ2464Z-TZ	A22B02 MP (3 ph)	BASICLine
SILAG2519ZTZ	P66B02 MP	BASICLine
SILAG2522ZTZ	P83B02 MP	BASICLine
SILAG2525ZTZ	P96B02 MP	BASICLine



Equivalences

EazyCool (Copeland)

Model	Equivalent model	Family
ZXDE-030 TFD	iCOOL-4.5 MHP	iCOOL
ZXD040E-TFD-454	iCOOL-7 MHP	iCOOL
ZXD060E-TFD-454	iCOOL-10 MHP	iCOOL
ZXDE-075 TFD	iCOOL-12 MHP	iCOOL
ZXLE-020E-TFD	SAPTXSs-3 MP	Silent
ZXLE-030E-TFD	SAPTXSs-4 MP	Silent
ZXLE-040E-TFD	SAPTXSs-5 MP	Silent
ZXLE-050E-TFD	SAPTXSs-6 MP	Silent
ZXME-020E-TFD	SAPTXEs-4	Silent
ZXME-030E-TFD	SAPTXEs-6	Silent
ZXME-040E-TFD	SAPTXSs-8,5	Silent
ZXME-050E-TFD	SAPTXSs-10	Silent
ZXME-060E-TFD	SAPTXSs-13,5	Silent
ZXME-075E-TFD	SAPTXSs-14,5	Silent
ZXME-015E-PFJ-301	G25A02	BASICLine
ZXME-018E-PFJ-301	G34A02	BASICLine
ZXME-025E-TFD-304	E42A02	BASICLine
ZXME-030E-TFD-304	E46A02	BASICLine
ZXME-040E-TFD-304	P67A02	BASICLine
ZXXME-050-TFD-304	P83A02	BASICLine
ZXME-013E-PFJ-302	E26B02	BASICLine
ZXME-015E-PFJ-302	E33B02	BASICLine
ZXME-020E-TFD-304	E34B02	BASICLine
ZXME-025E-TFD-304	E42B02	BASICLine
ZXME-030E-TFD-304	P56B02	BASICLine
ZXME-040E-TFD-304	P83B02	BASICLine
ZXLE-018E-PFJ-301	A32B02 MP	BASICLine
ZXLE-028E-PFJ-301	A46B02 MP	BASICLine
ZXLE-030E-TDF-454	P66B02 MP	BASICLine
ZXLE-040E-TDF-454	P96B02 MP	BASICLine



Equivalences

Maxkold

Model	Equivalent model	Family
NFP075DGM	E22B02	BASICLine
NFP100DGM	E22B02	BASICLine
FSP/0170-ME-HZ	B63B02	BASICLine
FSP/0270-ME-HZ	B63B02	BASICLine
NF400SGL	P66B02 MP	BASICLine
NF500SGL	P83B02 MP	BASICLine
NF600SGL	P96B02 MP	BASICLine
NFR075DL	A13B02 MP	BASICLine
NFR100DL	A16B02 MP	BASICLine
NFR150DL	A22B02 MP	BASICLine
NFR200DL	A32B02 MP	BASICLine
NFP100DGM	G16A02	BASICLine
NFP150DGM	G25A02	BASICLine



Equivalences

J&E Hall

Model	Equivalent model	Family
JEHR-0150-B2-M-1	G25A02	BASICLine
JEHS-0200-B2-M-1	G34A02	BASICLine
JEHS-0250-B2-M-3	E42A02	BASICLine
JEHS-0300-B2-M-3	E46A02	BASICLine
JEHS-0350-B2-M-3	P56A02	BASICLine
JEHS-0400-B2-M-3	P67A02	BASICLine
JEHS-0600-B2-M-3	P83A02	BASICLine
JEHR-0067-B1-M-1	E14B02	BASICLine
JEHR-0113-B1-M-1	E22B02	BASICLine
JEHR-0140-B2-M-1	E26B02	BASICLine
JEHR-0150-B2-M-1	E33B02	BASICLine
JEHS-0200-B2-M-3	E34B02	BASICLine
JEHS-0250-B2-M-3	E42B02	BASICLine
JEHS-0300-B2-M-3	E46B02	BASICLine
JEHS-0350-B2-M-3	P56B02	BASICLine
JEHS-0400-B2-M-3	P67B02	BASICLine
JEHS-0500-B2-M-3	P83B02	BASICLine
JEH2-0075-L-1	A13B02 MP	BASICLine
JEH2-0175-L-1	A32B02 MP	BASICLine
JEH2-0225-L-1	A46B02 MP	BASICLine
JEH2-0175-L-3	A22B02 MP (3 ph)	BASICLine
JEH2-0350-L-3	P66B02 MP	BASICLine
JEH2-0400-L-3	P83B02 MP	BASICLine
JEH2-0500-L-3	P96B02 MP	BASICLine



Equivalences

Profroid (Quietor / Quietis)

Model	Equivalent model	Family
GQH ZBD21HNP	iCOOL-4.5 MHP	iCOOL
GQH ZBD29HNP	iCOOL-7 MHP	iCOOL
GQH ZBD45HNP	iCOOL-10 MHP	iCOOL
GQH ZBD57HNP	iCOOL-12 MHP	iCOOL
GQH ZBD76HNP	iCOOL-15 MHP	iCOOL
GQH ZBD76 TWIN HNP	iCOOL-17D MHP	iCOOL
GQH ZBD90 TWIN HNP	iCOOL-21D MHP	iCOOL
GQH ZBD9114TWIN HNP	iCOOL-26D MHP	iCOOL
GQL ZFD13 EVI HNP	iCOOL-3 MP	iCOOL
GQL ZFD25 EVI HNP	iCOOL-10 MP	iCOOL
GQL ZFD50 TW EVI HNP	iCOOL-17 MP	iCOOL
GQH ZB19V	E42A02	BASICLine
GQH ZB21V	E46A02	BASICLine
GQH ZB26V	P56A02	BASICLine
GQH ZB29V	P67A02	BASICLine
GQH ZB38V	P83A02	BASICLine
GHQ ZB15 HNP	E34B02	BASICLine
GHQ ZB19 HNP	E42B02	BASICLine
GHQ ZB21 HNP	E46B02	BASICLine
GHQ ZB26 HNP	P56B02	BASICLine
GHQ ZB29 HNP	P67B02	BASICLine
WPL04 ZS-C	A13B02 MP	BASICLine
WPL06 ZS-C	A16B02 MP	BASICLine
WPL11 ZS-C	A32B02 MP	BASICLine
WPL08 ZS-A	A22B02 MP (3 ph)	BASICLine



Equivalences

Lennox (DUO)

Model	Equivalent model	Family
DUO CU MT 45A	iCOOL-21D MHP	iCOOL
DUO CU MT 57A	iCOOL-26D MHP	iCOOL
DUO CU LT 18A	iCOOL-10 MP	iCOOL
DUO CU LT 25A	iCOOL-17 MP	iCOOL

Daikin / Zanotti

Model	Equivalent model	Family
LRMEQ5AY1	iCOOL-12 MHP	iCOOL
LRMEQ6AY1	iCOOL-15 MHP	iCOOL
LRMEQ8AY1	iCOOL-21D MHP	iCOOL
LRMEQ10AY1	iCOOL-26D MHP	iCOOL
LREQ8BY1	iCOOL-10 MP	iCOOL
LREQ15BY1	iCOOL-17 MP	iCOOL



Equivalences

Bitzer (Ecostar / Ecolite)

Model	Equivalent model	Family
LHL3E/2DES-2Y	iCOOL-7 MHP	iCOOL
LHL3E/2FES-3Y	iCOOL-10 MHP	iCOOL
LHV5E/2DES-3.F1Y-40S	iCOOL-12 MHP	iCOOL
LHL5E/4EES-4Y	iCOOL-12 MHP	iCOOL
LHL5E/4CES-6Y	iCOOL-15 MHP	iCOOL
LHV5E/4FE-5.F1Y	iCOOL-15 MHP	iCOOL
LHV5E/4EE-6.F1Y-40S	iCOOL-17D MHP	iCOOL
LHV7E/4DE-7.F3Y RI	iCOOL-26D MHP	iCOOL
LHV7E/4CE-9.F3Y RI	iCOOL-29D MHP	iCOOL
LHL3E/4CES-3Y	iCOOL-3 MP	iCOOL
LHV7E/4DE-7.F3Y RI	iCOOL-10 MP	iCOOL



Equivalences

BIOMA

Model	Equivalent model	Family
UNPJ6220ZZ	G16A02	BASICLine
UNPJ6226ZZ	G25A02	BASICLine
UPSE6015GK	G34A02	BASICLine
UPSE6018GS	E42A02	BASICLine
UPSE6021GS	E46A02	BASICLine
UPSE6026GS	P56A02	BASICLine
UPSE6030GS	P67A02	BASICLine
UPSE6036GS	P83A02	BASICLine
UPNEU6215GK	E14B02	BASICLine
UPNEU6224GK	E22B02	BASICLine
UPNJ9232GK	E26B02	BASICLine
UPNTU6238GKV	E33B02	BASICLine
UPSE6015GS	E34B02	BASICLine
UPSE6018GS	E42B02	BASICLine
UPSE6021GS	E46B02	BASICLine
UPSE6026GS	P67B02	BASICLine
UPSE6030GS	P83B02	BASICLine
UPSE2006GK	A32B02 MP	BASICLine
UPSE2010GK	A46B02 MP	BASICLine
UPSE2012GS	P66B02 MP	BASICLine
UPSE2014GS	P83B02 MP	BASICLine
UPSE2017GS	P96B02 MP	BASICLine



Equivalences for CO₂

Sanden / Enreco

Model	Equivalent model	Family
Sanden CDU-M	iCOOL 5 CO2 MT	iCOOL
Sanden CDU-L	iCOOL 7 CO2 MT/LT	iCOOL

Panasonic

Model	Equivalent model	Family
OCU-CR200VF5	iCOOL 5 CO2 MT	iCOOL
OCU-CR1000VF8A(SL)	iCOOL 15 CO2 MT/LT	iCOOL

Profroid / Green&Cool

Model	Equivalent model	Family
QuietCO2OL MT 50	iCOOL 5 CO2 MT	iCOOL
QuietCO2OL MT 67	iCOOL 7 CO2 MT/LT	iCOOL
QuietCO2OL LT75	iCOOL 7 CO2 MT/LT	iCOOL
QuietCO2OL LT167	iCOOL 15 CO2 MT/LT	iCOOL



Equivalences for CO₂

Rivacold

Model	Equivalent model	Family
CN067M245X0211	iCOOL 5 CO2 MT	iCOOL
CN100M245X1211	iCOOL 7 CO2 MT/LT	iCOOL
CN075L145X0211	iCOOL 7 CO2 MT/LT	iCOOL
CN167L245X1212	iCOOL 15 CO2 MT/LT	iCOOL

Tewis / Zanotti

Model	Equivalent model	Family
GCU2020PXB1	iCOOL 5 CO2 MT	iCOOL
GCU2040PXB2	iCOOL 7 CO2 MT/LT	iCOOL
HCU2040PXB2	iCOOL 7 CO2 MT/LT	iCOOL
GCU4070PXB3	iCOOL 15 CO2 MT/LT	iCOOL
GCU5140PXB4	iCOOL 22 CO2 MT/LT	iCOOL
HCU5140PXB4	iCOOL 22 CO2 MT/LT	iCOOL



Equivalences for CO₂

SCM FRIGO/BEIJER

Model	Equivalent model	Family
SCM FRIGO UMTT 067 MTDX	iCOOL 5 CO2 MT	iCOOL
SCM FRIGO UMTT 100 MTDX	iCOOL 7 CO2 MT/LT	iCOOL
SCM FRIGO UMTT 030 BTDX	iCOOL 7 CO2 MT/LT	iCOOL
SCM FRIGO UMT 100 MTDX	iCOOL 15 CO2 MT/LT	iCOOL
SCM FRIGO UMTT 067 BTDX	iCOOL 15 CO2 MT/LT	iCOOL
SCM FRIGO UMT 150 MTDX	iCOOL 22 CO2 MT/LT	iCOOL
SCM FRIGO UMT 120 BTDX	iCOOL 22 CO2 MT/LT	iCOOL

TEKO/ROXSTA air

Model	Equivalent model	Family
ROXSTAair	iCOOL 5 CO2 MT	iCOOL
ROXSTAair	iCOOL 15 CO2 MT/LT	iCOOL



Sales conditions

General terms and conditions of Area Cooling Solutions Sp. z o.o sale

These General Terms and Conditions of Sale shall be applied to sales of goods, components of goods, or services (jointly referred to as the "Products") by Area Traders Sp. z o.o., with its registered office in Nowa Wie Wrocawska, Poland, hereinafter referred to as the "Seller" or "Area". Sales of a Product shall be understood to mean any legal relation pursuant to which the Seller transfers onto the customer (the "Buyer") the ownership of goods or a component of goods or provides services. These General Terms and Conditions of Sale shall be binding on both the Seller and the Buyer. The Seller shall not be bound any general terms and conditions of agreements (including rules or templates of agreements) set forth by the Buyer unless such terms and conditions have been accepted by the Seller in writing. The above-mentioned general terms of the Buyer's agreement shall not be binding on the Seller, even if the Seller has not raised a separate objection towards such conditions. In the event whereby the Products are purchased by a consumer, these General Terms and Conditions of Sale shall be applied in compliance with the specific provisions governing consumer sales.

1 Conclusion of Sales Agreement

1.1 A Product purchase offer that has been submitted by the Buyer shall include: marking of the Buyer, the object of an order, i.e. the name and the catalogue number of the Product (in case of any discrepancies, the order shall be executed on the basis of an Area Catalogue number given by the Buyer), the number of pieces of the Product with individual catalogue numbers, the net unit price and the total price, an expected delivery date, the delivery venue, any additional remarks, a signature of a person authorized to submit an offer.

1.2 A Product purchase offer submitted by the Buyer shall be accepted by Area once the Buyer has received a written statement by Area about its acceptance. A confirmation statement that has been automatically sent to the Buyer by electronic mail shall be considered as a written confirmation by Area, too.

1.3 In the case whereby the data in the Order to not match the current offer, the price list, the terms of product delivery by suppliers, delivery execution dates, etc., Area shall send the Order confirmation with the Order data that have been adjusted accordingly. After the Buyer has accepted such modification of the Order, the modified Order shall become the basis for the execution of the delivery of the Products specified therein.

1.4 In the event whereby Area has submitted a Product sale offer to the Buyer, it shall have to be accepted by the Buyer within a timeframe set forth in the offer to become binding for the Seller. If the offer validity date has not been indicated in the offer, such a timeframe shall amount to 30 days.

2 Delivery and Transfer of Risk

2.1 Unless provided otherwise, the warehouse of Area located in its registered office shall be the delivery venue of the Products sold by Area (hereinafter: the "Delivery Venue").

2.2 The Seller shall be authorized to effect partial deliveries of the Product.

2.3 Product deliveries shall be executed at dates agreed by the Parties. The delivery shall be considered as completed once the Product has been delivered to the place indicated as the Delivery Venue.

2.4 The Buyer shall be required to examine the Product immediately after its delivery; complaints concerning the quantity of the Products shall not be considered, if such shortages have not been entered into the delivery document and confirmed by the forwarding agency's representative.

2.5 The ownership of the Product, subject to Clause 7, benefits and encumbrances related to the Product and the risk of its accidental loss or accidental deterioration of the Product quality shall pass from the Seller onto the Buyer at the moment of its delivery, prior to offloading of the Product.

3 Delays

The Seller shall not be held liable for damage suffered by the Buyer as a result of the delay in the Product delivery caused by reasons not attributable to the Buyer and, unless it has been explicitly agreed otherwise, the Seller shall not be held liable for contractual penalties payable by the Buyer to its counterparty or for other claims raised by the counterparty against such Buyer due to the delay in the delivery of the Equipment. The Buyer's withdrawal from the agreement due to the delay shall only be permitted upon the Seller's consent.

4 Change in Prices

The Seller reserves itself the right to adjust the agreed prices in case of changes in currency exchange rates, increase in the prices of materials, changes in remuneration, governmental interventions, or other circumstances beyond the control of the Seller.

5 Packaging

5.1 Single-use packaging of the Product has been included in the price and shall not be reimbursed; in the event it has been returned to the Seller.

5.2 Multi-use packaging has not been included in the price, and its costs shall be settled with the Buyer after undamaged packaging has been returned together with transport costs paid by the Buyer, pursuant to the Seller's instructions.

6 Payment Conditions

6.1 Unless it has been agreed otherwise in writing, the Buyer shall be obliged to make a down payment in the amount of 100% of the Product price within 5 business days before the Product delivery date at the latest.

6.2 The Buyer shall be entitled to a trade credit exclusively to the extent specifically provided for in the offer, order confirmation, or the invoice.

6.3 If the payment has not been executed when due, the Buyer shall pay statutory interest for delay charged as from the payment due date.

6.4 The Buyer shall not be entitled to suspend the payment due to the Seller or deduct any claim of the Buyer by netting it off against the Seller's claim, unless the Seller has expressed its consent to such deduction.

6.5 In case of there no detailed instructions given, invoices for the Products shall be issued to the Buyer. Any resulting costs incurred by the Seller, including the loss of profit shall be reinvoiced to the Buyer.

7 Reservation of Rights

7.1 The Seller reserves itself the title of ownership to the Products sold until full payment of the price has been made. The ownership title to the Products shall be transferred onto the Buyer once the entire price for the Products has been paid.

7.2 Reservation of the ownership title by the Seller shall in no way affect the transfer of risk specified in Clause 2 above.

8 Deductions and Assignment

The Seller shall be authorized to deduct its receivables due from the Buyer against its payables and to make assignments of receivables held against the Buyer onto any entity of its choice.

9 Catalogues, Descriptions, etc.

9.1 Information about the Products that is contained in any catalogue, description, brochure, advertising (hereinafter: the "Catalogues") shall not be deemed as the solicitation of an offer within the meaning of the Polish Civil Code, but only as an invitation to place orders. Detailed technical data about the Product that are included in the catalogues are subject to change due to the speed of changes in the technological industry and continued improvement of the products made by Area. Such data are provided for information purposes only and shall be binding only when a specific piece of information has been explicitly indicated in the offer made by Area and/or in the order confirmation sent by Area. Detailed requirements of the Buyer concerning products shall be binding only to the extent in which they have been confirmed by the Seller in writing.



9.2 The Buyer may obtain confirmation of the currently applicable data necessary for placing an order by an authorized employee of Area.

10 Drawings and Descriptions

Any intellectual property and industrial property rights to drawings and technical documentation delivered to the Buyer shall remain the property of the Seller. Drawings, technical documentation, and other technical information shall not be used, copied, reproduced, or disclosed to a third party without the Seller's consent, for any other purpose than the one envisaged at the moment of their delivery.

11 Modifications of Products

The Seller reserves itself the right to make modifications to its Products without notice, if such modifications may be implemented without amending the technical specifications that have been agreed upon.

12 Warranty

12.1 The warranty period shall be 12 months, starting from the Product sale date understood as the Invoice issuance date. Pursuant to separate arrangements it may be possible to agree to another warranty period.

12.2 At the Seller's discretion, the Seller undertakes to repair or replace the Products that during the Warranty Period are found defective under examination carried out by the Seller due to manufacturing, design, or material fault. Costs of disassembly and installation of the Product again incurred by the Buyer shall not be reimbursed.

12.3 In the event of occurrence of a Product defect during the Warranty Period, such Product shall be sent by the Buyer to the Seller, at the Buyer's expense and risk, with paid transport and insurance, together with:

- a letter explaining the reason for sending the Product,
- defect report,
- copy of the warranty sheet and the invoice,

The Product shall be sent without unnecessary accessories. Only in the case of compressors they shall be sent with their electronic accessories.

12.4 If the warranty claim is justified, the Seller shall return the repaired Product or a new Product and shall take over the re-placed parts or the defective Product. In such an event, the Buyer shall decide about the mode of transport and shall pay for the transport and insurance.

12.5 Area may under a separate order arrive at the venue of equipment installation at the Buyer's expense to its request under a separate offer. In case of equipment, the warranty for which depends on the first start-up by Area and that has been made by Area the costs of such arrival shall be incurred by Area.

12.6 Liability under a guarantee shall be excluded, except for cases whereby under applicable regulations of law exclusion of liability under a guarantee is not allowed.

12.7 In case when a consumer is a Buyer, this warranty does not exclude, or limit, or suspend the consumer's rights provided under the applicable regulations.

12.8 In case when a consumer is a Buyer, and the Product does not match the agreement, the Seller shall at its discretion reimburse the Buyer reasonable costs of disassembly, delivery, labour, materials, and the reinstallation and start-up of the Product and shall perform all the above actions independently or through third persons.

12.9 Special warranty conditions: 3 years warranty for condensing units: APMXN-3; APTXN-8.5; APTXSs-18 from export invoices: FSE-197/2012/EX and FSE-213/2012/EX.

13 Liability

13.1 Apart from liability towards the Buyer as a consumer arising under the above warranty or from non-compliance of the goods with the agreement, all of the Seller's liability shall be excluded, also including any recourse claims to the extent that it is provided for under Polish regulations of law.

13.2 To the extent in which liability for the Product towards third persons may be imposed on the Seller under applicable regulations of law, the Buyer shall indemnify and hold the Seller harmless to the extent in which the Seller's liability has been limited under these General Terms and Conditions of Sale. The Buyer shall be obliged to appear in the court or the court of arbitration reviewing a claim against the Seller under the damage caused by the Products as a co-participant or an intervener. If a third person has made a claim concerning damage described herein caused to one of the parties of the agreement, such party shall immediately notify the other party accordingly.

14 Complaints

Any claims concerning defects, delays in the delivery, liability for the Products, or other claims for damage shall be made in writing and forwarded by the Buyer to the Seller without undue delay. In case of claims that are subject to the warranty under Clause 12, the Buyer shall be obliged to prove that a defect has occurred within the period specified under Clause 12.

15 Return of Products

15.1 Products may be returned only under a separate agreement between the Parties; only those Products that are fit for sale in undamaged, original packaging may be returned. An invoice number must be quoted for such Products.

15.2 The Buyer shall reimburse the costs of the return transport of the Products to the place indicated by the Seller and the transport insurance costs. In case of return of Products an administrative fee that is from time to time set by the Seller shall be deducted from the price that is subject to reimbursement, however, not less than 5%.

16 Rights to Products

16.1 Further to the Product purchase, the Buyer shall not acquire any intellectual property rights or industrial property rights in the form of licenses, patents, copyright, trademarks or any other intellectual property rights or industrial property rights related to the Products.

16.2 If the Products in their entirety or part involve software, the Buyer shall only acquire a license to use such software to use the Product under its purpose and the instruction manual. The Buyer shall not acquire ownership title or rights of any other type to the software.

17 Force Majeure

The Seller shall be authorized to cancel orders of the Buyer or to transfer the execution date of orders and shall not be held liable for non-delivery, defective or delayed delivery of the Products, entirely or partially, caused by events that are beyond the reasonable control of the Seller, such as social riots, war, fire, public requirements, strike, lockout, slowdown, shortage of transport means, shortage of goods, illness or delay, or defects in the delivery from suppliers, production-related accidents, or inspections, or power shortages. In these cases, the Buyer shall not be authorized to seek damages or other claims against the Seller.

18 Severability

In the event whereby one or more of the provisions of these General Terms and Conditions of Sale are found to be invalid, unlawful, or unenforceable, it shall not affect or limit the validity, lawfulness, or enforceability of any of the remaining provisions.

19 Disputes

Any disputes arising out of or in connection with these General Terms and Conditions of Sale and under the primary contractual relation shall be resolved by Polish laws. Any kind of disputes that might arise shall be resolved by courts competent for the registered office of the Seller.



European Network



01
Spain
Head Quarter
BARCELONA

02
Poland
Design Centre
WROCLAW

03
Poland
WARSAW

04
Italy
MILAN

05
Ukraine
KIEV

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for a Green Future**

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