



# Refrigeration Groups

Product Catalogue

Condensing Units,  
Open and Closed Type Split  
Refrigerating Equipment

[frigocraft.com](http://frigocraft.com)



# About Frigocraft



**FrigoCraft** is a registered trademark of **Cantaş İç ve Dış Ticaret Soğutma Sistemleri Sanayi A.Ş.** Company. FrigoCraft products are designed by Cantaş taking into consideration requests and recommendations of technical experts who are respected and experienced in Turkish Refrigeration sector.

Cantaş, being arbitrary manufacturer on global markets, has all qualifications along with Integrated Management System bringing out the quality of production such as CE, ISO 9001:2008 Quality Management System, ISO 14001 Environment Management System, ISO 18001 Occupational Health and Safety Management System. Our mission in design and production, in addition to being a pioneer in research and development, is to be in the position of cost leader and to introduce our products at truly competitive prices to the market in order to reach large-scale production amounts. Robustness, reliability and ease of usage service, are the most important criteria on which our refrigeration equipment products are based on.

All production processes of FrigoCraft products are under control of Cantaş technical team. Entire production lines, such as condensing units, evaporators, condensers, gas tanks, cooling components production, are thoroughly monitored and controlled in order to provide continuity in production of superior quality at every stage of production. Products are shipped after Cantaş Certificated Merchandise-CCM stamp is pressed as a result of tests 100% made by Cantaş.

Cantaş company with over 30 years experience in the refrigeration sector, with customers who have become a family and in this way reaching volume of sales makes production possible in many different series and we are increasing this number by stable projects' implementation on an ongoing basis. FrigoCraft refrigerating equipment categories include: condensing units, heat exchangers (condensers, evaporators), liquid receivers and refrigeration components. In addition to the standard products, due to the strong Research and Development Department we can also offer non-standard equipment solutions to our customers. Our condensing units and refrigeration units are presented to our valued customers in a wide range of about 50 kinds of usage purposes.

Customers of Frigocraft products are only professionals owning Compliance Certificates. FrigoCraft products from Cantaş are marketed only to professional customers and also entire contracting works are done by customers. The goal here is to achieve the large production scale with the best quality and the most suitable price through the cooperation of our customers.

Dedicated work and talent of our employees is the cornerstone of our success. As the result of our strict and consistent work, the quality of our equipment, our delivery time and after sales service we have managed to win the praise and trust of all our customers. Thanks to our experienced staff performance and capabilities in design, production and marketing of equipments such as condensing units, evaporators, condensers, cooling components, liquid receivers, we have gained love and respect in our sector all over the world.

FrigoCraft name implies superior quality, competitive price and delivery from stock in this field. Not only to respond to our customers' expectations, but also to come up market demands, we continue to enlarge our highest quality products stock with new ones every day.

FrigoCraft products are manufactured first and foremost for our customers' satisfaction strictly committed to the superior quality and continuous improvement principles. All around the world enterprises that are associated with cooling, we cordially invite you to take basic fundamentals of professional cooperation for a bright future based on trust and gain.



# FrigoCraft Condensing Units

## Standard and custom production condensing units

Reliable with serial production, instant solution

### Standard Production;



Single Fan Models

#### Compressors;

State of the art technology, superior energy efficient compressors from EMBRACO; 0,20-1.50 HP power product range, with production capacity 40 million compressors per year from the world's largest single piston compressor manufacturer.



Double Fan Models

#### Fan Motors and Dryer Filters;

Q Motors, fan legs, fan finger guard and fan shutters from Frigocraft etched in minds with Pioneering, innovation, durability and reliability Dryer filters from Dena are indispensable part of condensing unit production.



Three Fan Models

#### Condensers;

- Compact design condensers with 7 mm indoorly grooved copper tube, wide aluminum fin space.
- Can work at high ambient temperatures without any problems with 10 k:
- Condensers of all models with maximum height of 30 cm are ready solution for Plug-in applications

### Customized Production;



- Besides the condensers with standard product design, FrigoCraft offers custom designs for OEM.
- Condensing units are specially designed depending on equipment manufacturer needs and service location.
- Specially needed equipment as pressure controllers, solenoid valves, sight glasses, liquid receivers, liquid accumulators, evaporation tray can be chosen from the brands equally qualified to Frigocraft.
- Frigocraft condensing units with its design, mass production, the quality of workmanship and on-time delivery offer reliable and economic solutions not only to commercial refrigerator manufacturers, but to all refrigerator unit manufacturers.

### FrigoCraft Open Type Split Refrigeration Equipment

Traditional, Stable, Reliable, Efficient, Economical  
Wide range of products with top class components, Plug-and-play solution

#### Compressors;

**Embraco, Danfoss, Kulthorn, Copeland**  
- from the world's largest manufacturers technology compressors

#### Fan Motors;

Q Motors: **FrigoCraft:**  
Axial Fans: **Ziehl-Abegg**

#### Condensers;

- 7 mm internally grooved copper tube, wide fin space aluminum fin with compact design
- Can work at high ambient temperatures without any problems with  $\Delta t 10$  K capacity



#### Pressure Controls;

High pressure and fan motor control automation: Combine for low and high pressure control: **Danfoss**  
The widest range of product choices with 7 different case types meet every need



#### Components;

Solenoid Valves: **Danfoss**  
Gas sight glass: **Danfoss**  
Dryer Filters: **Danfoss**

The widest range of product choices with 7 different case types meet every need

### Reliable, trackable superior mass production Integrated



Quality Management System;  
ISO9001:2008 Quality Management System  
ISO14001:Environmental Management System  
BS OHSAS18001:2007:Occupational health and safety management system,  
CE:OSE-15-0707/01 2006/42/AT Machinery Safety Regulations Compliance Confirmation

Transportation, storage, installation and service with innovative design have never been so easy

Instant delivery of senior quality packages from stock



# FrigoCraft Split Type Refrigerating Units

## Well-designed Outdoor Units

The use of advanced technology, top-class components offers the highest efficiency



### Pressure Controls;

High pressure pressostats for control of fan motor : **Danfoss**  
High-and low-pressure control for combined : **Danfoss**



Electrical protection units: **Schneider**  
Pyramid sound-insulation application



### Equipment

Solenoid Valves: **Danfoss**  
Sight glasses: **Danfoss**  
Dryer Filters: **Danfoss**



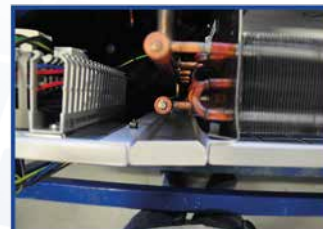
### Compressors:

**Embraco, Danfoss, Kulthorn, Copeland**  
The most advanced state-of-the-art compressors from the largest compressor manufacturers



### Fan Motors;

Q Motors: **FrigoCraft**  
Axial Fans: **Ziehl-Abegg**



### Condensers;

- Compact design with 7 mm internally grooved copper tube, wide aluminum fin spacing.
- At 10K can work smoothly at high ambient temperatures with high capacity

**Compact dimensions are space-saving. Advanced technology provides unusual appearance.**



With 9 different body types, standard and quiet series can meet every need with the widest range of products

## Reliable, trackable superior mass production



Integrated Quality Management System;  
ISO9001:2008 Quality Management System  
ISO14001: Environmental Management System  
BS OHSAS18001:2007: Occupational Health and Safety Management System  
CE: OSE-15-0707/01 2006/42/AT Machinery Safety Regulations Compliance Confirmation

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Instant delivery of senior quality packages from stock

# Refrigeration Groups

## Condensing Units

Piston and scroll compressors and FrigoCraft brand fan motors are used in Open Split Type Units. These units are mainly used in commercial refrigerators with indoor(or inside) compressors. Apart from the standard production also customized products are manufactured in accordance with the manufacturers' refrigerator case design requests. Standard units used in the products; Compressor, wide-fin spaced condenser consisting of aluminum blade - indoorly grooved cooper pipe, fan motor, finger guard or fan leg according to condenser property , fan blade, dryer filter and chassis. According to the unit capacity they are produced in different chassis with single, double and triple fans. The products have been designed to provide optimum space and installation advantages. (All products have height max. 300 mm.) After the packaging process following the tests for piping and assembly are delivered ready from stock.



## Open and Closed Split Type

Closed Split Type Units; reciprocating and scroll compressors are used. Wide fin space condenser; and indoorly grooved copper tubes are used. These units are manufactured for use in positive and negative mode section and creamer refrigerators, cold rooms, milk tanks and ice machines. Units are produced in different cases with single, double and four fan according to capacity. 4 poles ~ 1,400 rpm fan motors are used.

In all series, the condensation and the ambient temperature difference( $\Delta t$ ) is taken  $10^{\circ}\text{C}$  maximum. Thus, all units can be operated smoothly even at  $+40^{\circ}\text{C}$  ambient temperature.

Sound insulation is applied in standard to obtain low noise levels.

## Closed Split-Silent Series

Closed Split Type - on Silent Series units; In applications considering the noise level important 6 pole ~ 900 rpm fan motors are preferred to standard series because they are quieter. Special unit series for eliminating the high noise level problems, especially from applications carried on near living areas.

Sound insulation applied as standard can reduce the noise level to the lowest level possible. Wide fin space condenser; and indoorly grooved copper tubes are used.

In all series, the condensation and the ambient temperature difference( $\Delta t$ ) is taken  $10^{\circ}\text{C}$  maximum. In this way, all units can work without problems even at  $+40^{\circ}\text{C}$  ambient temperature.

The whole production process at every stage from production to shipment is tracked by barcode system.

## Optional Accessories

The following equipments are available as optional in standard series units production;

- Liquid and gas line Service Valves,
- Liquid Receiver,
- Oil Separator,
- Fan Speed Control,
- Electronic expansion valve for superheat control
- Low and high pressure manometers

## Complementary Products

- FrigoCraft Remote Control Panels
- Communication, Remote control, Retroactive report receiving equipment
- Indoor Units





# Frigocraft Nomenclature

## Product Nomenclature Table

Application Type	Max. Room V (m³)	Case	Condenser	Fan Brand	Fan - Speed / Pieces	Compressor Model	Compressor Brand	Compressor Type	Electric Supply (V / P / Hz)
H - Cool Storage	20	A01-1 Condenser Unit Chassis	S- Copper - Standard	Z: Ziehl-Abegg	41-4 Pole, One Fan	MTZ072	E- Embraco	P- Piston Hermetic	5- 220-230 / 1 / 50
M - Cold Storage	40	A03-3 Condenser Unit Chassis	O- Copper - Tropical	C: Cfan	42- 4 Pole, Two Fan	MTZ080	D- Danfoss	S- Scroll	4- 380-400 / 3 / 50-60
L - Frozen Storage	70	K01-1 Cassette Type Split	M- Micro Channel		44- 4 Pole, Four Fan	MTZ100	K- Kulthorn	Y- Piston Semi Hermetic	
S - Blast Freezing	100	AS11-1 Open Split type			61- 6 Pole, One Fan	MTZ125	C- Copeland		
	250	S30-Standard Horizontal Type Condenser Industrial Chassis			62- 6 Pole, Two Fan	MTZ144	D- Dorin		
	430	V05-V Type Condenser Industrial Chassis			64- 6 Pole, Four Fan	MTZ160	G- Gea		
	2000	W10- W Type Condenser							

## Sample Product Naming

**M300-K12.SZ4450.MTZ160.DP4**

- 4** : Comp. Electrical Supply 380-400V/3F/50-60Hz
- P** : Piston Compressor
- D** : Danfoss Brand Compressor
- MTZ160** : Compressor Model
- 50** : Impeller Diameter 500 mm
- 4** : Four Fan Motor
- 4** : Four-Pole Fan Motor
- Z** : Ziehl-Abegg Brand Fan Motor
- S** : Al / Copper - Standard Condenser
- K12** : Casing Model #12
- 300** : Max. Suitable Unit for 300 m3 Cold Room
- M** : Cold Room



# Product Line

Serie   Type	Room Volume	m³																				Kg.			
	Application Type	2	4	6	10	12	26	30	80	90	100	150	180	250	280	300	310	340	350	1.000	1.200	2.000	3.000	3.750	4.500
Condensing Units	Cold																								
	Frozen																								
Open Type Split Units	Cool																								
	Cold																								
	Frozen																								
Closed Type Split Units	Cool																								
	Cold																								
	Frozen																								
Closed Type Silent Split Units	Cool																								
	Cold																								
	Frozen																								
Industrial Type Units	Cold																								
	Frozen																								
	Blast Freeze																								

Serie Type	Compressor Cooling Capacity	Kw																							
	Application Type	0,36	0,42	0,67	0,98	1,02	2,32	3,00	4,00	5,55	7,91	9,70	12,18	12,80	16,50	17,42	20,04	20,37	21,70	23,32	28,30	42,90	66,80	76,00	85,50
Condensin Units	Cold																								
	Frozen																								
Open Type Split Units	Cool																								
	Cold																								
Closed Type Split Units	Cool																								
	Cold																								
Closed Type Silent Split Units	Cool																								
	Cold																								
Industrial Type Units	Cold																								
	Frozen																								
	Blast Freeze																								

Serie Type	Compressor Cooling Capacity	Hp																							
	Application Type	0,25	0,50	0,66	0,75	1,00	1,50	1,66	1,75	2,00	2,50	3,00	4,00	5,00	6,00	7,00	8,00	8,30	10,00	13,50	15,00	20,00	25,00	30,00	60,00
Condensing Units	Cold																								
	Frozen																								
Open Type Split Units	Cool																								
	Cold																								
	Frozen																								
Closed Type Split Units	Cool																								
	Cold																								
	Frozen																								
Closed Type Silent Split Units	Cool																								
	Cold																								
	Frozen																								
Industrial Type Units	Cold																								
	Frozen																								
	Blast Freeze																								

# Product Line

Compressor Type		Piston Compressor			Scroll Compressor		Piston Compressor		Scroll Compressor		Piston Semi-Hermetic Compressor		
Casing Type		Capacity Range	Condensing Units	Open Split Type				Closed Split Type					
Application	Cool Storage	Standart Series	Compressor Brand	-	Danfoss MTZ	Kulthorn	Danfoss MLZ Copeland ZB	Daikin JT	Danfoss MTZ	Kulthorn	Danfoss MLZ Copeland ZB	Daikin JT	-
			Power Range	-	2 - 5,3 Hp	2 - 6 Hp	2 - 6 Hp	3 - 5 Hp	2 - 6,7 Hp	2 - 8 Hp	2 - 8 Hp	3 - 7,5 Hp	-
			Room Volume	-	90 - 240 m³	130 - 280 m³	90 - 250 m³	160 - 240 m³	90 - 310 m³	130 - 340 m³	90 - 340 m³	160 - 340 m³	-
		Silent Series	Compressor Brand	-	-	-	-	-	Danfoss MTZ	Kulthorn	Danfoss MLZ Copeland ZB	Daikin JT	-
			Power Range	-	-	-	-	-	2 - 6 Hp	2 - 7 Hp	2 - 7 Hp	3 - 5 Hp	-
			Room Volume	-	-	-	-	-	90 - 290 m³	130 - 310 m³	90 - 285 m³	160 - 285 m³	-
	Cold Storage	Standart Series	Compressor Brand	Embraco	Embraco / Danfoss MTZ	Kulthorn	Danfoss MLZ Copeland ZB	Daikin JT	Embraco / Danfoss MTZ	Kulthorn	Danfoss MLZ Copeland ZB	Daikin JT	GEA/Bock
			Power Range	0,25 - 1,5 Hp	0,5 - 8,3 Hp	1,3 - 8 Hp	2 - 8 Hp	3 - 7,5 Hp	0,5 - 13,3 Hp	1,3 - 10 Hp	2 - 10 Hp	3 - 12 Hp	10 - 60 HP
			Room Volume	2 - 26 m³	6 - 180 m³	26 - 180 m³	30 - 180 m³	80 - 180 m³	6 - 300 m³	26 - 220 m³	30 - 220 m³	80 - 300 m³	350 - 2.000 m3
		Silent Series	Compressor Brand	-	-	-	-	-	Danfoss MTZ	Kulthorn	Danfoss MLZ Copeland ZB	Daikin JT	-
			Power Range	-	-	-	-	-	2 - 6,7 Hp	1,3 - 8 Hp	2 - 7 Hp	3 - 5 Hp	-
			Room Volume	-	-	-	-	-	6 - 160 m³	26 - 180 m³	30 - 160 m³	80 - 150 m³	-
Frozen Storage	Standart Series	Compressor Brand	Embraco	Embraco / Danfoss NTZ	Kulthorn	Danfoss LLZ	-	Embraco / Danfoss NTZ	Kulthorn	Danfoss LLZ	-	GEA/Bock	
		Power Range	0,5 - 1,5 Hp	1 - 7,5 Hp	1,5 - 3 Hp	4 - 8 Hp	-	1 - 7,5 Hp	1,5 - 3 Hp	4 - 8 Hp	-	10 - 60 HP	
		Room Volume	2 - 10 m³	4 - 100 m³	10 - 32 m³	40 - 85 m³	-	4 - 100 m³	10 - 32 m³	40 - 85 m³	-	100 - 1.000 m3	
	Silent Series	Compressor Brand	-	-	-	-	-	Embraco / Danfoss NTZ	Kulthorn	Danfoss LLZ	-	-	
		Power Range	-	-	-	-	-	1 - 7,5 Hp	1,5 - 3 Hp	4 - 8 Hp	-	-	
		Room Volume	-	-	-	-	-	4 - 100 m³	10 - 32 m³	40 - 85 m³	-	-	
Blast Freezing	Standart Series	Compressor Brand	-	-	-	-	-	-	-	-	-	GEA/Bock	
		Power Range	-	-	-	-	-	-	-	-	-	20 - 30 HP	
		Blast Freezing	-	-	-	-	-	-	-	-	-	3.000 - 4.500 Kg.	

Condensing Units, Open and Closed, Standard and Silent Type Closed Split Type all Cooling Groups with hermetic piston and scroll compressor in all given tables room volumes and cooling capacities were calculated by taking into consideration R404A refrigerant and following test conditions;

EN12900/10K-SH

Europe norm, according to which test results are calculated with the following variables accepted fixed;

## HBP – Cool Storage

Evaporation: + 5 °C

Superheat: 10K

Gas Suction Temperature: +15 °C

Condensation: + 45 °C

Subcooling: 0K

## MBP – Cold Storage

Evaporation: -10 °C

Superheat: 10K

Gas Suction Temperature: 0 °C

Condensation: + 45 °C

Subcooling: 0K

## LBP – Frozen Storage

Evaporation: -25 °C

Superheat: 10K

Gas Suction Temperature: -15 °C

Condensation: + 45 °C

Subcooling: 0K

All Split Type Cooling Groups with semi-hermetic piston compressor in all given tables room volumes and cooling capacities were calculated by taking into consideration R404A refrigerant and following test conditions;

## MBP - Cold Storage

Evaporation: -10 °C

Superheat: 30K

Gas Suction Temperature: +20 °C

Condensation: + 45 °C

Subcooling: 0K

## LBP - Frozen Storage

Evaporation: -25 °C

Superheat: 35K

Gas Suction Temperature: +10 °C

Condensation: + 45 °C

Subcooling: 0K

## Blast Freezing

Evaporation: -40 °C

Superheat: 10K

Gas Suction Temperature: -30 °C

Condensation: + 45 °C

Subcooling: Indoor Subcooler

# Frigocraft Condensing Units Technical Properties

Test Conditions	Refrigerant	Product Code	Product Model	Compressor Information					Capacity for ΔT:15	
				Model	Power	Q	P	COP		
					Hp	(Watt)	(Watt)	(w/w)		(Watt)
-10/45°C EN12900/10K-SH	R134a	80.60.020	FrigoCraft M002.A01SF4125.E6160Z.EP5 CDU	EMT6160Z	0,25	363	202	1,80	565	
		80.60.010	FrigoCraft M003.A01SF4125.FF85H.EP5 CDU	FF8,5HBK	0,25	366	232	1,58	598	
		80.60.025	FrigoCraft M002.A01SF4125.E6170Z.EP5 CDU	EMT6170Z	0,25	395	235	1,68	630	
		80.60.030	FrigoCraft M003.A01SF4125.N6187Z.EP5 CDU	NEU6187Z	0,33	461	254	1,81	715	
		80.60.015	FrigoCraft M004.A01SF4125.FF12H.EP5 CDU	FFI12HBK	0,38	586	337	1,74	923	
		80.60.035	FrigoCraft M003.A01SF4125.N6210Z.EP5 CDU	NEU6210Z	0,38	615	336	1,83	951	
		80.60.040	FrigoCraft M004.A01SF4125.N6212Z.EP5 CDU	NEU6212Z	0,50	674	412	1,64	1086	
		80.60.045	FrigoCraft M006.A01SF4125.N6214Z.EP5 CDU	NEU6214Z	0,50	836	467	1,79	1303	
		80.60.050	FrigoCraft M007.A02SF4225.T6217Z.EP5 CDU	NT6217Z	0,75	917	493	1,86	1410	
		80.60.052	FrigoCraft M007.A02SF4225.T6217Z.EP5 CDU(L)	NT6217Z	0,75	917	493	1,86	1410	
		80.60.055	FrigoCraft M008.A02SF4225.T6220Z.EP5 CDU	NT6220Z	0,75	979	550	1,78	1529	
		80.60.057	FrigoCraft M008.A02SF4225.T6220Z.EP5 CDU(L)	NT6220Z	0,75	979	550	1,78	1529	
		80.60.060	FrigoCraft M016.A03SF4325.J6226Z.EP5 CDU	NJ6226Z	1,00	1566	811	1,93	2377	
		80.60.062	FrigoCraft M016.A03SF4325.J6226Z.EP5 CDU(L)	NJ6226Z	1,00	1566	811	1,93	2377	
	R404A	80.65.020	FrigoCraft M004.A01SF4125.N6181G.EP5 CDU	NEK6181GK	0,33	546	359	1,52	905	
		80.65.025	FrigoCraft M005.A01SF4125.N6212G.EP5 CDU	NEU6212GK	0,38	718	451	1,59	1169	
		80.65.030	FrigoCraft M006.A02SF4225.N6215G.EP5 CDU	NEU6215GK	0,50	980	624	1,57	1604	
		80.65.035	FrigoCraft M008.A02SF4225.N6217G.EP5 CDU	NEK6217GK	0,50	1062	690	1,54	1752	
		80.65.040	FrigoCraft M008.A02SF4225.T6220G.EP5 CDU	NT6220GK	0,75	1019	649	1,57	1668	
		80.65.042	FrigoCraft M008.A02SF4225.T6220G.EP5 CDU(L)	NT6220GK	0,75	1019	649	1,57	1668	
		80.65.045	FrigoCraft M012.A02SF4225.T6222G.EP5 CDU	NT6222GK	1,00	1248	832	1,50	2080	
		80.65.047	FrigoCraft M012.A02SF4225.T6222G.EP5 CDU(L)	NT6222GK	1,00	1248	832	1,50	2080	
		80.65.050	FrigoCraft M014.A03SF4325.T6224G.EP5 CDU	NT6224GK	1,00	1485	928	1,60	2413	
		80.65.052	FrigoCraft M014.A03SF4325.T6224G.EP5 CDU(L)	NT6224GK	1,00	1485	928	1,60	2413	
		80.65.055	FrigoCraft M016.A03SF4325.T6226G.EP5 CDU	NT6226GK	1,00	1661	971	1,71	2632	
		80.65.057	FrigoCraft M016.A03SF4325.T6226G.EP5 CDU(L)	NT6226GK	1,00	1661	971	1,71	2632	
		80.65.060	FrigoCraft M020.A03SF4325.J9232G.EP5 CDU	NJ9232GK	1,25	1905	1089	1,75	2994	
		80.65.062	FrigoCraft M020.A03SF4325.J9232G.EP5 CDU(L)	NJ9232GK	1,25	1905	1089	1,75	2994	
		80.65.065	FrigoCraft M026.A03SF4325.J9238G.EP5 CDU	NJ9238GK	1,50	2323	1499	1,55	3822	
		80.65.067	FrigoCraft M026.A03SF4325.J9238G.EP5 CDU(L)	NJ9238GK	1,50	2323	1499	1,55	3822	
		-25/45°C EN12900/10K-SH	80.70.020	FrigoCraft L002.A01SF4125.N2140G.EP5 CDU	NEU2140GK	0,50	421	326	1,29	747
			80.70.025	FrigoCraft L003.A01SF4125.N2155G.EP5 CDU	NEU2155GK	0,75	487	396	1,23	883
			80.70.030	FrigoCraft L003.A01SF4125.N2168G.EP5 CDU	NEU2168GK	0,75	552	520	1,06	1072
			80.70.032	FrigoCraft L003.A01SF4125.N2168G.EP5 CDU(L)	NEU2168GK	0,75	552	520	1,06	1072
80.70.035	FrigoCraft L004.A02SF4225.N2178G.EP5 CDU		NEU2178GK	1,00	667	585	1,14	1252		
80.70.037	FrigoCraft L004.A02SF4225.N2178G.EP5 CDU(L)		NEU2178GK	1,00	667	585	1,14	1252		
80.70.040	FrigoCraft L006.A02SF4225.T2192G.EP5 CDU		NT2192GK	1,25	783	732	1,07	1515		
80.70.042	FrigoCraft L006.A02SF4225.T2192G.EP5 CDU(L)		NT2192GK	1,25	783	732	1,07	1515		
80.70.045	FrigoCraft L010.A02SF4225.T2212G.EP5 CDU		NT2212GK	1,50	1018	901	1,13	1919		
80.70.047	FrigoCraft L010.A02SF4225.T2212G.EP5 CDU(L)		NT2212GK	1,50	1018	901	1,13	1919		



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Dimensions				Model
Condenser Capacity	Working $\Delta T$	Electric Supply	Fan Information	Air Flow (m <sup>3</sup> /sa)	Condenser Surface Area			Model	Length	Cabin Width	Height	
(Watt)			(ad.xmm)	(m <sup>3</sup> /sa)	(m <sup>2</sup> )				(mm)	(mm)	(mm)	
1000	8,5	220V - 50Hz	1x250	522	2,38	1/4"	3/8"	A01	500	450	300	EMT6160Z
1090	8,2	220V - 50Hz	1x250	551	2,59	1/4"	3/8"	A01	500	450	300	FF8,5HBK
1090	8,7	220V - 50Hz	1x250	551	2,59	1/4"	3/8"	A01	500	450	300	EMT6170Z
1090	9,8	220V - 50Hz	1x250	551	2,59	1/4"	3/8"	A01	500	450	300	NEU6187Z
1345	10,3	220V - 50Hz	1x250	435	3,89	1/4"	3/8"	A01	500	450	300	FFI12HBK
1345	10,6	220V - 50Hz	1x250	435	3,89	1/4"	3/8"	A01	500	450	300	NEU6210Z
1575	10,3	220V - 50Hz	1x250	463	4,55	1/4"	3/8"	A01	500	450	300	NEU6212Z
1575	12,4	220V - 50Hz	1x250	463	4,55	1/4"	3/8"	A01	500	450	300	NEU6214Z
2355	9,0	220V - 50Hz	2x250	1.102	5,19	1/4"	3/8"	A02	750	450	300	NT6217Z
2355	9,0	220V - 50Hz	2x250	1.102	5,19	1/4"	3/8"	A02	750	450	300	NT6217Z
2637	8,7	220V - 50Hz	2x250	970	7,79	1/4"	3/8"	A02	750	450	300	NT6220Z
2637	8,7	220V - 50Hz	2x250	970	7,79	1/4"	3/8"	A02	750	450	300	NT6220Z
3423	10,4	220V - 50Hz	3x250	1.553	7,79	1/4"	1/2"	A03	1050	450	300	NJ6226Z
3423	10,4	220V - 50Hz	3x250	1.553	7,79	1/4"	1/2"	A03	1050	450	300	NJ6226Z
1345	10,1	220V - 50Hz	1x250	435	3,89	1/4"	3/8"	A01	500	450	300	NEK6181GK
1575	11,1	220V - 50Hz	1x250	463	4,55	1/4"	3/8"	A01	500	450	300	NEU6212GK
2355	10,2	220V - 50Hz	2x250	1.102	5,19	1/4"	3/8"	A02	750	450	300	NEU6215GK
2637	10,0	220V - 50Hz	2x250	970	7,79	1/4"	3/8"	A02	750	450	300	NEK6217GK
2637	9,5	220V - 50Hz	2x250	970	7,79	1/4"	1/2"	A02	750	450	300	NT6220GK
2637	9,5	220V - 50Hz	2x250	970	7,79	1/4"	1/2"	A02	750	450	300	NT6220GK
3023	10,3	220V - 50Hz	2x250	812	10,39	1/4"	1/2"	A02	750	450	300	NT6222GK
3023	10,3	220V - 50Hz	2x250	812	10,39	1/4"	1/2"	A02	750	450	300	NT6222GK
3423	10,6	220V - 50Hz	3x250	1.553	7,79	1/4"	1/2"	A03	1050	450	300	NT6224GK
3423	10,6	220V - 50Hz	3x250	1.553	7,79	1/4"	1/2"	A03	1050	450	300	NT6224GK
4144	9,5	220V - 50Hz	3x250	1.455	11,69	1/4"	1/2"	A03	1050	450	300	NT6226GK
4144	9,5	220V - 50Hz	3x250	1.455	11,69	1/4"	1/2"	A03	1050	450	300	NT6226GK
4679	9,6	220V - 50Hz	3x250	1.218	15,58	1/4"	1/2"	A03	1050	450	300	NJ9232GK
4679	9,6	220V - 50Hz	3x250	1.218	15,58	1/4"	1/2"	A03	1050	450	300	NJ9232GK
4679	12,3	220V - 50Hz	3x250	1.218	15,58	1/4"	1/2"	A03	1050	450	300	NJ9238GK
4679	12,3	220V - 50Hz	3x250	1.218	15,58	1/4"	1/2"	A03	1050	450	300	NJ9238GK
1090	10,3	220V - 50Hz	1x250	551	2,59	1/4"	3/8"	A01	500	450	300	NEU2140GK
1345	9,8	220V - 50Hz	1x250	435	3,89	1/4"	3/8"	A01	500	450	300	NEU2155GK
1575	10,2	220V - 50Hz	1x250	463	4,55	1/4"	3/8"	A01	500	450	300	NEU2168GK
1575	10,2	220V - 50Hz	1x250	463	4,55	1/4"	3/8"	A01	500	450	300	NEU2168GK
2355	8,0	220V - 50Hz	2x250	1.102	5,19	1/4"	1/2"	A02	750	450	300	NEU2178GK
2355	8,0	220V - 50Hz	2x250	1.102	5,19	1/4"	1/2"	A02	750	450	300	NEU2178GK
2355	9,6	220V - 50Hz	2x250	1.102	5,19	1/4"	1/2"	A02	750	450	300	NT2192GK
2355	9,6	220V - 50Hz	2x250	1.102	5,19	1/4"	1/2"	A02	750	450	300	NT2192GK
2637	10,9	220V - 50Hz	2x250	970	7,79	1/4"	1/2"	A02	750	450	300	NT2212GK
2637	10,9	220V - 50Hz	2x250	970	7,79	1/4"	1/2"	A02	750	450	300	NT2212GK

# Frigocraft Open Split Type Technical Information

Test Conditions (R-404a)	Compressor Type	Product Code	Product Model	Compressor Information					Capacity for ΔT:15
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COOL STORAGE (+5/45°C EN12900/10K-SH)	DANFOSS MTZ HERMETIC	80.08.068	FrigoCraft H090-A13.SZ4145.MTZ022.DP4 CDU	MTZ-022	2	5.547	1.822	3,04	7.369
		80.08.078	FrigoCraft H140-A14.SZ4145.MTZ028.DP4 CDU	MTZ-028	2,3	7.036	2.446	2,88	9.482
		80.08.088	FrigoCraft H150-A14.SZ4150.MTZ032.DP4 CDU	MTZ-032	2,7	7.980	2.714	2,94	10.694
		80.08.098	FrigoCraft H160-A15.SZ4240.MTZ036.DP4 CDU	MTZ-036	3	9.101	3.192	2,85	12.293
		80.08.108	FrigoCraft H170-A15.SZ4240.MTZ040.DP4 CDU	MTZ-040	3,3	10.127	3.650	2,77	13.777
		80.08.118	FrigoCraft H175-A15.SZ4240.MTZ044.DP4 CDU	MTZ-044	3,7	10.885	3.378	3,22	14.263
		80.08.128	FrigoCraft H190-A17.SZ4245.MTZ050.DP4 CDU	MTZ-050	4,2	12.744	3.907	3,26	16.651
		80.08.138	FrigoCraft H200-A20.SZ4250.MTZ056.DP4 CDU	MTZ-056	4,7	13.843	4.361	3,17	18.204
		80.08.148	FrigoCraft H240-A20.SZ4250.MTZ064.DP4 CDU	MTZ-064	5,3	16.332	5.275	3,10	21.607
	KULTHORN HERMETIC	80.18.038	FrigoCraft H135-A14.SZ4145.AW7514.KP5 CDU	AW7514Z	2,00	6.600	2.357	2,80	8.957
		80.18.048	FrigoCraft H150-A14.SZ4150.AW9516.KP5 CDU	AW9516Z	2,50	8.000	3.200	2,50	11.200
		80.18.068	FrigoCraft H130-A14.SZ4145.AW5526.KP4 CDU	AW5526Z-9	2,00	6.872	2.148	3,20	9.020
		80.18.078	FrigoCraft H155-A14.SZ4150.AW5534.KP4 CDU	AW5534Z-9	2,50	8.350	2.756	3,03	11.106
		80.18.088	FrigoCraft H165-A15.SZ4240.AW5538.KP4 CDU	AW5538Z-9	3,00	9.416	3.225	2,92	12.641
		80.18.098	FrigoCraft H180-A17.SZ4245.AW5545.KP4 CDU	AW5545Z-9	4,00	11.500	4.049	2,84	15.549
		80.18.128	FrigoCraft H220-A20.SZ4250.KA5558.KP4 CDU	KA5558ZXG	5,00	15.627	4.530	3,45	20.157
		80.18.148	FrigoCraft H280-A20.SZ4250.KA5564.KP4 CDU	KA5564ZXG	6,00	17.242	5.147	3,35	22.389
		80.28.068	FrigoCraft H090-A13.SZ4145.MLZ015.DS4 CDU	MLZ-015	2,00	5.619	1.661	3,38	7.280
	DANFOSS SCROLL	80.28.098	FrigoCraft H135-A14.SZ4145.MLZ.021.DS4 CDU	MLZ-021	3,00	7.877	2.236	3,52	10.113
		80.28.108	FrigoCraft H160-A15.SZ4240.MLZ.026.DS4 CDU	MLZ-026	3,50	9.843	2.803	3,51	12.646
		80.28.138	FrigoCraft H180-A17.SZ4245.MLZ.030.DS4 CDU	MLZ-030	4,00	11.857	3.313	3,58	15.170
		80.28.148	FrigoCraft H200-A20.SZ4250.MLZ.038.DS4 CDU	MLZ-038	5,00	14.138	3.984	3,55	18.122
		80.28.158	FrigoCraft H250-A20.SZ4250.MLZ.045.DS4 CDU	MLZ-045	6,00	17.008	4.822	3,53	21.830
		80.38.068	FrigoCraft H090-A13.SZ4145.ZB015T.CS4 CDU	ZB-15	2,00	5.691	1.690	3,37	7.381
	COPELAND SCROLL	80.38.088	FrigoCraft H120-A14.SZ4145.ZB019T.CS4 CDU	ZB-19	2,50	7.067	2.054	3,44	9.121
		80.38.098	FrigoCraft H140-A14.SZ4145.ZB021T.CS4 CDU	ZB-21	3,00	8.108	2.459	3,30	10.567
		80.38.128	FrigoCraft H180-A17.SZ4245.ZB029T.CS4 CDU	ZB-29	4,00	11.449	3.264	3,51	14.713
		80.38.148	FrigoCraft H200-A20.SZ4250.ZB038T.CS4 CDU	ZB-38	5,00	14.436	4.121	3,50	18.557
		80.38.158	FrigoCraft H250-A20.SZ4250.ZB045T.CS4 CDU	ZB-45	6,00	16.923	4.661	3,63	21.584
		80.48.108	FrigoCraft H160-A15.SZ4240.JT095G.DP4 CDU	JT95GBBY1L	3,00	10.420	2.844	3,66	13.264
	DAIKIN SCROL	80.48.138	FrigoCraft H190-A17.SZ4245.JT125G.DP4 CDU	JT125GBBY1L	4,00	12.996	3.839	3,39	16.835
		80.48.148	FrigoCraft H240-A20.SZ4250.JT160G.DP4 CDU	JT160GBBY1L	5,00	16.393	4.627	3,54	21.020
COLD STORAGE (-10/45°C EN12900/10K-SH)	EMBRACO	80.10.003	FrigoCraft M006-A11.SZ4135.NE6215.EP5 CDU	NEU6215GK	0,50	980	626	1,57	1.606
		80.10.008	FrigoCraft M008-A11.SZ4135.NT6220.EP5 CDU	NT6220GK	0,80	1019	648	1,57	1.667
		80.10.013	FrigoCraft M012-A11.SZ4135.NT6222.EP5 CDU	NT6222GK	1,00	1248	830	1,50	2.078
		80.10.018	FrigoCraft M016-A11.SZ4135.NT6226.EP5 CDU	NT6226GK	1,00	1661	971	1,71	2.632
		80.10.028	FrigoCraft M020-A11.SZ4135.NJ9232.EP5 CDU	NJ9232GK	1,30	1905	1088	1,75	2.993
		80.10.038	FrigoCraft M026-A12.SZ4140.NJ9238.EP5 CDU	NJ9238GK	1,50	2323	1499	1,55	3.822
		80.10.058	FrigoCraft M026-A12.SZ4140.NJ9238.EP4 CDU	NJ9238GS	1,50	2420	1315	1,84	3.735
		80.10.068	FrigoCraft M030-A12.SZ4140.MTZ022.DP4 CDU	MTZ-022	2,00	2.625	1.482	1,77	4.107
	DANFOSS MTZ HERMETIC	80.10.078	FrigoCraft M040-A12.SZ4140.MTZ028.DP4 CDU	MTZ-028	2,30	3.427	1.955	1,75	5.382
		80.10.088	FrigoCraft M055-A13.SZ4145.MTZ032.DP4 CDU	MTZ-032	2,70	3.983	2.160	1,84	6.143
		80.10.098	FrigoCraft M070-A13.SZ4145.MTZ036.DP4 CDU	MTZ-036	3,00	4.670	2.576	1,81	7.246
		80.10.108	FrigoCraft M080-A14.SZ4145.MTZ040.DP4 CDU	MTZ-040	3,30	5.333	2.948	1,81	8.281
		80.10.118	FrigoCraft M088-A14.SZ4145.MTZ044.DP4 CDU	MTZ-044	3,70	5.366	2.775	1,93	8.141
		80.10.128	FrigoCraft M100-A14.SZ4145.MTZ050.DP4 CDU	MTZ-050	4,20	6.256	3.218	1,94	9.474
		80.10.138	FrigoCraft M115-A14.SZ4150.MTZ056.DP4 CDU	MTZ-056	4,70	6.710	3.513	1,91	10.223
		80.10.148	FrigoCraft M135-A15.SZ4240.MTZ064.DP4 CDU	MTZ-064	5,30	7.982	4.204	1,90	12.186
		80.10.158	FrigoCraft M150-A17.SZ4245.MTZ072.DP4 CDU	MTZ-072	6,00	8.918	4.686	1,90	13.604
		80.10.168	FrigoCraft M160-A17.SZ4245.MTZ080.DP4 CDU	MTZ-080	6,70	10.466	5.609	1,87	16.075
		80.10.178	FrigoCraft M180-A20.SZ4250.MTZ100.DP4 CDU	MTZ-100	8,30	12.279	6.758	1,82	19.037



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Dimensions				Model
Condenser Capacity	Working ΔT	Electric Supply	Fan Information	Air Flow (m³/sa)	Condenser Surface Area			Model	Length	Cabin Width	Height	
(Watt)			(ad.xmm)	(m³/sa)	(m²)				(mm)	(mm)	(mm)	
11.516	9,60	380V - 50/60Hz	1x450	4.575	17,70	3/8"	1/2"	AS13	750	700	675	MTZ-022
15.315	9,29	380V - 50/60Hz	1X450	5.411	27,70	3/8"	1/2"	AS14	750	700	900	MTZ-028
17.810	9,01	380V - 50/60Hz	1X500	6.046	27,70	3/8"	5/8"	AS14	750	700	900	MTZ-032
20.465	9,01	380V - 50/60Hz	2X400	6.551	40,60	3/8"	5/8"	AS15	1.300	750	750	MTZ-036
20.465	10,10	380V - 50/60Hz	2X400	6.551	40,60	3/8"	5/8"	AS15	1.300	750	750	MTZ-040
20.465	10,45	380V - 50/60Hz	2X400	6.551	40,60	1/2"	7/8"	AS15	1.300	750	750	MTZ-044
25.313	9,87	380V - 50/60Hz	2x450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	MTZ-050
31.523	8,66	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	MTZ-056
31.523	10,28	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	MTZ-064
15.315	8,77	220V - 50Hz	1x450	4.575	27,70	3/8"	3/4"	AS14	750	700	900	AW7514Z
17.810	9,43	220V - 50Hz	1x500	6.191	27,70	3/8"	3/4"	AS14	750	700	900	AW9516Z
15.315	8,83	380V - 50/60Hz	1x450	4.575	27,70	3/8"	3/4"	AS14	750	700	900	AW5526Z-9
17.810	9,35	380V - 50/60Hz	1x500	6.191	27,70	3/8"	3/4"	AS14	750	700	900	AW5534Z-9
20.465	9,27	380V - 50/60Hz	2x400	6.551	40,60	3/8"	3/4"	AS15	1.300	750	750	AW5538Z-9
25.313	9,21	380V - 50/60Hz	2x450	9.510	40,70	3/8"	3/4"	AS17	1.350	750	750	AW5545Z-9
31.523	9,59	380V - 50/60Hz	2x500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	KA5558ZXG
31.523	10,65	380V - 50/60Hz	2x500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	KA5564ZXG
11.516	9,48	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	MLZ-015
15.315	9,90	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	AS14	750	700	900	MLZ-021
20.465	9,27	380V - 50/60Hz	2x400	6.551	40,60	3/8"	3/4"	AS15	1.300	750	750	MLZ-026
25.313	8,99	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	MLZ-030
31.523	8,62	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	MLZ-038
31.523	10,39	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	MLZ-045
11.516	9,61	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	ZB-15
15.315	8,93	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	AS14	750	700	900	ZB-19
15.315	10,35	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	AS14	750	700	900	ZB-21
25.313	8,72	380V - 50/60Hz	2x450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	ZB-29
31.523	8,83	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	ZB-38
31.523	10,27	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	AS20	1.400	750	800	ZB-45
20.465	9,72	380V - 50/60Hz	2x400	6.551	40,60	5/8"	7/8"	AS15	1.300	750	750	JT95GBBY1L
25.313	9,98	380V - 50/60Hz	2X450	9.510	40,70	5/8"	7/8"	AS17	1.350	750	750	JT125GBBY1L
31.523	10,00	380V - 50/60Hz	2X500	12.017	48,10	5/8"	7/8"	AS20	1.400	750	800	JT160GBBY1L
4.827	4,99	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NEU6215GK
4.827	5,18	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NT6220GK
4.827	6,46	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NT6222GK
4.827	8,18	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NT6226GK
4.827	9,30	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NJ9232GK
8.434	6,80	220V - 50Hz	1X400	2.962	14,70	1/4"	1/2"	AS12	650	700	675	NJ9238GK
8.434	6,64	380V - 50/60Hz	1x400	2.962	14,70	1/4"	1/2"	AS12	650	700	675	NJ9238GS
8.434	7,30	380V - 50/60Hz	1x400	2.962	14,70	3/8"	1/2"	AS12	650	700	675	MTZ-022
8.434	9,57	380V - 50/60Hz	1X400	2.962	14,70	3/8"	1/2"	AS12	650	700	675	MTZ-028
11.516	8,00	380V - 50/60Hz	1X450	4.575	17,70	3/8"	5/8"	AS13	750	700	675	MTZ-032
11.516	9,44	380V - 50/60Hz	1X450	4.575	17,70	3/8"	5/8"	AS13	750	700	675	MTZ-036
15.315	8,11	380V - 50/60Hz	1X450	5.411	27,70	3/8"	5/8"	AS14	750	700	900	MTZ-040
15.315	7,97	380V - 50/60Hz	1X450	5.411	27,70	1/2"	7/8"	AS14	750	700	900	MTZ-044
15.135	9,39	380V - 50/60Hz	1X450	5.411	27,70	1/2"	7/8"	AS14	750	700	900	MTZ-050
17.810	8,61	380V - 50/60Hz	1x500	6.046	27,70	1/2"	7/8"	AS14	750	700	900	MTZ-056
20.465	8,93	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	AS15	1.300	750	750	MTZ-064
25.313	8,06	380V - 50/60Hz	2x450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	MTZ-072
25.313	9,53	380V - 50/60Hz	2X450	9.510	40,70	5/8"	1 1/8"	AS17	1.350	750	750	MTZ-080
31.523	9,06	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	AS20	1.400	750	800	MTZ-100



# Frigocraft Open Split Type Technical Information

Test Conditions (R-404a)	Compressor Type	Device Product Code	Device Product Model	Compressor Information					Capacity for ΔT:15
				Modeli	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COLD STORAGE (-10/45°C EN12900/10K-SH)	KULTHORN HERMETIC	80.20.018	FrigoCraft M026-A12.SZ4140.WJ9490.KP5 CDU	WJ9490Z	1,30	2.345	1.215	1,93	3.560
		80.20.028	FrigoCraft M030-A12.SZ4140.WJ9513.KP5 CDU	WJ9513Z	1,50	3.050	1.703	1,79	4.753
		80.20.038	FrigoCraft M034-A12.SZ4140.AW7514.KP5 CDU	AW7514Z	2,00	3.650	1.901	1,92	5.551
		80.20.048	FrigoCraft M040-A13.SZ4145.AW9516.KP5 CDU	AW9516Z	2,50	4.396	2.254	1,95	6.650
		80.20.068	FrigoCraft M040-A12.SZ4140.AW5526.KP4 CDU	AW5526Z-9	2,00	3.800	1.152	3,30	4.952
		80.20.078	FrigoCraft M070-A13.SZ4145.AW5534.KP4 CDU	AW5534Z-9	2,50	4.375	1.603	2,73	5.978
		80.20.088	FrigoCraft M080-A13.SZ4145.AW5538.KP4 CDU	AW5538Z-9	3,00	5.300	2.284	2,32	7.584
		80.20.098	FrigoCraft M100-A14.SZ4145.AW5545.KP4 CDU	AW5545Z-9	4,00	6.100	2.877	2,12	8.977
		80.20.128	FrigoCraft M135-A14.SZ4150.KA5558.KP4 CDU	KA5558ZG	5,00	7.760	3.019	2,57	10.779
		80.20.148	FrigoCraft M150-A15.SZ4240.KA5564.KP4 CDU	KA5564ZG	6,00	9.370	3.549	2,64	12.919
	DANFOSS SCROLL	80.20.158	FrigoCraft M160-A17.SZ4245.KA5572.KP4 CDU	KA5572ZG	7,00	10.056	4.122	2,44	14.178
		80.20.168	FrigoCraft M180-A20.SZ4250.LA5590.KP4 CDU	LA5590ZG	8,00	12.182	5.857	2,08	18.039
		80.30.068	FrigoCraft M030-A12.SZ4140.MLZ015.DS4 CDU	MLZ-015	2,00	3.081	1.751	1,76	4.832
		80.30.098	FrigoCraft M070-A13.SZ4145.MLZ021.DS4 CDU	MLZ-021	3,00	4.405	2.274	1,94	6.679
		80.30.108	FrigoCraft M080-A14.SZ4145.MLZ026.DS4 CDU	MLZ-026	3,50	5.501	2.825	1,95	8.326
		80.30.138	FrigoCraft M115-A14.SZ4150.MLZ030.DS4 CDU	MLZ-030	4,00	6.614	3.336	1,98	9.950
		80.30.148	FrigoCraft M135-A15.SZ4240.MLZ038.DS4 CDU	MLZ-038	5,00	7.886	3.968	1,99	11.854
		80.30.158	FrigoCraft M150-A17.SZ4245.MLZ045.DS4 CDU	MLZ-045	6,00	9.481	4.812	1,97	14.293
		80.30.168	FrigoCraft M160-A17.SZ4245.MLZ048.DS4 CDU	MLZ-048	7,00	10.349	5.171	2,00	15.520
		80.30.178	FrigoCraft M180-A20.SZ4250.MLZ058.DS4 CDU	MLZ-058	7,50	11.981	6.214	1,93	18.195
	COPELAND SCROLL	80.40.068	FrigoCraft M030-A12.SZ4140.ZB015.CS4 CDU	ZB-15	2,00	3.115	1.821	1,71	4.936
		80.40.088	FrigoCraft M055-A13.SZ4145.ZB019.CS4 CDU	ZB-19	2,50	3.938	2.095	1,88	6.033
		80.40.098	FrigoCraft M070-A13.SZ4145.ZB021.CS4 CDU	ZB-21	3,00	4.642	2.505	1,85	7.147
		80.40.128	FrigoCraft M100-A14.SZ4145.ZB029.CS4 CDU	ZB-29	4,00	6.387	3.327	1,92	9.714
		80.40.148	FrigoCraft M135-A15.SZ4240.ZB038.CS4 CDU	ZB-38	5,00	8.058	4.198	1,92	12.256
		80.40.158	FrigoCraft M150-A17.SZ4245.ZB045.CS4 CDU	ZB-45	6,00	9.437	4.754	1,99	14.191
		80.40.168	FrigoCraft M160-A17.SZ4245.ZB048.CS4 CDU	ZB-48	7,00	10.380	5.229	1,99	15.609
		80.40.178	FrigoCraft M180-A20.SZ4250.ZB058.CS4 CDU	ZB-58	8,00	12.465	6.324	1,97	18.789
	DAIKIN SCROL	80.50.108	FrigoCraft M080-A14.SZ4145.JT095G.DP4 CDU	JT95G8BY1L	3,00	5.650	2.774	2,04	8.424
		80.50.138	FrigoCraft M115-A14.SZ4150.JT125G.DP4 CDU	JT125G8BY1L	4,00	6.812	3.750	1,82	10.562
		80.50.148	FrigoCraft M135-A15.SZ4240.JT160G.DP4 CDU	JT160G8BY1L	5,00	8.314	4.574	1,82	12.888
		80.50.168	FrigoCraft M160-A17.SZ4245.JT170G.DP4 CDU	JT170G8BY1L	7,00	9.014	4.980	1,81	13.994
		80.50.178	FrigoCraft M180-A20.SZ4250.JT212D.DP4 CDU	JT212DAY1	7,50	11.858	6.532	1,82	18.390
FROZEN STORAGE (-25/45°C EN12900/10K-SH)	EMBRACO	80.15.013	FrigoCraft L004-A11.SZ4135.NE2178.EP5 CDU	NEU2178GK	1,00	667	585	1,14	1.252
		80.15.018	FrigoCraft L006-A11.SZ4135.NT2192.EP5 CDU	NT2192GK	1,30	783	731	1,07	1.514
		80.15.028	FrigoCraft L010-A11.SZ4135.NT2212.EP5 CDU	NT2212GK	1,50	1.083	958	1,13	2.041
		80.15.038	FrigoCraft L010-A11.SZ4135.NJ2212.EP4 CDU	NJ2212GS	1,50	1.126	1.114	1,01	2.240
	DANFOSS NTZ HERMETIK	80.15.048	FrigoCraft L013-A11.SZ4135.NTZ048.DP4 CDU	NTZ-048	1,50	1.492	1.336	1,12	2.828
		80.15.058	FrigoCraft L024-A12.SZ4140.NTZ068.DP4 CDU	NTZ-068	2,00	2.444	2.090	1,17	4.534
		80.15.068	FrigoCraft L032-A12.SZ4140.NTZ096.DP4 CDU	NTZ-096	2,50	2.953	2.531	1,17	5.484
		80.15.078	FrigoCraft L040-A13.SZ4145.NTZ108.DP4 CDU	NTZ-108	3,00	3.580	2.947	1,21	6.527
		80.15.088	FrigoCraft L055-A14.SZ4145.NTZ136.DP4 CDU	NTZ-136	4,00	4.561	4.079	1,12	8.640
		80.15.108	FrigoCraft L085-A15.SZ4240.NTZ215.DP4 CDU	NTZ-215	6,00	7.049	5.944	1,19	12.993
		80.15.118	FrigoCraft L100-A17.SZ4245.NTZ271.DP4 CDU	NTZ-271	7,50	9.702	7.809	1,24	17.511
	KULTHORN HERMETIC	80.25.018	FrigoCraft L010-A11.SZ4135.AW2464.KP5 CDU	AW2464ZK	1,50	1.069	1.229	0,87	2.298
		80.25.028	FrigoCraft L014-A12.SZ4140.AW2495.KP5 CDU	AW2495ZK	2,00	1.464	1.785	0,82	3.249
		80.25.038	FrigoCraft L013-A11.SZ4135.AW2464.KP4 CDU	AW2464Z-9	1,50	1.411	1.125	1,25	2.536
		80.25.048	FrigoCraft L024-A12.SZ4140.AW2495.KP4 CDU	AW2495Z-9	2,00	2.045	1.500	1,36	3.545
		80.25.058	FrigoCraft L032-A12.SZ4140.AW2512.KP4 CDU	AW2512ZG	3,00	2.700	1.753	1,54	4.453
	DANFOSS LZ SCROLL	80.35.068	FrigoCraft L040-A13.SZ4145.LLZ013.DS4 CDU	LLZ-013	4,00	3.712	2.926	1,27	6.638
		80.35.078	FrigoCraft L055-A14.SZ4145.LLZ015.DS4 CDU	LLZ-015	5,00	4.468	3.460	1,29	7.928
		80.35.088	FrigoCraft L070-A14.SZ4145.LLZ018.DS4 CDU	LLZ-018	6,00	5.254	3.926	1,34	9.180
		80.35.098	FrigoCraft L085-A15.SZ4240.LLZ024.DS4 CDU	LLZ-024	8,00	6.712	4.933	1,36	11.645

Condenser and Fan Information						Liquid Line	Return Line	Cabin Dimensions				Model
Condenser Capacity	Working ΔT	Electricity Feeding	Fan Information	Air Volume (m³/sa)	Condenser Surface Area (m²)			Model	Length	Cabin Width	Height	
(Watt)			(ad.xmm)	(m³/sa)	(m²)				(mm)	(mm)	(mm)	
8.434	6,33	220V - 50Hz	1x400	2.962	14,70	3/8"	5/8"	AS12	650	700	675	WJ9490Z
8.434	8,45	220V - 50Hz	1x400	2.962	14,70	3/8"	5/8"	AS12	650	700	675	WJ9513Z
8.434	9,87	220V - 50Hz	1X400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	AW7514Z
11.516	8,66	220V - 50Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	AW9516Z
8.434	8,81	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	AW5526Z-9
11.516	7,79	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	AW5534Z-9
11.516	9,88	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	AW5538Z-9
15.315	8,79	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	AS14	750	700	900	AW5545Z-9
17.810	9,08	380V - 50/60Hz	1x500	6.046	27,70	1/2"	7/8"	AS14	750	700	900	KA5558ZXG
20.465	9,47	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	AS15	1.300	750	750	KA5564ZXG
25.313	8,40	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	KA5572ZXG
31.523	8,58	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	AS20	1.400	750	800	LA5590ZXG
8.434	8,59	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	MLZ-015
11.516	8,70	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	MLZ-021
15.315	8,15	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	AS14	750	700	900	MLZ-026
17.810	8,38	380V - 50/60Hz	1x500	6.046	27,70	1/2"	7/8"	AS14	750	700	900	MLZ-030
20.465	8,69	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	AS15	1.300	750	750	MLZ-038
25.313	8,47	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	MLZ-045
25.313	9,20	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	MLZ-048
31.523	8,66	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	AS20	1.400	750	800	MLZ-058
8.434	8,78	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	ZB-15
11.516	7,86	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	ZB-19
11.516	9,31	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	AS13	750	700	675	ZB-21
15.315	9,51	380V - 50/60Hz	1X450	5.411	27,70	1/2"	7/8"	AS14	750	700	900	ZB-29
20.465	8,98	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	AS15	1.300	750	750	ZB-38
25.313	8,41	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	AS17	1.350	750	750	ZB-45
25.313	9,25	380V - 50/60Hz	2X450	9.510	40,70	5/8"	1 1/8"	AS17	1.350	750	750	ZB-48
31.523	8,94	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	AS20	1.400	750	800	ZB-58
15.315	8,25	380V - 50/60Hz	1X450	5.411	27,70	5/8"	7/8"	AS14	750	700	900	JT95GBBY1L
17.810	8,90	380V - 50/60Hz	1x500	6.046	27,70	5/8"	7/8"	AS14	750	700	900	JT125GBBY1L
20.465	9,45	380V - 50/60Hz	2x400	6.551	40,60	5/8"	7/8"	AS15	1.300	750	750	JT160GBBY1L
25.313	8,29	380V - 50/60Hz	2x450	9.510	40,70	5/8"	7/8"	AS17	1.350	750	750	JT170GBBY1L
31.523	8,75	380V - 50/60Hz	2X500	12.017	48,10	3/4"	1"	AS20	1.400	750	800	JT212DAY1
4.827	3,89	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NEU2178GK
4.827	4,70	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NT2192GK
4.827	6,34	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NT2212GK
4.827	6,96	380V - 50/60Hz	1x350	2.477	7,20	1/4"	1/2"	AS11	550	700	600	NJ2212GS
4.827	8,79	380V - 50/60Hz	1x350	2.477	7,20	3/8"	5/8"	AS11	550	700	600	NTZ-048
8.434	8,06	380V - 50/60Hz	1x400	2.962	14,70	3/8"	5/8"	AS12	650	700	675	NTZ-068
8.434	9,75	380V - 50/60Hz	1X400	2.962	14,70	1/2"	7/8"	AS12	650	700	675	NTZ-096
11.516	8,50	380V - 50/60Hz	1X450	4.575	17,70	1/2"	7/8"	AS13	750	700	675	NTZ-108
15.315	8,46	380V - 50/60Hz	1X450	5.411	27,70	1/2"	1 1/8"	AS14	750	700	900	NTZ-136
20.465	9,52	380V - 50/60Hz	2x400	6.551	40,60	1/2"	1 1/8"	AS15	1.300	750	750	NTZ-215
25.313	10,38	380V - 50/60Hz	2X450	9.510	40,70	5/8"	1 1/8"	AS17	1.350	750	750	NTZ-271
4.827	7,14	220V - 50Hz	1x350	2.477	7,20	3/8"	3/4"	AS11	550	700	600	AW2464ZK
8.434	5,78	220V - 50Hz	1x400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	AW2495ZK
4.827	7,88	380V - 50/60Hz	1x350	2.477	7,20	3/8"	3/4"	AS11	550	700	600	AW2464Z-9
8.434	6,30	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	AW2495Z-9
8.434	7,92	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	AS12	650	700	675	AW2512ZXG
11.516	8,65	380V - 50/60Hz	1X450	4.575	17,70	1/2"	3/4"	AS13	750	700	675	LLZ-013
15.315	7,76	380V - 50/60Hz	1X450	5.411	27,70	1/2"	3/4"	AS14	750	700	900	LLZ-015
15.315	8,99	380V - 50/60Hz	1X450	5.411	27,70	1/2"	3/4"	AS14	750	700	900	LLZ-018
20.465	8,54	380V - 50/60Hz	2x400	6.551	40,60	5/8"	1 1/8"	AS15	1.300	750	750	LLZ-024



# Frigocraft Closed Split Type Technical Information

Test Conditions (R-404a)	Compressor Type	Product Code	Product Model	Compressor Information					Capacity for ΔT:15
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COOL STORAGE (+5/45°C EN12900/10K-SH)	DANFOSS HERMETIC	80.08.070	FrigoCraft H090-K03.SZ4145.MTZ022.DP4 CDU	MTZ-022	2,00	5.547	1.822	3,04	7.369
		80.08.080	FrigoCraft H140-K04.SZ4145.MTZ028.DP4 CDU	MTZ-028	2,30	7.036	2.446	2,88	9.482
		80.08.090	FrigoCraft H150-K04.SZ4150.MTZ032.DP4 CDU	MTZ-032	2,70	7.980	2.714	2,94	10.694
		80.08.100	FrigoCraft H160-K05.SZ4240.MTZ036.DP4 CDU	MTZ-036	3,00	9.101	3.192	2,85	12.293
		80.08.110	FrigoCraft H170-K05.SZ4240.MTZ040.DP4 CDU	MTZ-040	3,30	10.127	3.650	2,77	13.777
		80.08.120	FrigoCraft H175-K05.SZ4240.MTZ044.DP4 CDU	MTZ-044	3,70	10.885	3.378	3,22	14.263
		80.08.130	FrigoCraft H190-K07.SZ4245.MTZ050.DP4 CDU	MTZ-050	4,20	12.744	3.907	3,26	16.651
		80.08.140	FrigoCraft H200-K10.SZ4250.MTZ056.DP4 CDU	MTZ-056	4,70	13.843	4.361	3,17	18.204
		80.08.150	FrigoCraft H240-K10.SZ4250.MTZ064.DP4 CDU	MTZ-064	5,30	16.332	5.275	3,10	21.607
		80.08.160	FrigoCraft H290-K12.SZ4445.MTZ072.DP4 CDU	MTZ-072	6,00	17.966	5.870	3,06	23.836
	KULTHORN HERMETIC	80.08.170	FrigoCraft H310-K12.SZ4445.MTZ080.DP4 CDU	MTZ-080	6,70	20.240	7.005	2,89	27.245
		80.18.040	FrigoCraft H135-K04.SZ4145.AW7514.KP5 CDU	AW7514Z	2,00	6.600	2.357	2,80	8.957
		80.18.050	FrigoCraft H150-K04.SZ4150.AW9516.KP5 CDU	AW9516Z	2,50	8.000	3.200	2,50	11.200
		80.18.070	FrigoCraft H130-K04.SZ4145.AW5526.KP4 CDU	AW5526Z-9	2,00	6.872	2.148	3,20	9.020
		80.18.080	FrigoCraft H155-K04.SZ4150.AW5534.KP4 CDU	AW5534Z-9	2,50	8.350	2.756	3,03	11.106
		80.18.090	FrigoCraft H165-K05.SZ4240.AW5538.KP4 CDU	AW5538Z-9	3,00	9.416	3.225	2,92	12.641
		80.18.100	FrigoCraft H180-K07.SZ4245.AW5545.KP4 CDU	AW5545Z-9	4,00	11.500	4.049	2,84	15.549
		80.18.130	FrigoCraft H220-K10.SZ4250.KA5558.KP4 CDU	KA5558ZXC	5,00	15.627	4.530	3,45	20.157
		80.18.150	FrigoCraft H280-K10.SZ4250.KA5564.KP4 CDU	KA5564ZXC	6,00	17.242	5.147	3,35	22.389
		80.18.160	FrigoCraft H310-K12.SZ4445.KA5572.KP4 CDU	KA5572ZXC	7,00	20.037	6.443	3,11	26.480
	DANFOSS SCROLL	80.18.170	FrigoCraft H340-K12.SZ4450.LA5590.KP4 CDU	LA5590ZXC	8,00	22.581	7.452	3,03	30.033
		80.28.070	FrigoCraft H090-K03.SZ4145.MLZ015.DS4 CDU	MLZ-015	2,00	5.619	1.661	3,38	7.280
		80.28.100	FrigoCraft H135-K04.SZ4145.MLZ.021.DS4 CDU	MLZ-021	3,00	7.877	2.236	3,52	10.113
		80.28.110	FrigoCraft H160-K05.SZ4240.MLZ.026.DS4 CDU	MLZ-026	3,50	9.843	2.803	3,51	12.646
		80.28.140	FrigoCraft H180-K07.SZ4245.MLZ.030.DS4 CDU	MLZ-030	4,00	11.857	3.313	3,58	15.170
		80.28.150	FrigoCraft H200-K10.SZ4250.MLZ.038.DS4 CDU	MLZ-038	5,00	14.138	3.984	3,55	18.122
		80.28.160	FrigoCraft H250-K10.SZ4250.MLZ.045.DS4 CDU	MLZ-045	6,00	17.008	4.822	3,53	21.830
		80.28.170	FrigoCraft H285-K12.SZ4445.MLZ.048.DS4 CDU	MLZ-048	7,00	18.540	5.141	3,61	23.681
		80.28.180	FrigoCraft H340-K12.SZ4450.MLZ.058.DS4 CDU	MLZ-058	7,50	22.245	6.244	3,56	28.489
	COPELAND SCROLL	80.38.070	FrigoCraft H090-K03.SZ4145.ZB015T.CS4 CDU	ZB-15	2,00	5.691	1.690	3,37	7.381
		80.38.090	FrigoCraft H120-K04.SZ4145.ZB019T.CS4 CDU	ZB-19	2,50	7.067	2.054	3,44	9.121
		80.38.100	FrigoCraft H140-K04.SZ4145.ZB021T.CS4 CDU	ZB-21	3,00	8.108	2.459	3,30	10.567
		80.38.130	FrigoCraft H180-K07.SZ4245.ZB029T.CS4 CDU	ZB-29	4,00	11.449	3.264	3,51	14.713
		80.38.150	FrigoCraft H200-K10.SZ4250.ZB038T.CS4 CDU	ZB-38	5,00	14.436	4.121	3,50	18.557
		80.38.160	FrigoCraft H250-K10.SZ4250.ZB045T.CS4 CDU	ZB-45	6,00	16.923	4.661	3,63	21.584
		80.38.170	FrigoCraft H285-K12.SZ4445.ZB048T.CS4 CDU	ZB-48	7,00	18.619	5.130	3,63	23.749
		80.38.180	FrigoCraft H340-K12.SZ4450.ZB058T.CS4 CDU	ZB-58	8,00	22.448	6.397	3,51	28.845
	DAIKIN SCROLL	80.48.110	FrigoCraft H160-K05.SZ4240.JT95G.DP4 CDU	JT95G8BY1L	3,00	10.420	2.844	3,66	13.264
		80.48.140	FrigoCraft H190-K07.SZ4245.JT125G.DP4 CDU	JT125G8BY1L	4,00	12.996	3.839	3,39	16.835
		80.48.150	FrigoCraft H240-K10.SZ4250.JT160G.DP4 CDU	JT160G8BY1L	5,00	16.393	4.627	3,54	21.020
		80.48.170	FrigoCraft H285-K12.SZ4445.JT170G.DP4 CDU	JT170G8BY1L	7,00	17.371	5.038	3,45	22.409
		80.48.180	FrigoCraft H340-K12.SZ4450.JT212D.DP4 CDU	JT212DAY1	7,50	23.322	6.655	3,50	29.977
COLD STORAGE (-10/45°C EN12900/10K-SH)	EMBRACO	80.10.005	FrigoCraft M006-K01.SZ4135.NE6215.EP5 CDU	NEU6215GK	0,50	980	626	1,57	1.606
		80.10.010	FrigoCraft M008-K01.SZ4135.NT6220.EP5 CDU	NT6220GK	0,80	1.019	648	1,57	1.667
		80.10.015	FrigoCraft M012-K01.SZ4135.NT6222.EP5 CDU	NT6222GK	1,00	1.248	830	1,50	2.078
		80.10.020	FrigoCraft M016-K01.SZ4135.NT6226.EP5 CDU	NT6226GK	1,00	1.661	971	1,71	2.632
		80.10.030	FrigoCraft M020-K01.SZ4135.NJ9232.EP5 CDU	NJ9232GK	1,30	1.905	1.088	1,75	2.993
		80.10.040	FrigoCraft M026-K02.SZ4140.NJ9238.EP5 CDU	NJ9238GK	1,50	2.323	1.499	1,55	3.822
		80.10.060	FrigoCraft M026-K02.SZ4140.NJ9238.EP4 CDU	NJ9238GS	1,50	2.420	1.315	1,84	3.735
	DANFOSS MTZ HERMETIC	80.10.070	FrigoCraft M030-K02.SZ4140.MTZ022.DP4 CDU	MTZ-022	2,00	2.625	1.482	1,77	4.107
		80.10.080	FrigoCraft M040-K02.SZ4140.MTZ028.DP4 CDU	MTZ-028	2,30	3.427	1.955	1,75	5.382
		80.10.090	FrigoCraft M055-K03.SZ4145.MTZ032.DP4 CDU	MTZ-032	2,70	3.983	2.160	1,84	6.143
		80.10.100	FrigoCraft M070-K03.SZ4145.MTZ036.DP4 CDU	MTZ-036	3,00	4.670	2.576	1,81	7.246
		80.10.110	FrigoCraft M080-K04.SZ4145.MTZ040.DP4 CDU	MTZ-040	3,30	5.333	2.948	1,81	8.281
		80.10.120	FrigoCraft M088-K04.SZ4145.MTZ044.DP4 CDU	MTZ-044	3,70	5.366	2.775	1,93	8.141
		80.10.130	FrigoCraft M100-K04.SZ4145.MTZ050.DP4 CDU	MTZ-050	4,20	6.256	3.218	1,94	9.474



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Information					Model
Condenser Capacity	Working ΔT	Electric Supply	Fan Information	Air Volume (m³/sa)	Condenser Surface Area (m²)			Model	Length	Cabin Width	Cabin Width with Bracket	Height	
(Watt)			(ad.xmm)	(m³/sa)	(m²)						(mm)		
11.516	9,60	380V - 50/60Hz	1x450	4.575	17,70	3/8"	1/2"	K03	1.150	450	525	555	MTZ-022
15.315	9,29	380V - 50/60Hz	1X450	5.411	27,70	3/8"	1/2"	K04	1.150	450	525	805	MTZ-028
17.810	9,01	380V - 50/60Hz	1X500	6.046	27,70	3/8"	5/8"	K04	1.150	450	525	805	MTZ-032
20.465	9,01	380V - 50/60Hz	2X400	6.551	40,60	3/8"	5/8"	K05	1.150	450	525	1.155	MTZ-036
20.465	10,10	380V - 50/60Hz	2X400	6.551	40,60	3/8"	5/8"	K05	1.150	450	525	1.155	MTZ-040
20.465	10,45	380V - 50/60Hz	2X400	6.551	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	MTZ-044
25.313	9,87	380V - 50/60Hz	2x450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MTZ-050
31.523	8,66	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MTZ-056
31.523	10,28	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MTZ-064
38.210	9,36	380V - 50/60Hz	4X450	19.020	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	MTZ-072
44.080	9,27	380V - 50/60Hz	4X500	24.034	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MTZ-080
15.315	8,77	220V - 50Hz	1x450	4.575	27,70	3/8"	3/4"	K04	1.150	450	525	805	AW7514Z
17810	9,43	220V - 50Hz	1x500	6191	27,70	3/8"	3/4"	K04	1.150	450	525	805	AW9516Z
15.315	8,83	380V - 50/60Hz	1x450	4.575	27,70	3/8"	3/4"	K04	1.150	450	525	805	AW5526Z-9
17810	9,35	380V - 50/60Hz	1x500	6191	27,70	3/8"	3/4"	K04	1.150	450	525	805	AW5534Z-9
20.465	9,27	380V - 50/60Hz	2x400	6.551	40,60	3/8"	3/4"	K05	1.150	450	525	1.155	AW5538Z-9
25313	9,21	380V - 50/60Hz	2x450	9510	40,70	3/8"	3/4"	K07	1.150	450	525	1.155	AW5545Z-9
31.523	9,59	380V - 50/60Hz	2x500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	KA5558ZXG
31523	10,65	380V - 50/60Hz	2x500	12017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	KA5564ZXG
38.210	10,40	380V - 50/60Hz	4x500	24.034	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	KA5572ZXG
44080	10,22	380V - 50/60Hz	4X500	24034	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	LA5590ZXG
11.516	9,48	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	MLZ-015
15.315	9,90	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	K04	1.150	450	525	805	MLZ-021
20.465	9,27	380V - 50/60Hz	2x400	6.551	40,60	3/8"	3/4"	K05	1.150	450	525	1.155	MLZ-026
25.313	8,99	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MLZ-030
31.523	8,62	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MLZ-038
31.523	10,39	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MLZ-045
38.210	9,30	380V - 50/60Hz	4X450	19.020	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	MLZ-048
44.080	9,69	380V - 50/60Hz	4X500	24.034	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MLZ-058
11.516	9,61	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	ZB-15
15.315	8,93	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	K04	1.150	450	525	805	ZB-19
15.315	10,35	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	K04	1.150	450	525	805	ZB-21
25.313	8,72	380V - 50/60Hz	2x450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	ZB-29
31.523	8,83	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	ZB-38
31.523	10,27	380V - 50/60Hz	2X500	12.017	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	ZB-45
38.210	9,32	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	ZB-48
44.080	9,82	380V - 50/60Hz	4X500	24.034	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	ZB-58
20.465	9,72	380V - 50/60Hz	2x400	6.551	40,60	5/8"	7/8"	K05	1.150	450	525	1.155	JT95GBBY1L
25.313	9,98	380V - 50/60Hz	2X450	9.510	40,70	5/8"	7/8"	K07	1.150	450	525	1.155	JT125GBBY1L
31.523	10,00	380V - 50/60Hz	2X500	12.017	48,10	5/8"	7/8"	K10	1.150	450	525	1.255	JT160GBBY1L
38.210	8,80	380V - 50/60Hz	4X500	24.034	80,28	5/8"	7/8"	K12	2.215	450	525	1.155	JT170GBBY1L
44.080	10,20	380V - 50/60Hz	4X450	19.020	80,28	3/4"	1"	K12	2.215	450	525	1.155	JT212DAY1
4.827	4,99	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NEU6215GK
4.827	5,18	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NT6220GK
4.827	6,46	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NT6222GK
4.827	8,18	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NT6226GK
4.827	9,30	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NJ9232GK
8.434	6,80	220V - 50Hz	1X400	2.962	14,70	1/4"	1/2"	K02	1.050	450	525	555	NJ9238GK
8.434	6,64	380V - 50/60Hz	1x400	2.962	14,70	1/4"	1/2"	K02	1.050	450	525	555	NJ9238GS
8.434	7,30	380V - 50/60Hz	1x400	2.962	14,70	3/8"	1/2"	K02	1.050	450	525	555	MTZ-022
8.434	9,57	380V - 50/60Hz	1X400	2.962	14,70	3/8"	1/2"	K02	1.050	450	525	555	MTZ-028
11.516	8,00	380V - 50/60Hz	1X450	4.575	17,70	3/8"	5/8"	K03	1.150	450	525	555	MTZ-032
11.516	9,44	380V - 50/60Hz	1X450	4.575	17,70	3/8"	5/8"	K03	1.150	450	525	555	MTZ-036
15.315	8,11	380V - 50/60Hz	1X450	5.411	27,70	3/8"	5/8"	K04	1.150	450	525	805	MTZ-040
15.315	7,97	380V - 50/60Hz	1X450	5.411	27,70	1/2"	7/8"	K04	1.150	450	525	805	MTZ-044
15.135	9,39	380V - 50/60Hz	1X450	5.411	27,70	1/2"	7/8"	K04	1.150	450	525	805	MTZ-050

# Frigocraft Closed Split Type Technical Information

Test Conditions (R-404a)	Compressor Type	Product Code	Device Product Model	Compressor Information					Capacity I ΔT:15
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COLD STORAGE (-10/45°C EN12900/10k-SH)	DANFOSS MTZ HERMETIC	80.10.140	FrigoCraft M115-K04.SZ4150.MTZ056.DP4 CDU	MTZ-056	4,70	6.710	3.513	1,91	10.223
		80.10.150	FrigoCraft M135-K05.SZ4240.MTZ064.DP4 CDU	MTZ-064	5,30	7.982	4.204	1,90	12.186
		80.10.160	FrigoCraft M150-K07.SZ4245.MTZ072.DP4 CDU	MTZ-072	6,00	8.918	4.686	1,90	13.604
		80.10.170	FrigoCraft M160-K07.SZ4245.MTZ080.DP4 CDU	MTZ-080	6,70	10.466	5.609	1,87	16.075
		80.10.180	FrigoCraft M180-K10.SZ4250.MTZ100.DP4 CDU	MTZ-100	8,30	12.279	6.758	1,82	19.037
		80.10.200	FrigoCraft M220-K12.SZ4445.MTZ125.DP4 CDU	MTZ-125	10,50	15.708	8.439	1,86	24.147
		80.10.210	FrigoCraft M270-K12.SZ4450.MTZ144.DP4 CDU	MTZ-144	12,00	18.494	9.778	1,89	28.272
		80.10.220	FrigoCraft M300-K12.SZ4450.MTZ160.DP4 CDU	MTZ-160	13,30	20.305	11.076	1,83	31.381
	KULTHORN HERMETIC	80.20.020	FrigoCraft M026-K02.SZ4140.WJ9490.KP5 CDU	WJ9490Z	1,30	2.345	1.215	1,93	3.560
		80.20.030	FrigoCraft M030-K02.SZ4140.WJ9513.KP5 CDU	WJ9513Z	1,50	3.050	1.703	1,79	4.753
		80.20.040	FrigoCraft M034-K02.SZ4140.AW7514.KP5 CDU	AW7514Z	2,00	3.650	1.901	1,92	5.551
		80.20.050	FrigoCraft M040-K03.SZ4145.AW9516.KP5 CDU	AW9516Z	2,50	4.396	2.254	1,95	6.650
		80.20.070	FrigoCraft M040-K02.SZ4140.AW5526.KP4 CDU	AW5526Z-9	2,00	3.800	1.152	3,30	4.952
		80.20.080	FrigoCraft M070-K03.SZ4145.AW5534.KP4 CDU	AW5534Z-9	2,50	4.375	1.603	2,73	5.978
		80.20.090	FrigoCraft M080-K03.SZ4145.AW5538.KP4 CDU	AW5538Z-9	3,00	5.300	2.284	2,32	7.584
		80.20.100	FrigoCraft M100-K04.SZ4145.AW5545.KP4 CDU	AW5545Z-9	4,00	6.100	2.877	2,12	8.977
		80.20.130	FrigoCraft M135-K04.SZ4150.KA5558.KP4 CDU	KA5558ZXG	5,00	7.760	3.019	2,57	10.779
		80.20.150	FrigoCraft M150-K05.SZ4240.KA5564.KP4 CDU	KA5564ZXG	6,00	9.370	3.549	2,64	12.919
		80.20.160	FrigoCraft M160-K07.SZ4245.KA5572.KP4 CDU	KA5572ZXG	7,00	10.056	4.122	2,44	14.178
		80.20.170	FrigoCraft M180-K10.SZ4250.LA5590.KP4 CDU	LA5590ZXG	8,00	12.182	5.857	2,08	18.039
		80.20.190	FrigoCraft M200-K12.SZ4445.LA5610.KP4 CDU	LA5610ZXG	9,00	14.964	7.299	2,05	22.263
		80.20.200	FrigoCraft M220-K12.SZ4445.LA5612.KP4 CDU	LA5612ZXG	10,00	15.370	7.964	1,93	23.334
	DANFOSS SCROLL	80.30.070	FrigoCraft M030-K02.SZ4140.MLZ015.DS4 CDU	MLZ-015	2,00	3.081	1.751	1,76	4.832
		80.30.100	FrigoCraft M070-K03.SZ4145.MLZ021.DS4 CDU	MLZ-021	3,00	4.405	2.274	1,94	6.679
		80.30.110	FrigoCraft M080-K04.SZ4145.MLZ026.DS4 CDU	MLZ-026	3,50	5.501	2.825	1,95	8.326
		80.30.140	FrigoCraft M115-K04.SZ4150.MLZ030.DS4 CDU	MLZ-030	4,00	6.614	3.336	1,98	9.950
		80.30.150	FrigoCraft M135-K05.SZ4240.MLZ038.DS4 CDU	MLZ-038	5,00	7.886	3.968	1,99	11.854
		80.30.160	FrigoCraft M150-K07.SZ4245.MLZ045.DS4 CDU	MLZ-045	6,00	9.481	4.812	1,97	14.293
		80.30.170	FrigoCraft M160-K07.SZ4245.MLZ048.DS4 CDU	MLZ-048	7,00	10.349	5.171	2,00	15.520
		80.30.180	FrigoCraft M180-K10.SZ4250.MLZ058.DS4 CDU	MLZ-058	7,50	11.981	6.214	1,93	18.195
		80.30.190	FrigoCraft M200-K12.SZ4445.MLZ066.DS4 CDU	MLZ-066	9,00	14.171	6.921	2,05	21.092
		80.30.200	FrigoCraft M220-K12.SZ4445.MLZ076.DS4 CDU	MLZ-076	10,00	16.158	7.927	2,04	24.085
	COPELAND SCROLL	80.40.070	FrigoCraft M030-K02.SZ4140.ZB015.CS4 CDU	ZB-15	2,00	3.115	1.821	1,71	4.936
		80.40.090	FrigoCraft M055-K03.SZ4145.ZB019.CS4 CDU	ZB-19	2,50	3.938	2.095	1,88	6.033
		80.40.100	FrigoCraft M070-K03.SZ4145.ZB021.CS4 CDU	ZB-21	3,00	4.642	2.505	1,85	7.147
		80.40.130	FrigoCraft M100-K04.SZ4145.ZB029.CS4 CDU	ZB-29	4,00	6.387	3.327	1,92	9.714
		80.40.150	FrigoCraft M135-K05.SZ4240.ZB038.CS4 CDU	ZB-38	5,00	8.058	4.198	1,92	12.256
		80.40.160	FrigoCraft M150-K07.SZ4245.ZB045.CS4 CDU	ZB-45	6,00	9.437	4.754	1,99	14.191
		80.40.170	FrigoCraft M160-K07.SZ4245.ZB048.CS4 CDU	ZB-48	7,00	10.380	5.229	1,99	15.609
		80.40.180	FrigoCraft M180-K10.SZ4250.ZB058.CS4 CDU	ZB-58	8,00	12.465	6.324	1,97	18.789
		80.40.200	FrigoCraft M220-K12.SZ4445.ZB076.CS4 CDU	ZB-76	10,00	16.687	8.221	2,03	24.908



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Information					Model
Condenser Capacity	Working ΔT	Electric Supply	Fan Information	Air Volume (m³/sa)	Condenser Surface Area (m²)			Model	Length	Cabin Width	Cabin Width With Bracket	Height	
(Watt)			(ad.xmm)	(m³/sa)	(m²)				(mm)	(mm)	(mm)	(mm)	
17.810	8,61	380V - 50/60Hz	1x500	6.046	27,70	1/2"	7/8"	K04	1.150	450	525	805	MTZ-056
20.465	8,93	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	MTZ-064
25.313	8,06	380V - 50/60Hz	2x450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MTZ-072
25.313	9,53	380V - 50/60Hz	2X450	9.510	40,70	5/8"	1 1/8"	K07	1.150	450	525	1.155	MTZ-080
31.523	9,06	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	MTZ-100
38.210	9,48	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MTZ-125
44.080	9,62	380V - 50/60Hz	4x500	24.034	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MTZ-144
44.080	10,68	380V - 50/60Hz	4x500	24.034	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MTZ-160
8.434	6,33	220V - 50Hz	1x400	2.962	14,70	3/8"	5/8"	K02	1.050	450	525	555	WJ9490Z
8.434	8,45	220V - 50Hz	1x400	2.962	14,70	3/8"	5/8"	K02	1.050	450	525	555	WJ9513Z
8.434	9,87	220V - 50Hz	1X400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	AW7514Z
11.516	8,66	220V - 50Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	AW9516Z
8.434	8,81	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	AW5526Z-9
11.516	7,79	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	AW5534Z-9
11.516	9,88	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	AW5538Z-9
15.315	8,79	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	K04	1.150	450	525	805	AW5545Z-9
17.810	9,08	380V - 50/60Hz	1x500	6.046	27,70	1/2"	7/8"	K04	1.150	450	525	805	KA5558ZXG
20.465	9,47	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	KA5564ZXG
25.313	8,40	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	KA5572ZXG
31.523	8,58	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	LA5590ZXG
38.210	8,74	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	LA5610ZXG
38.210	9,16	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	LA5612ZXG
8.434	8,59	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	MLZ-015
11.516	8,70	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	MLZ-021
15.315	8,15	380V - 50/60Hz	1X450	5.411	27,70	3/8"	3/4"	K04	1.150	450	525	805	MLZ-026
17.810	8,38	380V - 50/60Hz	1x500	6.046	27,70	1/2"	7/8"	K04	1.150	450	525	805	MLZ-030
20.465	8,69	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	MLZ-038
25.313	8,47	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MLZ-045
25.313	9,20	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MLZ-048
31.523	8,66	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	MLZ-058
38.210	8,28	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MLZ-066
38.210	9,45	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	MLZ-076
8.434	8,78	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	ZB-15
11.516	7,86	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	ZB-19
11.516	9,31	380V - 50/60Hz	1X450	4.575	17,70	3/8"	3/4"	K03	1.150	450	525	555	ZB-21
15.315	9,51	380V - 50/60Hz	1X450	5.411	27,70	1/2"	7/8"	K04	1.150	450	525	805	ZB-29
20.465	8,98	380V - 50/60Hz	2x400	6.551	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	ZB-38
25.313	8,41	380V - 50/60Hz	2X450	9.510	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	ZB-45
25.313	9,25	380V - 50/60Hz	2X450	9.510	40,70	5/8"	1 1/8"	K07	1.150	450	525	1.155	ZB-48
31.523	8,94	380V - 50/60Hz	2X500	12.017	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	ZB-58
38.210	9,78	380V - 50/60Hz	4X450	19.020	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	ZB-76

# Frigocraft Closed Split Type Technical Information

Test Conditions (R-404a)	Compressor Type	Product Code	Device Product Model	Compressor Information					Capacity for $\Delta T:15$
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COLD STORAGE (-10/45°C EN12900/10K-SH) /10K-SH	DAIKIN SCROLL	80.50.110	FrigoCraft M080-K04.SZ4145.JT095G.DP4 CDU	JT95GBBY1L	3,00	5.650	2.774	2,04	8.424
		80.50.140	FrigoCraft M115-K04.SZ4150.JT125G.DP4 CDU	JT125GBBY1L	4,00	6.812	3.750	1,82	10.562
		80.50.150	FrigoCraft M135-K05.SZ4240.JT160G.DP4 CDU	JT160GBBY1L	5,00	8.314	4.574	1,82	12.888
		80.50.170	FrigoCraft M160-K07.SZ4245.JT170G.DP4 CDU	JT170GBBY1L	7,00	9.014	4.980	1,81	13.994
		80.50.180	FrigoCraft M180-K07.SZ4250.JT212D.DP4 CDU	JT212DAY1	7,50	11.858	6.532	1,82	18.390
		80.50.190	FrigoCraft M200-K10.SZ4445.JT236D.DP4 CDU	JT236DAYE	8,00	14.069	7.172	1,96	21.241
		80.50.200	FrigoCraft M220-K12.SZ4445.JT265D.DP4 CDU	JT265DAY1	9,00	15.520	7.725	2,01	23.245
		80.50.210	FrigoCraft M270-K12.SZ4450.JT300D.DP4 CDU	JT300DA-Y1L	10,00	17.489	8.977	1,95	26.466
		80.50.220	FrigoCraft M300-K12.SZ4450.JT335D.DP4 CDU	JT335DA-Y1L	12,00	20.373	10.141	2,01	30.514
FROZEN STORAGE (-25/45°C EN12900/10K-SH)	EMBRACO	80.15.015	FrigoCraft L004-K01.SZ4135.NE2178.EP5 CDU	NEU2178GK	1,00	667	585	1,14	1.252
		80.15.020	FrigoCraft L006-K01.SZ4135.NT2192.EP5 CDU	NT2192GK	1,30	783	731	1,07	1.514
		80.15.030	FrigoCraft L010-K01.SZ4135.NT2212.EP5 CDU	NT2212GK	1,50	1.083	958	1,13	2.041
		80.15.040	FrigoCraft L010-K01.SZ4135.NJ2212.EP4 CDU	NJ2212GS	1,50	1.126	1.114	1,01	2.240
		80.15.050	FrigoCraft L013-K01.SZ4135.NTZ048.DP4 CDU	NTZ-048	1,50	1.492	1.336	1,12	2.828
	DANFOSS NTZ HERMETIC	80.15.060	FrigoCraft L024-K02.SZ4140.NTZ068.DP4 CDU	NTZ-068	2,00	2.444	2.090	1,17	4.534
		80.15.070	FrigoCraft L032-K02.SZ4140.NTZ096.DP4 CDU	NTZ-096	2,50	2.953	2.531	1,17	5.484
		80.15.080	FrigoCraft L040-K03.SZ4145.NTZ108.DP4 CDU	NTZ-108	3,00	3.580	2.947	1,21	6.527
		80.15.090	FrigoCraft L055-K04.SZ4145.NTZ136.DP4 CDU	NTZ-136	4,00	4.561	4.079	1,12	8.640
		80.15.110	FrigoCraft L085-K05.SZ4240.NTZ215.DP4 CDU	NTZ-215	6,00	7.049	5.944	1,19	12.993
		80.15.120	FrigoCraft L100-K07.SZ4245.NTZ271.DP4 CDU	NTZ-271	7,50	9.702	7.809	1,24	17.511
	KULTHORN HERMETIC	80.25.020	FrigoCraft L010-K01.SZ4135.AW2464.KP5 CDU	AW2464ZK	1,50	1.069	1.229	0,87	2.298
		80.25.030	FrigoCraft L014-K02.SZ4140.AW2495.KP5 CDU	AW2495ZK	2,00	1.464	1.785	0,82	3.249
		80.25.040	FrigoCraft L013-K01.SZ4135.AW2464.KP4 CDU	AW2464Z-9	1,50	1.411	1.125	1,25	2.536
		80.25.050	FrigoCraft L024-K02.SZ4140.AW2495.KP4 CDU	AW2495Z-9	2,00	2.045	1.500	1,36	3.545
		80.25.060	FrigoCraft L032-K02.SZ4140.AW2512.KP4 CDU	AW2512ZXG	3,00	2.700	1.753	1,54	4.453
		80.35.070	FrigoCraft L040-K03.SZ4145.LLZ013.DS4 CDU	LLZ-013	4,00	3.712	2.926	1,27	6.638
	DANFOSS LLZ SCROLL	80.35.080	FrigoCraft L055-K04.SZ4145.LLZ015.DS4 CDU	LLZ-015	5,00	4.468	3.460	1,29	7.928
		80.35.090	FrigoCraft L070-K04.SZ4145.LLZ018.DS4 CDU	LLZ-018	6,00	5.254	3.926	1,34	9.180
		80.35.100	FrigoCraft L085-K05.SZ4240.LLZ024.DS4 CDU	LLZ-024	8,00	6.712	4.933	1,36	11.645



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Information					Model
Condenser Capacity	Working $\Delta T$	Electric Supply	Fan Information	Air Volume (m <sup>3</sup> /sa)	Condenser Surface Area (m <sup>2</sup> )			Model	Length	Cabin Width	Cabin Width With Bracket	Height	
(Watt)			(ad.xmm)	(m <sup>3</sup> /sa)	(m <sup>2</sup> )				(mm)	(mm)	(mm)	(mm)	
15.315	8,25	380V - 50/60Hz	1X450	5.411	27,70	5/8"	7/8"	K04	1.150	450	525	805	JT95GBBY1L
17.810	8,90	380V - 50/60Hz	1x500	6.046	27,70	5/8"	7/8"	K04	1.150	450	525	805	JT125GBBY1L
20.465	9,45	380V - 50/60Hz	2x400	6.551	40,60	5/8"	7/8"	K05	1.150	450	525	1.155	JT160GBBY1L
25.313	8,29	380V - 50/60Hz	2x450	9.510	40,70	5/8"	7/8"	K07	1.150	450	525	1.155	JT170GBBY1L
31.523	8,75	380V - 50/60Hz	2X500	12.017	48,10	3/4"	1"	K10	1.150	450	525	1.255	JT212DAY1
38.210	8,34	380V - 50/60Hz	4X450	19.020	80,28	3/4"	1 3/8"	K12	2.215	450	525	1.155	JT236DAYE
38.210	9,13	380V - 50/60Hz	4X450	19.020	80,28	3/4"	1 3/8"	K12	2.215	450	525	1.155	JT265DAY1
44.080	9,01	380V - 50/60Hz	4x500	24.034	80,28	3/4"	1 3/8"	K12	2.215	450	525	1.155	JT300DA-Y1L
44.080	10,38	380V - 50/60Hz	4x500	24.034	80,28	3/4"	1 3/8"	K12	2.215	450	525	1.155	JT335DA-Y1L
4.827	3,89	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NEU2178GK
4.827	4,70	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NT2192GK
4.827	6,34	220V - 50Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NT2212GK
4.827	6,96	380V - 50/60Hz	1x350	2.477	7,20	1/4"	1/2"	K01	960	450	525	505	NJ2212GS
4.827	8,79	380V - 50/60Hz	1x350	2.477	7,20	3/8"	5/8"	K01	960	450	525	505	NTZ-048
8.434	8,06	380V - 50/60Hz	1x400	2.962	14,70	3/8"	5/8"	K02	1.050	450	525	555	NTZ-068
8.434	9,75	380V - 50/60Hz	1X400	2.962	14,70	1/2"	7/8"	K02	1.050	450	525	555	NTZ-096
11.516	8,50	380V - 50/60Hz	1X450	4.575	17,70	1/2"	7/8"	K03	1.150	450	525	555	NTZ-108
15.315	8,46	380V - 50/60Hz	1X450	5.411	27,70	1/2"	1 1/8"	K04	1.150	450	525	805	NTZ-136
20.465	9,52	380V - 50/60Hz	2x400	6.551	40,60	1/2"	1 1/8"	K05	1.150	450	525	1.155	NTZ-215
25.313	10,38	380V - 50/60Hz	2X450	9.510	40,70	5/8"	1 1/8"	K07	1.150	450	525	1.155	NTZ-271
4.827	7,14	220V - 50Hz	1x350	2.477	7,20	3/8"	3/4"	K01	960	450	525	505	AW2464ZK
8.434	5,78	220V - 50Hz	1x400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	AW2495ZK
4.827	7,88	380V - 50/60Hz	1x350	2.477	7,20	3/8"	3/4"	K01	960	450	525	505	AW2464Z-9
8.434	6,30	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	AW2495Z-9
8.434	7,92	380V - 50/60Hz	1x400	2.962	14,70	3/8"	3/4"	K02	1.050	450	525	555	AW2512ZXG
11.516	8,65	380V - 50/60Hz	1X450	4.575	17,70	1/2"	3/4"	K03	1.150	450	525	555	LLZ-013
15.315	7,76	380V - 50/60Hz	1X450	5.411	27,70	1/2"	3/4"	K04	1.150	450	525	805	LLZ-015
15.315	8,99	380V - 50/60Hz	1X450	5.411	27,70	1/2"	3/4"	K04	1.150	450	525	805	LLZ-018
20.465	8,54	380V - 50/60Hz	2x400	6.551	40,60	5/8"	1 1/8"	K05	1.150	450	525	1.155	LLZ-024

# Frigocraft Closed Split Type - Silent Series Technical Information

Test Conditions (R-404a)	Compressor Type	Product Code	Product Model	Compressor Information					Capacity for ΔT:15
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COOL STORAGE (+5/45°C EN12900/10K-SH)	EMBRACO HERMETIC	80.08.072	FrigoCraft H090-K04.SZ6145.MTZ022.DP4 CDU	MTZ-022	2,00	5.547	1.822	3,04	7.369
		80.08.082	FrigoCraft H140-K04.SZ6150.MTZ028.DP4 CDU	MTZ-028	2,30	7036	2446	2,88	9.482
		80.08.092	FrigoCraft H150-K05.SZ6240.MTZ032.DP4 CDU	MTZ-032	2,70	7.980	2.714	2,94	10.694
		80.08.102	FrigoCraft H160-K07.SZ6245.MTZ036.DP4 CDU	MTZ-036	3,00	9101	3192	2,85	12.293
		80.08.112	FrigoCraft H170-K10.SZ6250.MTZ 040.DP4 CDU	MTZ-040	3,30	10.127	3.650	2,77	13.777
		80.08.122	FrigoCraft H175-K10.SZ6250.MTZ044.DP4 CDU	MTZ-044	3,70	10885	3378	3,22	14.263
		80.08.132	FrigoCraft H190-K10.SZ6250.MTZ050.DP4 CDU	MTZ-050	4,20	12.744	3.907	3,26	16.651
		80.08.142	FrigoCraft H200-K10.SZ6250.MTZ056.DP4 CDU	MTZ-056	4,70	13843	4361	3,17	18.204
		80.08.152	FrigoCraft H240-K12.SZ6445.MTZ064.DP4 CDU	MTZ-064	5,30	16.332	5.275	3,10	21.607
		80.08.162	FrigoCraft H290-K12.SZ6450.MTZ072.DP4 CDU	MTZ-072	6,00	17966	5870	3,06	23.836
	KULTHORN HERMETIC	80.18.042	FrigoCraft H135-K04.SZ6150.AW7514.KP5 CDU	AW7514Z	2,00	6.600	2.357	2,80	8.957
		80.18.052	FrigoCraft H150-K05.SZ6240.AW9516.KP5 CDU	AW9516Z	2,50	8.000	3.200	2,50	11.200
		80.18.072	FrigoCraft H130-K04.SZ6150.AW5526.KP4 CDU	AW5526Z-9	2,00	6.872	2.148	3,20	9.020
		80.18.082	FrigoCraft H155-K05.SZ6240.AW5534.KP4 CDU	AW5534Z-9	2,50	8.350	2.756	3,03	11.106
		80.18.092	FrigoCraft H165-K07.SZ6245.AW5538.KP4 CDU	AW5538Z-9	3,00	9.416	3.225	2,92	12.641
		80.18.102	FrigoCraft H180-K10.SZ6250.AW5545.KP4 CDU	AW5545Z-9	4,00	11.500	4.049	2,84	15.549
		80.18.132	FrigoCraft H220-K12.SZ6445.KA5558.KP4 CDU	KA5558ZXG	5,00	15.627	4.530	3,45	20.157
		80.18.152	FrigoCraft H280-K12.SZ6445.KA5564.KP4 CDU	KA5564ZXG	6,00	17.242	5.147	3,35	22.389
		80.18.162	FrigoCraft H310-K12.SZ6450.KA5572.KP4 CDU	KA5572ZXG	7,00	20.037	6.443	3,11	26.480
	DANFOSS SCROLL	80.28.072	FrigoCraft H090-K04.SZ6145.MLZ015.DS4 CDU	MLZ-015	2,00	5.619	1.661	3,38	7.280
		80.28.102	FrigoCraft H135-K05.SZ6240.MLZ.021.DS4 CDU	MLZ-021	3,00	7.877	2.236	3,52	10.113
		80.28.112	FrigoCraft H160-K07.SZ6245.MLZ.026.DS4 CDU	MLZ-026	3,50	9.843	2.803	3,51	12.646
		80.28.142	FrigoCraft H180-K10.SZ6250.MLZ.030.DS4 CDU	MLZ-030	4,00	11.857	3.313	3,58	15.170
		80.28.152	FrigoCraft H200-K10.SZ6250.MLZ.038.DS4 CDU	MLZ-038	5,00	14.138	3.984	3,55	18.122
		80.28.162	FrigoCraft H250-K12.SZ6445.MLZ.045.DS4 CDU	MLZ-045	6,00	17.008	4.822	3,53	21.830
		80.28.172	FrigoCraft H285-K12.SZ6450.MLZ.048.DS4 CDU	MLZ-048	7,00	18.540	5.141	3,61	23.681
	COPELAND SCROLL	80.38.072	FrigoCraft H090-K04.SZ6145.ZB015T.CS4 CDU	ZB-15	2,00	5.691	1.690	3,37	7.381
		80.38.092	FrigoCraft H120-K04.SZ6150.ZB019T.CS4 CDU	ZB-19	2,50	7.067	2.054	3,44	9.121
		80.38.102	FrigoCraft H140-K05.SZ6240.ZB021T.CS4 CDU	ZB-21	3,00	8.108	2.459	3,30	10.567
		80.38.132	FrigoCraft H180-K10.SZ6250.ZB029T.CS4 CDU	ZB-29	4,00	11.449	3.264	3,51	14.713
		80.38.152	FrigoCraft H200-K10.SZ6250.ZB038T.CS4 CDU	ZB-38	5,00	14.436	4.121	3,50	18.557
		80.38.162	FrigoCraft H250-K12.SZ6445.ZB045T.CS4 CDU	ZB-45	6,00	16.923	4.661	3,63	21.584
		80.38.172	FrigoCraft H285-K12.SZ6450.ZB048T.CS4 CDU	ZB-48	7,00	18.619	5.130	3,63	23.749
	DAIKIN SCROLL	80.48.112	FrigoCraft H160-K07.SZ6245.JT095G.DP4 CDU	JT95GBBY1L	3,00	10.420	2.844	3,66	13.264
		80.48.142	FrigoCraft H190-K10.SZ6250.JT125G.DP4 CDU	JT125GBBY1L	4,00	12.996	3.839	3,39	16.835
		80.48.152	FrigoCraft H240-K12.SZ6445.JT160G.DP4 CDU	JT160GBBY1L	5,00	16.393	4.627	3,54	21.020
		80.48.172	FrigoCraft H285-K12.SZ6450.JT170G.DP4 CDU	JT170GBBY1L	7,00	17.371	5.038	3,45	22.409



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Information					Model
Condenser Capacity	Working $\Delta T$	Electric Supply	Fan Information	Air Flow (m <sup>3</sup> /sa)	Condenser Surface Area (m <sup>2</sup> )			Model	Length	Cabin Width	Cabin Width with Bracket	Height	
(Watt)			(ad.xmm)	(m <sup>3</sup> /sa)	(m <sup>2</sup> )				(mm)	(mm)	(mm)	(mm)	
11.638	9,50	380V - 50/60Hz	1x450	3.353	27,70	3/8"	1/2"	K04	1.150	450	525	805	MTZ-022
13.578	10,48	380V - 50/60Hz	1x500	4.479	27,70	3/8"	1/2"	K04	1.150	450	525	805	MTZ-028
16.260	9,87	380V - 50/60Hz	2x400	4.627	40,60	3/8"	5/8"	K05	1.150	450	525	1.155	MTZ-032
19.166	9,62	380V - 50/60Hz	2x450	6.128	40,70	3/8"	5/8"	K07	1.150	450	525	1.155	MTZ-036
25.216	8,20	380V - 50/60Hz	2x500	8.287	48,10	3/8"	5/8"	K10	1.150	450	525	1.255	MTZ-040
25.216	8,48	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MTZ-044
25.216	9,91	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MTZ-050
25.216	10,83	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MTZ-056
31.686	10,23	380V - 50/60Hz	4x450	12.440	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	MTZ-064
36.008	9,93	380V - 50/60Hz	4x500	15.329	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	MTZ-072
13.578	9,90	220V - 50Hz	1x500	4.479	27,70	3/8"	3/4"	K04	1.150	450	525	555	AW7514Z
16.260	10,33	220V - 50Hz	2x400	4.627	40,60	3/8"	3/4"	K05	1.150	450	525	1.155	AW9516Z
13.578	9,96	380V - 50/60Hz	1x500	4.479	27,70	3/8"	3/4"	K04	1.150	450	525	555	AW5526Z-9
16.260	10,25	380V - 50/60Hz	2x400	4.627	40,60	3/8"	3/4"	K05	1.150	450	525	1.155	AW5534Z-9
19.166	9,89	380V - 50/60Hz	2x450	6.128	40,70	3/8"	3/4"	K07	1.150	450	525	1.155	AW5538Z-9
25.216	9,25	380V - 50/60Hz	2x500	8.287	48,10	3/8"	3/4"	K10	1.150	450	525	1.255	AW5545Z-9
31.686	9,54	380V - 50/60Hz	4x450	12.440	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	KA5558ZXG
31.686	10,60	380V - 50/60Hz	4x450	12.440	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	KA5564ZXG
36.008	11,03	380V - 50/60Hz	4x500	15.329	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	KA5572ZXG
11.638	9,38	380V - 50/60Hz	1x450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	MLZ-015
16.260	9,33	380V - 50/60Hz	2x400	4.627	40,60	3/8"	3/4"	K05	1.150	450	525	1.155	MLZ-021
19.166	9,90	380V - 50/60Hz	2x450	6.128	40,70	3/8"	3/4"	K07	1.150	450	525	1.155	MLZ-026
25.216	9,02	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MLZ-030
25.216	10,78	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MLZ-038
31.686	10,33	380V - 50/60Hz	4x450	12.440	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	MLZ-045
36.008	9,86	380V - 50/60Hz	4x500	15.329	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	MLZ-048
11.638	9,51	380V - 50/60Hz	1x450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	ZB-15
13.578	10,08	380V - 50/60Hz	1x500	4.479	27,70	3/8"	3/4"	K04	1.150	450	525	555	ZB-19
16.260	9,75	380V - 50/60Hz	2x400	4.627	40,60	3/8"	3/4"	K05	1.150	450	525	1.155	ZB-21
25.216	8,75	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	ZB-29
25.216	11,04	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	ZB-38
31.686	10,22	380V - 50/60Hz	4x450	12.440	80,28	1/2"	7/8"	K12	2.215	450	525	1.155	ZB-45
36.008	9,89	380V - 50/60Hz	4x500	15.329	80,28	5/8"	1 1/8"	K12	2.215	450	525	1.155	ZB-48
19.166	10,38	380V - 50/60Hz	2x450	6.128	40,70	5/8"	7/8"	K07	1.150	450	525	1.155	JT95GBBY1L
25.216	10,01	380V - 50/60Hz	2x500	8.287	48,10	5/8"	7/8"	K10	1.150	450	525	1.255	JT125GBBY1L
31.686	9,95	380V - 50/60Hz	4x450	12.440	80,28	5/8"	7/8"	K12	2.215	450	525	1.155	JT160GBBY1L
36.008	9,34	380V - 50/60Hz	4x500	15.329	80,28	5/8"	7/8"	K12	2.215	450	525	1.155	JT170GBBY1L

# Frigocraft Closed Split Type - Silent Series Technical Information

Test Conditions (R-404a)	Kompresör Tipi	Product Code	Device Product Model	Compressor Information					Capacity for $\Delta T:15$
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
COLD STORAGE (-10/45°C EN12900/10K-SH)	DANFOSS MTZ HERMETIC	80.10.007	FrigoCraft M006-K01.SZ6135.NE6215.EP5 CDU	NEU6215GK	0,50	980	626	1,57	1.606
		80.10.012	FrigoCraft M008-K01.SZ6135.NT6220.EP5 CDU	NT6220GK	0,80	1019	648	1,57	1.667
		80.10.017	FrigoCraft M012-K01.SZ6135.NT6222.EP5 CDU	NT6222GK	1,00	1.248	830	1,50	2.078
		80.10.022	FrigoCraft M016-K02.SZ6140.NT6226.EP5 CDU	NT6226GK	1,00	1661	971	1,71	2.632
		80.10.032	FrigoCraft M020-K02.SZ6140.NJ9232.EP5 CDU	NJ9232GK	1,30	1.905	1.088	1,75	2.993
		80.10.042	FrigoCraft M026-K02.SZ6140.NJ9238.EP5 CDU	NJ9238GK	1,50	2323	1499	1,55	3.822
		80.10.062	FrigoCraft M026-K02.SZ6140.NJ9238.EP4 CDU	NJ9238GS	1,50	2.420	1.315	1,84	3.735
		80.10.072	FrigoCraft M030-K02.SZ6140.MTZ022.DP4 CDU	MTZ-022	2,00	2.625	1.482	1,77	4.107
		80.10.082	FrigoCraft M040-K03.SZ6145.MTZ028.DP4 CDU	MTZ-028	2,30	3.427	1.955	1,75	5.382
		80.10.092	FrigoCraft M055-K03.SZ6145.MTZ032.DP4 CDU	MTZ-032	2,70	3.983	2.160	1,84	6.143
		80.10.102	FrigoCraft M070-K04.SZ6145.MTZ036.DP4 CDU	MTZ-036	3,00	4.670	2.576	1,81	7.246
		80.10.112	FrigoCraft M080-K04.SZ6150.MTZ040.DP4 CDU	MTZ-040	3,30	5.333	2.948	1,81	8.281
		80.10.122	FrigoCraft M088-K04.SZ6150.MTZ044.DP4 CDU	MTZ-044	3,70	5.366	2.775	1,93	8.141
		80.10.132	FrigoCraft M100-K05.SZ6240.MTZ050.DP4 CDU	MTZ-050	4,20	6.256	3.218	1,94	9.474
		80.10.142	FrigoCraft M115-K05.SZ6240.MTZ056.DP4 CDU	MTZ-056	4,70	6.710	3.513	1,91	10.223
		80.10.152	FrigoCraft M135-K07.SZ6245.MTZ064.DP4 CDU	MTZ-064	5,30	7.982	4.204	1,90	12.186
	KULTHORN HERMETIC	80.10.162	FrigoCraft M150-K07.SZ6245.MTZ072.DP4 CDU	MTZ-072	6,00	8.918	4.686	1,90	13.604
		80.10.172	FrigoCraft M160-K10.SZ6250.MTZ080.DP4 CDU	MTZ-080	6,70	10.466	5.609	1,87	16.075
		80.20.022	FrigoCraft M026-K02.SZ6140.WJ9490.KP5 CDU	WJ9490Z	1,30	2.345	1.215	1,93	3.560
		80.20.032	FrigoCraft M030-K02.SZ6140.WJ9513.KP5 CDU	WJ9513Z	1,50	3.050	1.703	1,79	4.753
		80.20.042	FrigoCraft M034-K03.SZ6145.AW7514.KP5 CDU	AW7514Z	2,00	3.650	1.901	1,92	5.551
		80.20.052	FrigoCraft M040-K04.SZ6145.AW9516.KP5 CDU	AW9516Z	2,50	4.396	2.254	1,95	6.650
		80.20.072	FrigoCraft M040-K03.SZ6145.AW5526.KP4 CDU	AW5526Z-9	2,00	3.800	1.152	3,30	4.952
		80.20.082	FrigoCraft M070-K04.SZ6145.AW5534.KP4 CDU	AW5534Z-9	2,50	4.375	1.603	2,73	5.978
		80.20.092	FrigoCraft M080-K04.SZ6145.AW5538.KP4 CDU	AW5538Z-9	3,00	5.300	2.284	2,32	7.584
		80.20.102	FrigoCraft M100-K04.SZ6150.AW5545.KP4 CDU	AW5545Z-9	4,00	6.100	2.877	2,12	8.977
		80.20.132	FrigoCraft M135-K05.SZ6240.KA5558.KP4 CDU	KA5558ZXG	5,00	7.760	3.019	2,57	10.779
		80.20.152	FrigoCraft M150-K07.SZ6245.KA5564.KP4 CDU	KA5564ZXG	6,00	9.370	3.549	2,64	12.919
		80.20.162	FrigoCraft M160-K10.SZ6250.KA5572.KP4 CDU	KA5572ZXG	7,00	10.056	4.122	2,44	14.178
		80.20.172	FrigoCraft M180-K10.SZ6250.LA5590.KP4 CDU	LA5590ZXG	8,00	12.182	5.857	2,08	18.039
	DANFOSS SCROLL	80.30.072	FrigoCraft M030-K03.SZ6145.MLZ015.DS4 CDU	MLZ-015	2,00	3.081	1.751	1,76	4.832
		80.30.102	FrigoCraft M070-K04.SZ6145.MLZ021.DS4 CDU	MLZ-021	3,00	4.405	2.274	1,94	6.679
		80.30.112	FrigoCraft M080-K04.SZ6150.MLZ026.DS4 CDU	MLZ-026	3,50	5.501	2.825	1,95	8.326
		80.30.142	FrigoCraft M115-K05.SZ6240.MLZ030.DS4 CDU	MLZ-030	4,00	6.614	3.336	1,98	9.950
		80.30.152	FrigoCraft M135-K07.SZ6245.MLZ038.DS4 CDU	MLZ-038	5,00	7.886	3.968	1,99	11.854
		80.30.162	FrigoCraft M150-K10.SZ6250.MLZ045.DS4 CDU	MLZ-045	6,00	9.481	4.812	1,97	14.293
	COPELAND SCROLL	80.30.172	FrigoCraft M160-K10.SZ6250.MLZ048.DS4 CDU	MLZ-048	7,00	10.349	5.171	2,00	15.520
		80.40.072	FrigoCraft M030-K03.SZ6145.ZB015.CS4 CDU	ZB-15	2,00	3.115	1.821	1,71	4.936
		80.40.092	FrigoCraft M055-K03.SZ6145.ZB019.CS4 CDU	ZB-19	2,50	3.938	2.095	1,88	6.033
		80.40.102	FrigoCraft M070-K04.SZ6145.ZB021.CS4 CDU	ZB-21	3,00	4.642	2.505	1,85	7.147
		80.40.132	FrigoCraft M100-K04.SZ6150.ZB029.CS4 CDU	ZB-29	4,00	6.387	3.327	1,92	9.714
		80.40.152	FrigoCraft M135-K07.SZ6245.ZB038.CS4 CDU	ZB-38	5,00	8.058	4.198	1,92	12.256
	DAIKIN SCROLL	80.40.162	FrigoCraft M150-K10.SZ6250.ZB045.CS4 CDU	ZB-45	6,00	9.437	4.754	1,99	14.191
		80.40.172	FrigoCraft M160-K10.SZ6250.ZB048.CS4 CDU	ZB-48	7,00	10.380	5.229	1,99	15.609
		80.50.112	FrigoCraft M080-K04.SZ6145.JT095G.DP4 CDU	JT95GBBY1L	3,00	5.650	2.774	2,04	8.424
		80.50.142	FrigoCraft M115-K05.SZ6240.JT125G.DP4 CDU	JT125GBBY1L	4,00	6.812	3.750	1,82	10.562
		80.50.152	FrigoCraft M140-K07.SZ6245.JT160G.DP4 CDU	JT160GBBY1L	5,00	8.314	4.574	1,82	12.888
		80.50.172	FrigoCraft M150-K07.SZ6245.JT170G.DP4 CDU	JT170GBBY1L	7,00	9.014	4.980	1,81	13.994



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Information					Model
Condenser Capacity	Working ΔT	Electric Supply	Fan Information	Air Volume (m³/sa)	Condenser Surface Area (m²)			Model	Length	Cabin Width	Cabin Width With Bracket	Height	
(Watt)			(ad.xmm)	(m³/sa)	(m²)				(mm)	(mm)	(mm)	(mm)	
3.471	6,94	220V - 50Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NEU6215GK
3.471	7,20	220V - 50Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NT6220GK
3.471	8,98	220V - 50Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NT6222GK
6.623	5,96	220V - 50Hz	1X400	2.016	14,70	1/4"	1/2"	K02	1.050	450	525	505	NT6226GK
6.623	6,78	220V - 50Hz	1X400	2.016	14,70	1/4"	1/2"	K02	1.050	450	525	505	NJ9232GK
6.623	8,66	220V - 50Hz	1X400	2.016	14,70	1/4"	1/2"	K02	1.050	450	525	555	NJ9238GK
6.623	8,46	380V - 50/60Hz	1x400	2.016	14,70	1/4"	1/2"	K02	1.050	450	525	555	NJ9238GS
6.623	9,30	380V - 50/60Hz	1x400	2.016	14,70	3/8"	1/2"	K02	1.050	450	525	555	MTZ-022
8.803	9,17	380V - 50/60Hz	1X450	2.944	17,70	3/8"	1/2"	K03	1.150	450	525	555	MTZ-028
8.803	10,47	380V - 50/60Hz	1X450	2.944	17,70	3/8"	5/8"	K03	1.150	450	525	555	MTZ-032
11.638	9,34	380V - 50/60Hz	1X450	3.353	27,70	3/8"	5/8"	K04	1.150	450	525	555	MTZ-036
13.578	9,15	380V - 50/60Hz	1X500	4.479	27,70	1/2"	7/8"	K04	1.150	450	525	805	MTZ-040
13.578	8,99	380V - 50/60Hz	1X500	4.479	27,70	1/2"	7/8"	K04	1.150	450	525	805	MTZ-044
16.260	8,74	380V - 50/60Hz	2x400	4.627	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	MTZ-050
16.260	9,43	380V - 50/60Hz	2x400	4.627	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	MTZ-056
19.166	9,54	380V - 50/60Hz	2x450	6.128	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MTZ-064
19.166	10,65	380V - 50/60Hz	2x450	6.128	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MTZ-072
25.216	9,56	380V - 50/60Hz	2x500	8.287	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	MTZ-080
6.623	8,06	220V - 50Hz	1x400	2.016	14,70	3/8"	5/8"	K02	1.050	450	525	555	WJ9490Z
6.623	10,76	220V - 50Hz	1x400	2.016	14,70	3/8"	5/8"	K02	1.050	450	525	555	WJ9513Z
8.803	9,46	220V - 50Hz	1X450	2.944	17,70	3/8"	3/4"	K03	1.150	450	525	555	AW7514Z
11.638	8,57	220V - 50Hz	1X450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	AW9516Z
8.803	8,44	380V - 50/60Hz	1X450	2.944	17,70	3/8"	3/4"	K03	1.150	450	525	555	AW5526Z-9
11.638	7,70	380V - 50/60Hz	1X450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	AW5534Z-9
11.638	9,77	380V - 50/60Hz	1X450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	AW5538Z-9
13.578	9,92	380V - 50/60Hz	1X500	4.479	27,70	3/8"	3/4"	K04	1.150	450	525	805	AW5545Z-9
16.260	9,94	380V - 50/60Hz	2x400	4.627	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	KA5558ZXG
19.166	10,11	380V - 50/60Hz	2x450	6.128	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	KA5564ZXG
25.216	8,43	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	KA5572ZXG
25.216	10,73	380V - 50/60Hz	2x500	8.287	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	LA5590ZXG
8.803	8,23	380V - 50/60Hz	1X450	2.944	17,70	3/8"	3/4"	K03	1.150	450	525	555	MLZ-015
11.638	8,61	380V - 50/60Hz	1X450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	MLZ-021
13.578	9,20	380V - 50/60Hz	1X500	4.479	27,70	3/8"	3/4"	K04	1.150	450	525	805	MLZ-026
16.260	9,18	380V - 50/60Hz	2x400	4.627	40,60	1/2"	7/8"	K05	1.150	450	525	1.155	MLZ-030
19.166	9,28	380V - 50/60Hz	2x450	6.128	40,70	1/2"	7/8"	K07	1.150	450	525	1.155	MLZ-038
25.216	8,50	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MLZ-045
25.216	9,23	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	MLZ-048
8.803	8,41	380V - 50/60Hz	1X450	2.944	17,70	3/8"	3/4"	K03	1.150	450	525	555	ZB-15
8.803	10,28	380V - 50/60Hz	1X450	2.944	17,70	3/8"	3/4"	K03	1.150	450	525	555	ZB-19
11.638	9,21	380V - 50/60Hz	1X450	3.353	27,70	3/8"	3/4"	K04	1.150	450	525	555	ZB-21
13.578	10,73	380V - 50/60Hz	1X500	4.479	27,70	1/2"	7/8"	K04	1.150	450	525	805	ZB-29
19.166	9,59	380V - 50/60Hz	2x450	6.128	49,70	1/2"	7/8"	K07	1.150	450	525	1.155	ZB-38
25.216	8,44	380V - 50/60Hz	2x500	8.287	48,10	1/2"	7/8"	K10	1.150	450	525	1.255	ZB-45
25.216	9,29	380V - 50/60Hz	2x500	8.287	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	ZB-48
11.638	10,86	380V - 50/60Hz	1X450	3.353	27,70	5/8"	7/8"	K04	1.150	450	525	555	JT95GBBY1L
16.260	9,74	380V - 50/60Hz	2x400	4.627	40,60	5/8"	7/8"	K05	1.150	450	525	1.155	JT125GBBY1L
19.166	10,09	380V - 50/60Hz	2x450	6.128	40,70	5/8"	7/8"	K07	1.150	450	525	1.155	JT160GBBY1L
19.166	10,95	380V - 50/60Hz	2x450	6.128	40,70	5/8"	7/8"	K07	1.150	450	525	1.155	JT170GBBY1L

# Frigocraft Closed Split Type - Silent Series Technical Information

Test Conditions (R-404a)	Compressor Type	Product Code	Device Product Model	Compressor Information					Capacity I ΔT:1!
				Model	Power	Q	P	COP	
					Hp	(Watt)	(Watt)	(w/w)	
FROZEN STORAGE (-25/45°C EN12900/10K-SH)	EMBRACO	80.15.017	FrigoCraft L004-K01.SZ6135.NE2178.EP5 CDU	NEU2178GK	1,00	667	585	1,14	1.252
		80.15.022	FrigoCraft L006-K01.SZ6135.NT2192.EP5 CDU	NT2192GK	1,30	783	731	1,07	1.514
		80.15.032	FrigoCraft L010-K01.SZ6135.NT2212.EP5 CDU	NT2212GK	1,50	1.083	958	1,13	2.041
		80.15.042	FrigoCraft L010-K01.SZ6135.NJ2212.EP4 CDU	NJ2212GS	1,50	1.126	1.114	1,01	2.240
	DANFOSS NTZ HERMETIC	80.15.052	FrigoCraft L013-K02.SZ6140.NTZ048.DP4 CDU	NTZ-048	1,50	1.492	1.336	1,12	2.828
		80.15.062	FrigoCraft L024-K02.SZ6140.NTZ068.DP4 CDU	NTZ-068	2,00	2.444	2.090	1,17	4.534
		80.15.072	FrigoCraft L032-K03.SZ6145.NTZ096.DP4 CDU	NTZ-096	2,50	2.953	2.531	1,17	5.484
		80.15.082	FrigoCraft L040-K04.SZ6145.NTZ108.DP4 CDU	NTZ-108	3,00	3.580	2.947	1,21	6.527
		80.15.092	FrigoCraft L055-K04.SZ6150.NTZ136.DP4 CDU	NTZ-136	4,00	4.561	4.079	1,12	8.640
		80.15.112	FrigoCraft L085-K07.SZ6245.NTZ215.DP4 CDU	NTZ-215	6,00	7.049	5.944	1,19	12.993
		80.15.122	FrigoCraft L100-K10.SZ6250.NTZ271.DP4 CDU	NTZ-271	7,50	9.702	7.809	1,24	17.511
	KULTHORN HERMETIC	80.25.022	FrigoCraft L010-K01.SZ6135.AW2464.KP5 CDU	AW2464ZK	1,50	1.069	1.229	0,87	2.298
		80.25.032	FrigoCraft L014-K02.SZ6140.AW2495.KP5 CDU	AW2495ZK	2,00	1.464	1.785	0,82	3.249
		80.25.042	FrigoCraft L013-K01.SZ6135.AW2464.KP4 CDU	AW2464Z-9	1,50	1.411	1.125	1,25	2.536
		80.25.052	FrigoCraft L024-K02.SZ6140.AW2495.KP4 CDU	AW2495Z-9	2,00	2.045	1.500	1,36	3.545
		80.25.062	FrigoCraft L032-K02.SZ6140.AW2512.KP4 CDU	AW2512ZXG	3,00	2.700	1.753	1,54	4.453
	DANFOSS LLZ SCROLL	80.35.072	FrigoCraft L040-K04.SZ6145.LLZ013.DS4 CDU	LLZ-013	4,00	3.712	2.926	1,27	6.638
		80.35.082	FrigoCraft L055-K04.SZ6145.LLZ015.DS4 CDU	LLZ-015	5,00	4.468	3.460	1,29	7.928
		80.35.092	FrigoCraft L070-K04.SZ6150.LLZ018.DS4 CDU	LLZ-018	6,00	5.254	3.926	1,34	9.180
		80.35.102	FrigoCraft L085-K05.SZ6240.LLZ024.DS4 CDU	LLZ-024	8,00	6.712	4.933	1,36	11.645



Condenser and Fan Information						Liquid Line	Suction Line	Cabin Information					Model
Condenser Capacity	Working $\Delta T$	Electric Supply	Fan Information	Air Volume (m <sup>3</sup> /sa)	Condenser Surface Area (m <sup>2</sup> )			Model	Length	Cabin Width	Cabin Width With Bracket	Height	
(Watt)			(ad.xmm)	(m <sup>3</sup> /sa)	(m <sup>2</sup> )				(mm)	(mm)	(mm)	(mm)	
3.471	5,41	380V - 50/60Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NEU2178GK
3.471	6,54	220V - 50Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NT2192GK
3.471	8,82	220V - 50Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NT2212GK
3.471	9,68	380V - 50/60Hz	1x350	1.613	7,20	1/4"	1/2"	K01	960	450	525	505	NJ2212GS
6.623	6,40	380V - 50/60Hz	1X400	2.016	14,70	3/8"	5/8"	K02	1.050	450	525	505	NTZ-048
6.623	10,27	380V - 50/60Hz	1X400	2.016	14,70	3/8"	5/8"	K02	1.050	450	525	505	NTZ-068
8.803	9,34	380V - 50/60Hz	1X450	2.944	17,70	1/2"	7/8"	K03	1.150	450	525	555	NTZ-096
11.638	8,41	380V - 50/60Hz	1X450	3.353	27,70	1/2"	7/8"	K04	1.150	450	525	555	NTZ-108
13.578	9,54	380V - 50/60Hz	1X500	4.479	27,70	1/2"	1 1/8"	K04	1.150	450	525	805	NTZ-136
19.166	10,17	380V - 50/60Hz	2x450	6.128	40,70	1/2"	1 1/8"	K07	1.150	450	525	1.155	NTZ-215
25.216	10,42	380V - 50/60Hz	2x500	8.287	48,10	5/8"	1 1/8"	K10	1.150	450	525	1.255	NTZ-271
3.471	9,93	220V - 50Hz	1x350	1.613	7,20	3/8"	3/4"	K01	960	450	525	505	AW2464ZK
6.623	7,36	220V - 50Hz	1X400	2.016	14,70	3/8"	3/4"	K02	1.050	450	525	505	AW2495ZK
3.471	10,96	380V - 50/60Hz	1x350	1.613	7,20	3/8"	3/4"	K01	960	450	525	505	AW2464Z-9
6.623	8,03	380V - 50/60Hz	1X400	2.016	14,70	3/8"	3/4"	K02	1.050	450	525	505	AW2495Z-9
6.623	10,09	380V - 50/60Hz	1X400	2.016	14,70	3/8"	3/4"	K02	1.050	450	525	505	AW2512ZXG
11.638	8,56	380V - 50/60Hz	1X450	3.353	27,70	1/2"	3/4"	K04	1.150	450	525	555	LLZ-013
11.638	10,22	380V - 50/60Hz	1X450	3.353	27,70	1/2"	3/4"	K04	1.150	450	525	555	LLZ-015
13.578	10,14	380V - 50/60Hz	1X500	4.479	27,70	1/2"	3/4"	K04	1.150	450	525	805	LLZ-018
16.260	10,74	380V - 50/60Hz	2x400	4.627	40,60	5/8"	1 1/8"	K05	1.150	450	525	1.155	LLZ-024

# Compressor Cross Reference Table

Power Supply & Application	Piston Compressor									
	Embraco & Danfoss	Cooling Capacity (Watt)	C.O.P (w/w)	Kulthorn	Cooling Capacity (Watt)	C.O.P (w/w)	Tecumseh	Cooling Capacity (Watt)	C.O.P (w/w)	Copeland
220 - 230 / 1 / 50 & H/MBP	NEU6215GK	980	1,57	-	-	-	CAE9460Z	741	1,48	-
	NT6220GK	1.020	1,57	-	-	-	CAJ9480Z	1.109	1,59	-
	NT6222GK	1.248	1,50	-	-	-	CAJ9510Z	1.295	1,51	-
	NT6226GK	1.661	1,71	-	-	-	CAJ9513Z	1.630	1,61	-
	NJ9232GK	1.905	1,75	WJ9490Z	1.842	1,41	CAJ4517Z	1.960	1,71	-
	NJ9238GK	2.323	1,55	WJ9513Z	2.403	1,38	CAJ4519Z	2.585	1,66	-
	-	-	-	AW7514Z	2.904	1,58	-	-	-	-
380 - 400 / 3 / 50 - 60 & H/MBP	-	-	-	AW9516Z	3.485	1,50	-	-	-	-
	-	-	-	-	-	-	-	-	-	CR-22 K6E-TFD
	MTZ022-4VI	2.625	1,77	AW5526Z-9	2.670	2,14	TFH4524Z	2.704	1,55	CR-24 K6E-TFD
	MTZ028-4VI	3.427	1,75	AW5534Z-9	3.144	1,83	TFH4531Z	3.521	1,64	CR-30 K6M-TFM
	MTZ032-4VI	3.983	1,84	AW5538Z-9	3.739	1,58	-	-	-	CR-34 KQ-TFD
	MTZ036-4VI	4.670	1,81	-	-	-	TFH4540Z	4.589	1,59	CR-37 KQ-TFD
	MTZ040-4VI	5.333	1,81	-	-	-	TAG4546Z	4.842	1,64	CR-42 K6-TFD
	MTZ044-4VI	5.366	1,93	AW5545Z-9	5.660	1,89	TAG4553Z	5.518	1,65	CR-47 KQ-TFD
	MTZ050-4VI	6.256	1,94	-	-	-	TAG4561Z	6.305	1,67	CR53 KQ-TFD
	MTZ056-4VI	6.710	1,91	KA5558ZXG	6.607	2,10	TAG4568Z	7.521	1,77	-
	MTZ064-4VI	7.982	1,90	KA5564ZXG	7.550	2,06	TAG4573Z	8.123	1,72	CR62 KQ-TFD
	MTZ072-4VI	8.918	1,90	KA5572ZXG	9.383	1,28	-	-	-	-
	MTZ080-4VI	10.466	1,87	LA5590ZXG	11.367	1,94	-	-	-	-
	MTZ100-4VI	12.279	1,82	-	-	-	-	-	-	-
	-	-	-	LA5610ZXG	13.963	1,92	-	-	-	-
	MTZ125-4VI	15.708	1,86	LA5612ZXG	14.341	1,80	-	-	-	-
	MTZ144-4VI	18.494	1,89	-	-	-	-	-	-	-
	MTZ160-4VI	20.305	1,83	-	-	-	-	-	-	-
220 - 230 / 1 / 50 & LBP	NT2192GK	783	1,07	-	-	-	CAJ2446Z	795	0,95	-
	NT2212GK	1018	1,13	AW2464ZK	1.069	0,87	CAJ2464Z	1041	0,94	-
380 - 400 / 3 / 50 - 60 & LBP	-	-	-	AW2495Z-9	1.116	2,06	-	-	-	-
	NTZ048 A 4LR1	1.492	1,12	AW2495Z-9	1.617	1,08	TFH2480Z	1.510	0,95	-
	NTZ068 A 4LR1A	2.445	1,17	AW2512ZXG	2.621	1,07	TFH2511Z	2.047	1,04	-
	NTZ096 A 4LR1	2.953	1,17	-	-	-	TAG2516Z	2.988	1,06	-
	NTZ108 A 4LR1	3.580	1,22	-	-	-	TAG2522Z	3.651	1,06	-
	NTZ136 A 4LR1A	4.561	1,12	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	NTZ215 4LR1	7.049	1,19	-	-	-	-	-	-	-
	NTZ271 A 4LR1A	9.702	1,24	-	-	-	-	-	-	-

**Test Conditions:** All cooling capacity and COP data were taken into account assuming the following variables in accordance with EN12900/10K-SH Europe Norm to be constant

## H/MBP – Cold Protection

Evaporation: -10 °C  
Superheat: 10K  
Gas Return Temperature: 0 °C  
Condensation: +45 °C  
Subcooling: 0K

## LBP – Frozen Protection

Evaporation: -25 °C  
Superheat: 10K  
Gas Return Temperature: -15 °C  
Condensation: +45 °C  
Subcooling: 0K



		Scroll Compressor								
Cooling Capacity (Watt)	C.O.P (w/w)	Danfoss	Cooling Capacity (Watt)	C.O.P (w/w)	Copeland	Cooling Capacity (Watt)	C.O.P (w/w)	Daikin	Cooling Capacity (Watt)	C.O.P (w/w)
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
2.210	1,75	-	-	-	-	-	-	-	-	-
2.735	2,38	MLZ015T4LP9	3.081	1,76	ZB15 KQE-TFD-558	3.115	1,71	-	-	-
3.450	2,16	-	-	-	-	-	-	-	-	-
3.750	2,06	MLZ019T4LP9	4.152	1,93	ZB19 KQE-TFD-558	3.938	1,88	-	-	-
4.150	2,12	MLZ021T4LP9	4.405	1,94	ZB21 KQE-TFD-558	4.642	1,85	-	-	-
4.850	2,22	-	-	-	-	-	-	-	-	-
5.500	2,07	MLZ026T4LP9	5.501	1,95	-	-	-	JT95GBBY1L	5.650	2,04
6.050	2,02	MLZ030T4LC9	6.614	1,98	ZB29 KQE-TFD-558	6.387	1,92	JT125GBBY1L	6.812	1,82
-	-	-	-	-	-	-	-	-	-	-
8.068	1,96	MLZ038T4LC9	7.886	1,99	ZB38 KQE-TFD-558	8.058	1,92	JT160GBBY1L	8.314	1,82
-	-	MLZ045T4LC9	9.481	1,97	ZB45 KQE-TFD-558	9.437	1,99	JT170GBBY1L	9.014	1,81
-	-	MLZ048T4LC9	10.349	2,00	ZB48 KQE-TFD-558	10.380	1,99	-	-	-
-	-	MLZ058T4LC9	11.981	1,93	ZB58 KQE-TFD-551	12.465	1,97	JT212DAY1	11.857	1,82
-	-	MLZ066T4LC9	14.170	2,05	-	-	-	JT236DAYE	14.068	1,96
-	-	MLZ076T4LC9	16.158	2,04	ZB76 KQE-TFD-551	16.687	2,03	JT265DAY1	15.519	2,01
-	-	-	-	-	-	-	-	JT300DA-Y1L	17488	1,95
-	-	-	-	-	-	-	-	JT335DA-Y1L	20372	2,01
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	LLZ013 T4	3.172	1,27	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	LLZ015 T4	4468	1,29	-	-	-	-	-	-
-	-	LLZ018 T4	5.254	1,34	-	-	-	-	-	-
-	-	LLZ024 T4	6.712	1,36	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

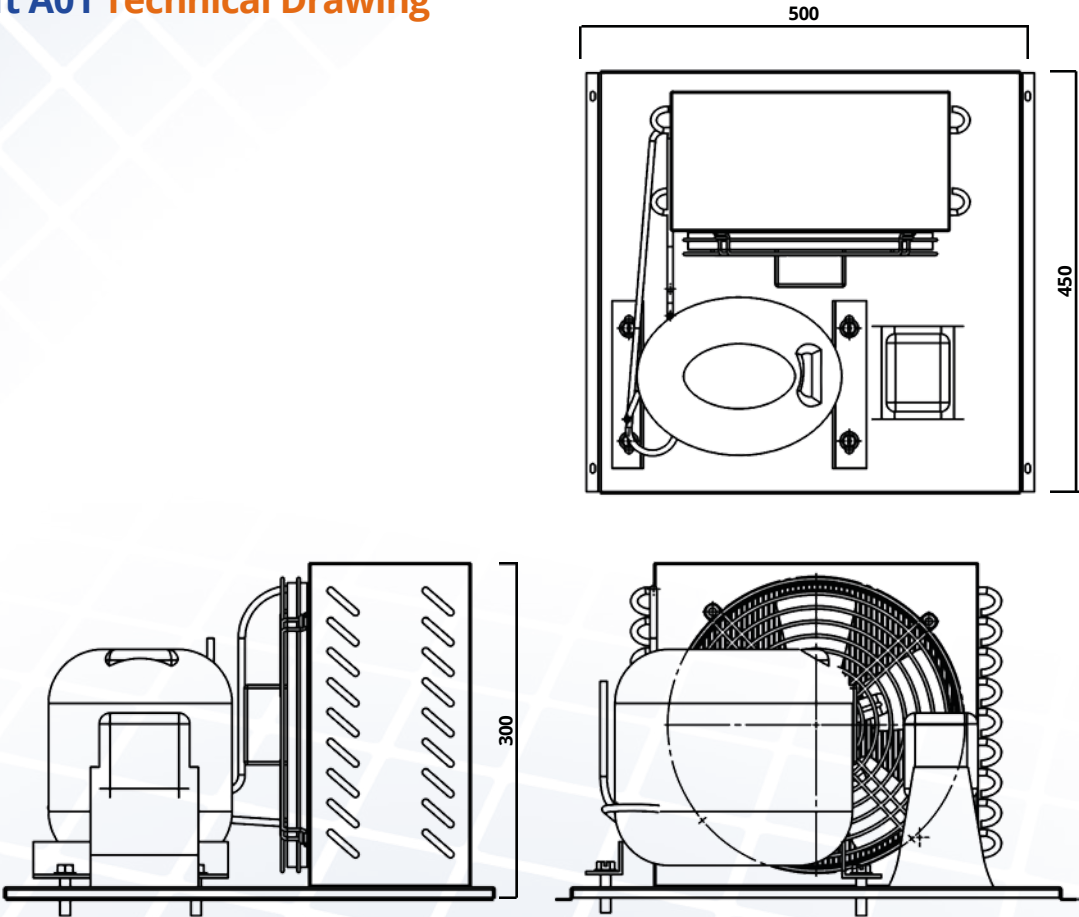
Data of Piston type Embraco and Danfoss compressors and Scroll type Danfoss, Copeland and Daikin compressors are taken from cantassmartselect programme Program link;  
<http://www.cantassmartselect.com>

Data for Tecumseh piston compressors was taken from Selection Program V 2.4\_2015191 named Tecumseh Selection program

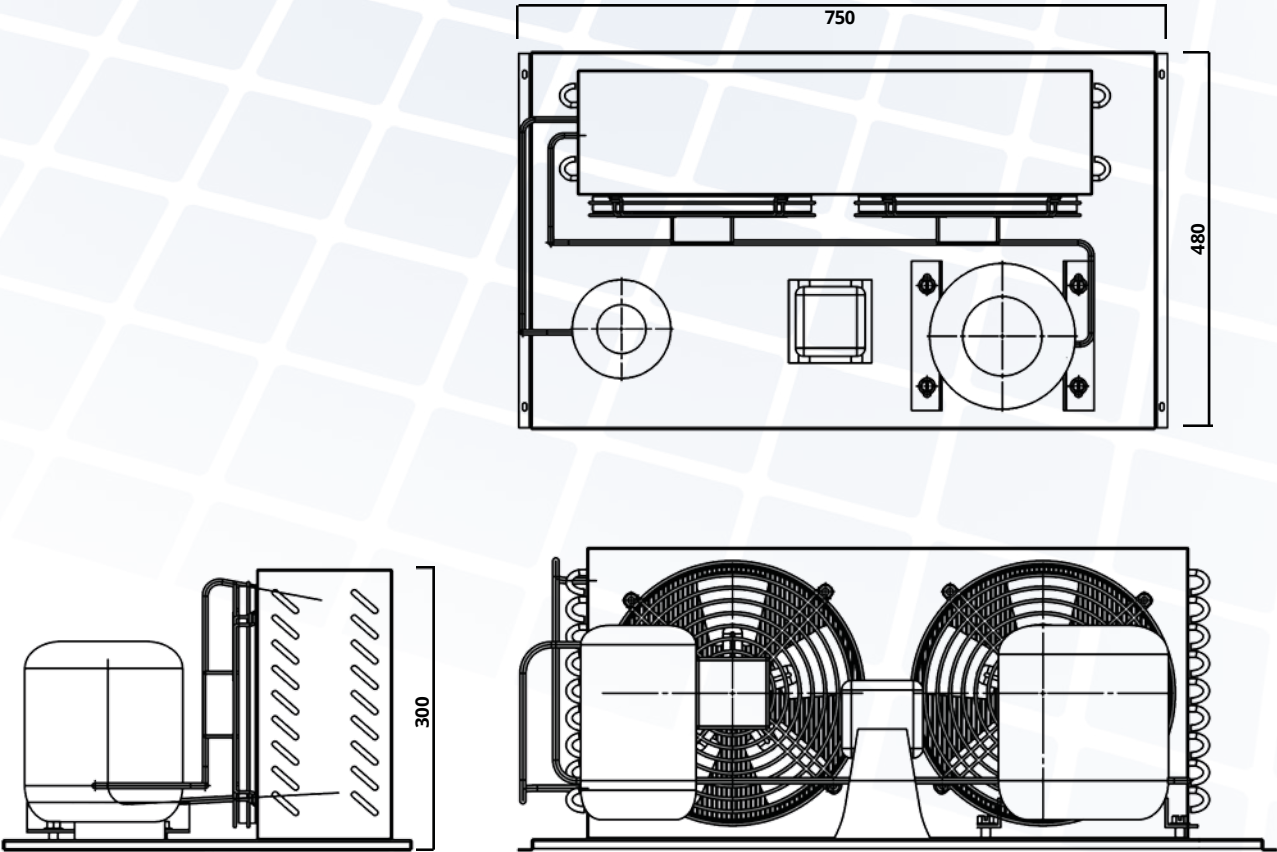
Data for Copeland reciprocating compressors was obtained from Product Selection Software Version 1.0.48 (2) named Emerson PSS program and belongs to R22 refrigerant. In case of changing the oil used in R404A applications, the above mentioned capacities will vary. In addition, this process should be approved by manufacturer. Mechanical components used in compressors operating with polyester oil new refrigerants differ from compressors working on mineral oil and R22 refrigerant. Considering this situation, changing oil without factory approval and using refrigerants out of original ones can lead to major changes in cooling capacities, energy efficiency and cause damage to the compressor, the service life may be shortened as well

[Http://refrigerationandairconditioning.danfoss.com/knowledge-center/software/compass-application/?area=compressor](http://refrigerationandairconditioning.danfoss.com/knowledge-center/software/compass-application/?area=compressor)

Frigocraft A01 **Technical Drawing**

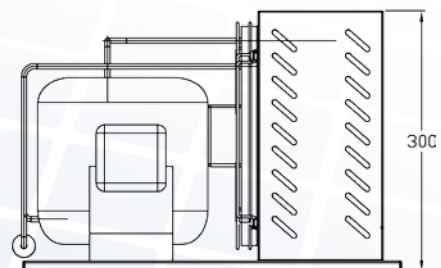
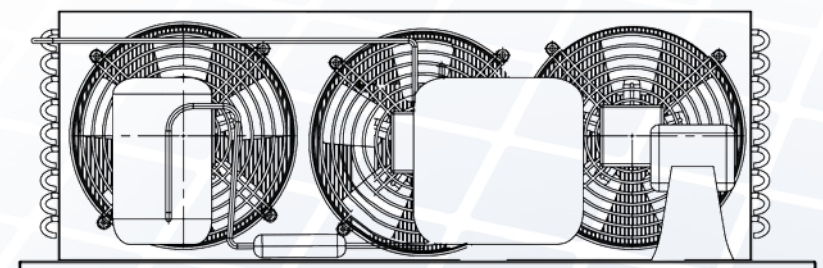
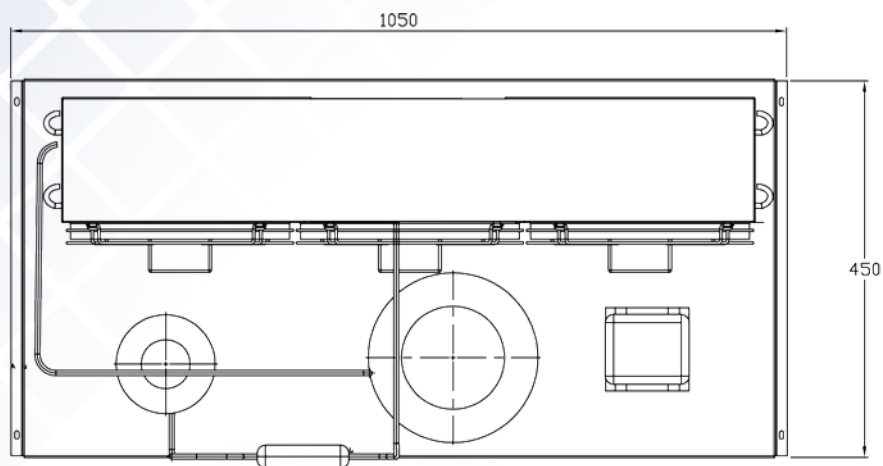


Frigocraft A02 **Technical Drawing**

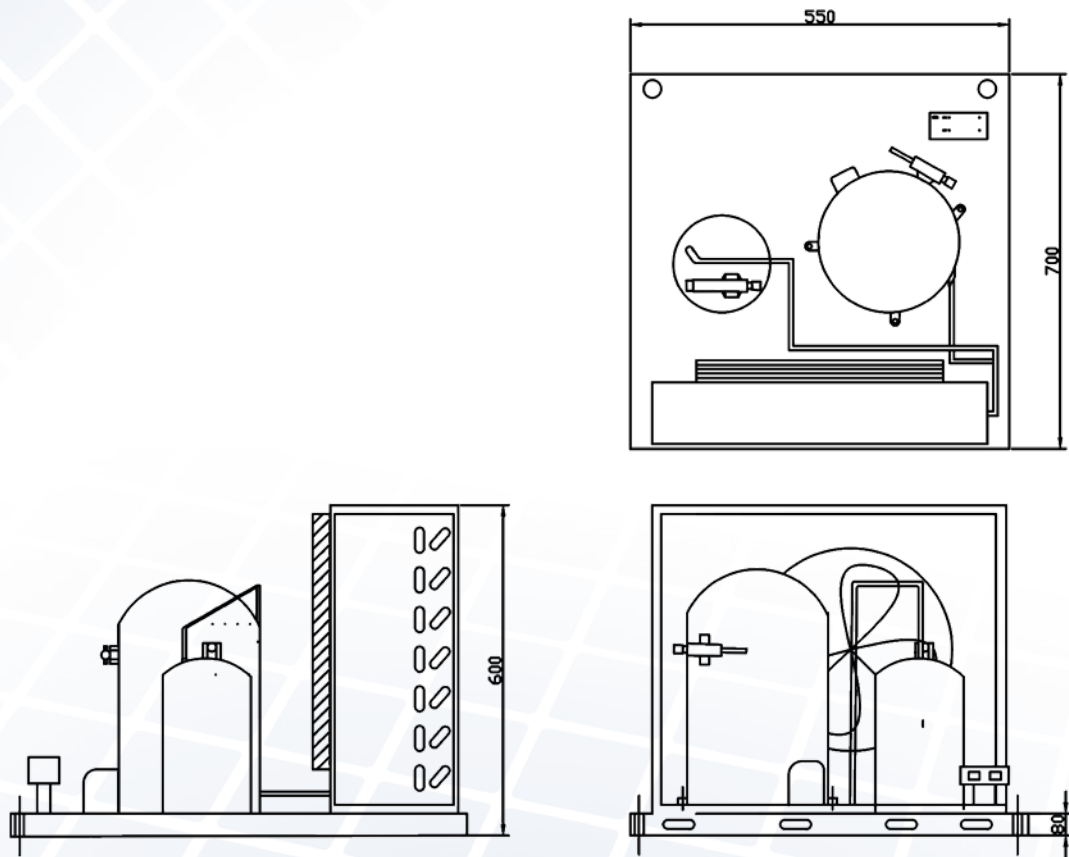




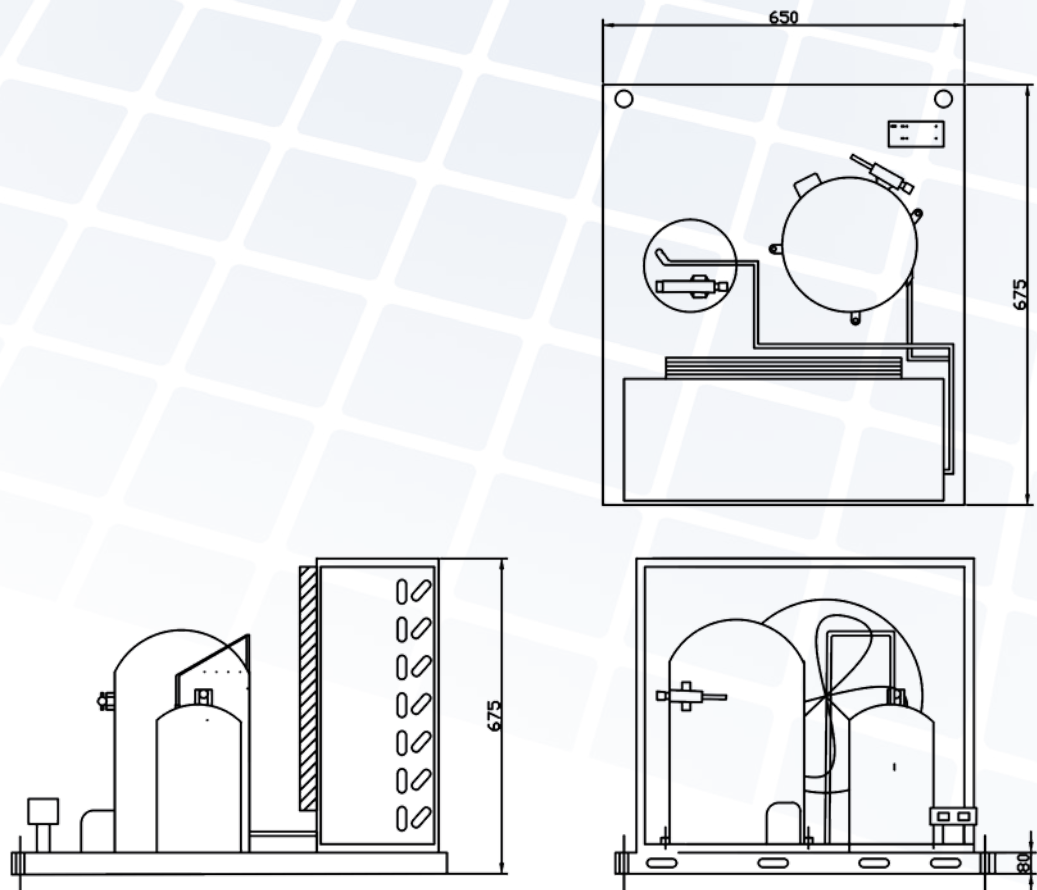
## Frigocraft A03 Technical Drawing



## Frigocraft AS11 Technical Drawing

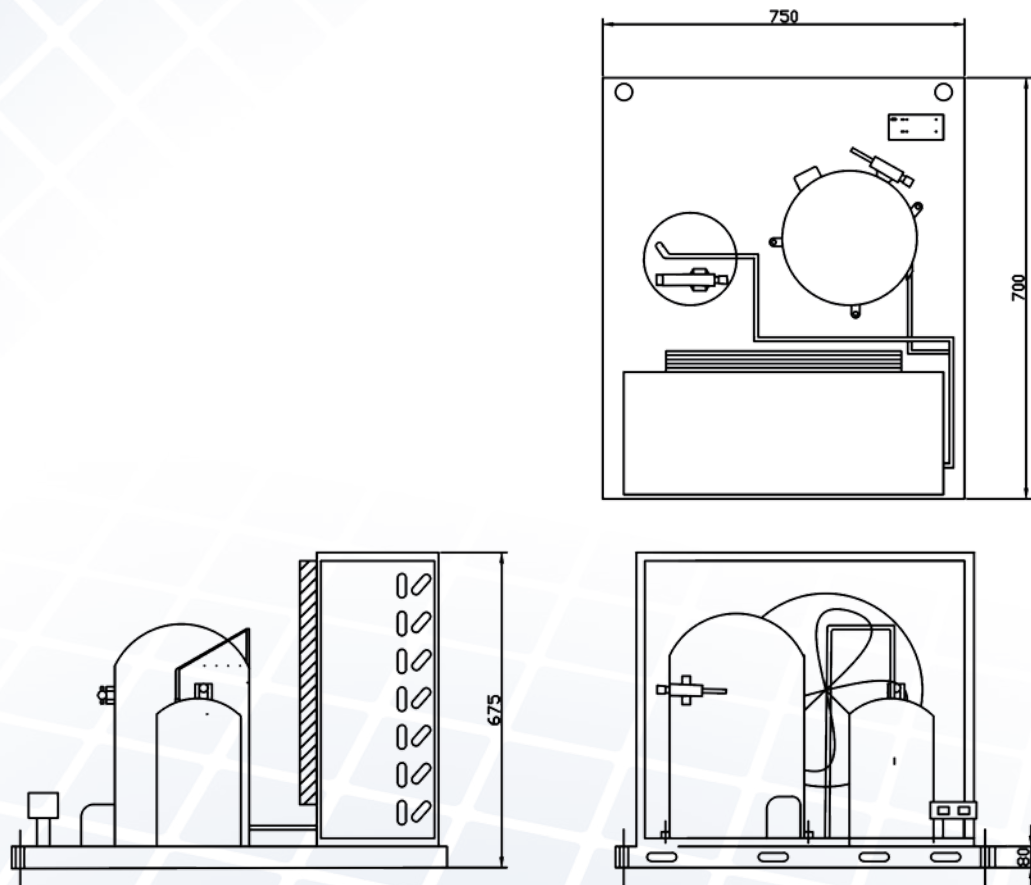


## Frigocraft AS12 Technical Drawing

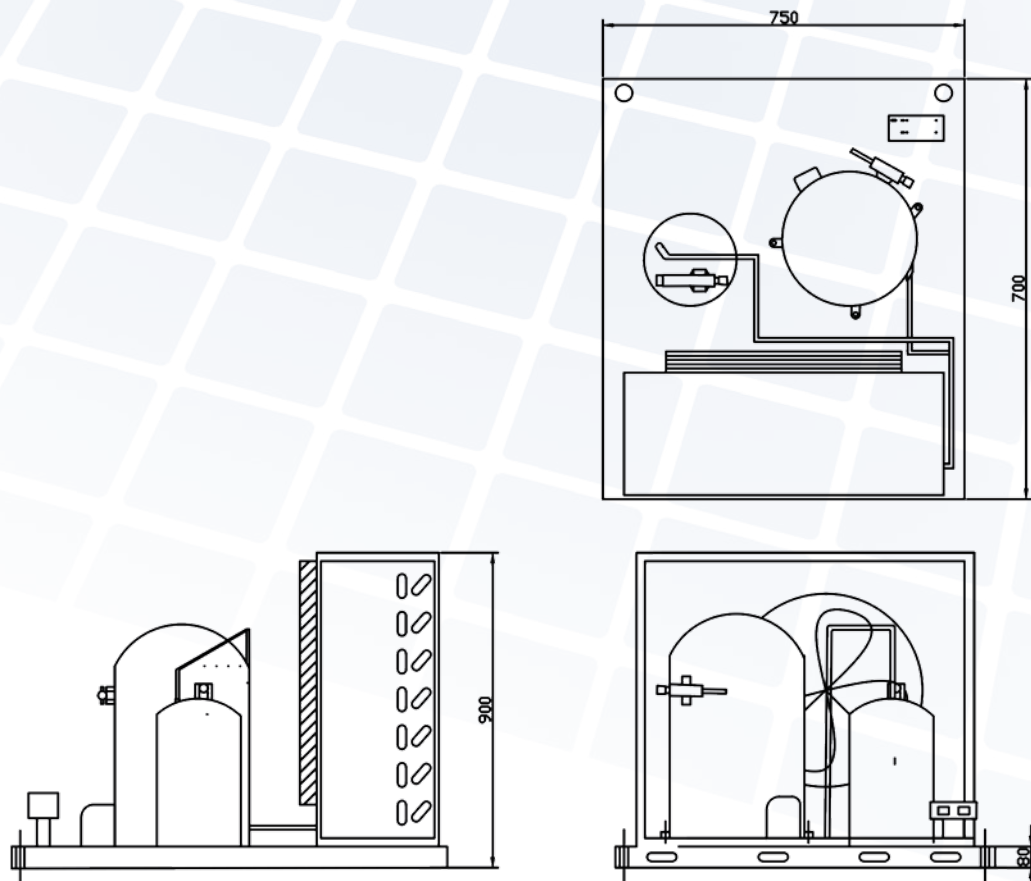




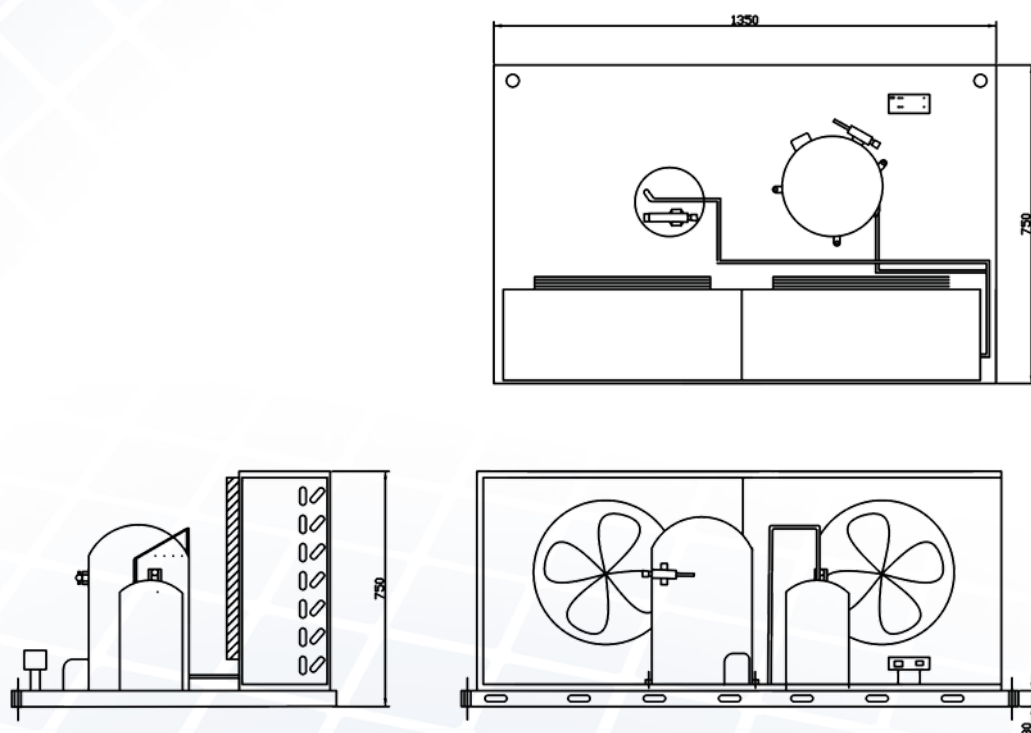
## Frigocraft AS13 Technical Drawing



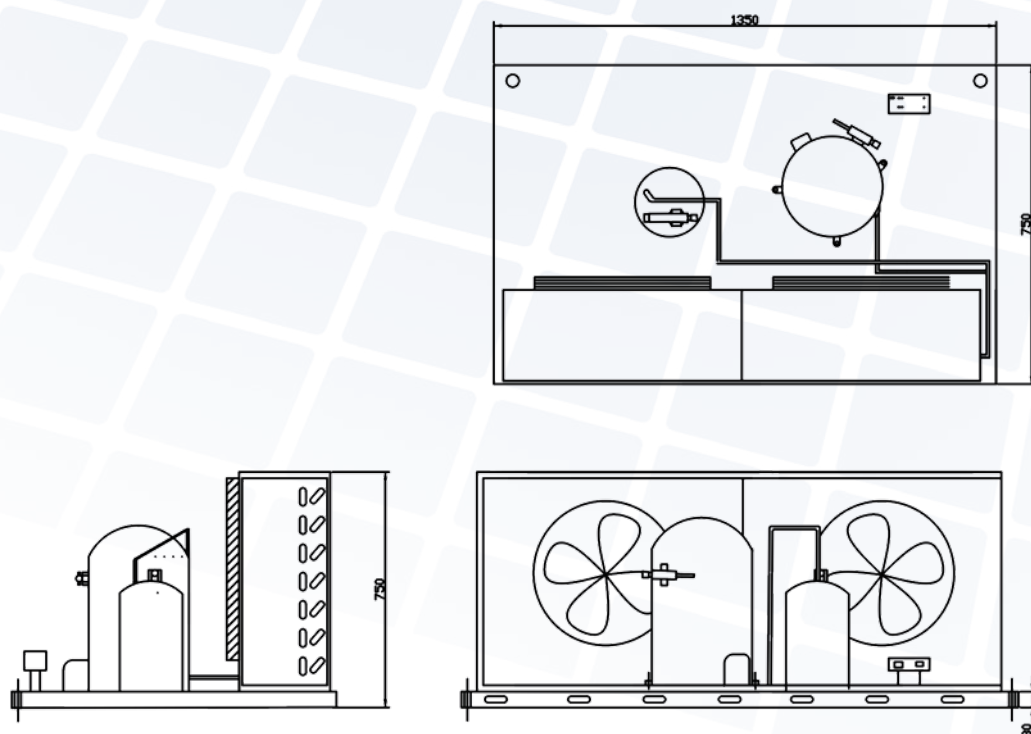
## Frigocraft AS14 Technical Drawing

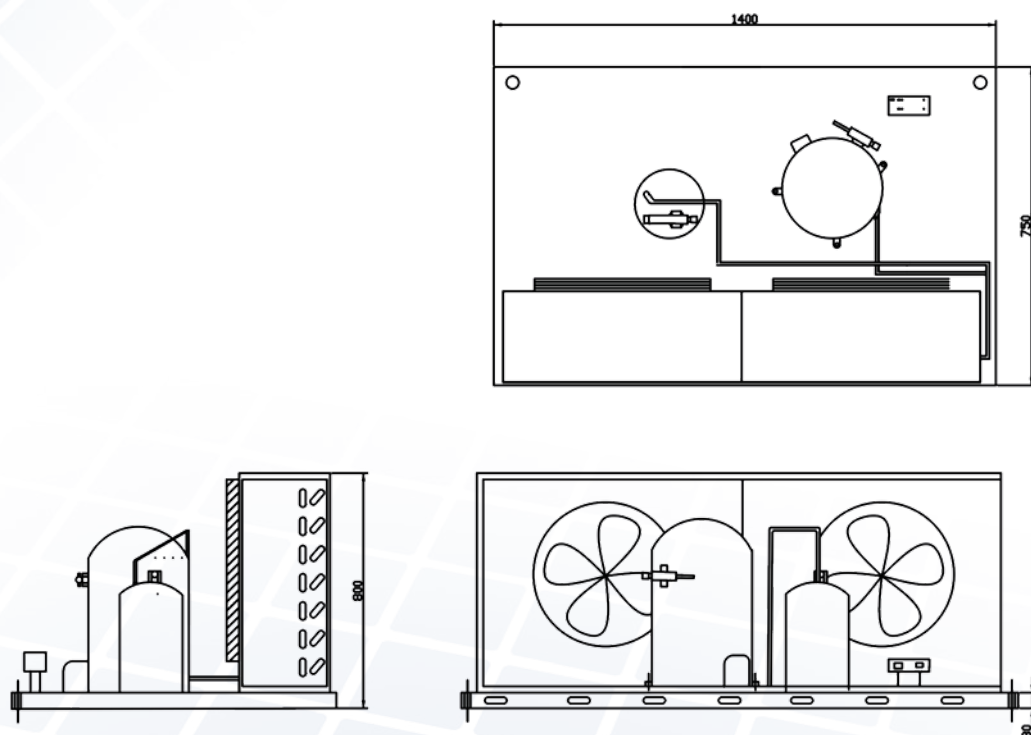


## Frigocraft AS15 Technical Drawing



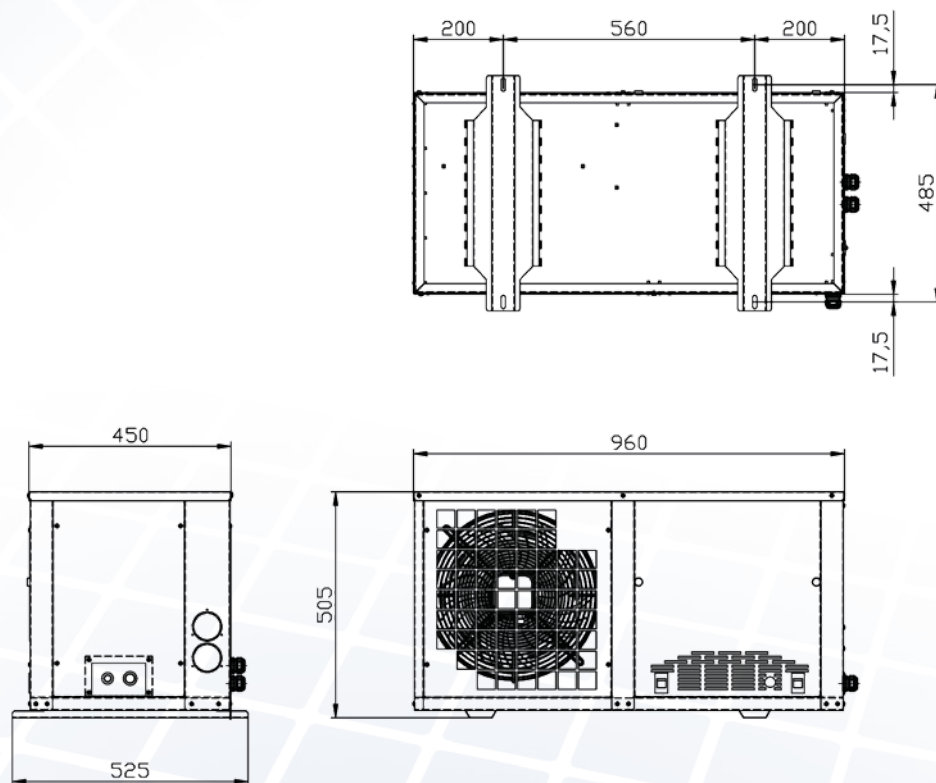
## Frigocraft AS17 Technical Drawing



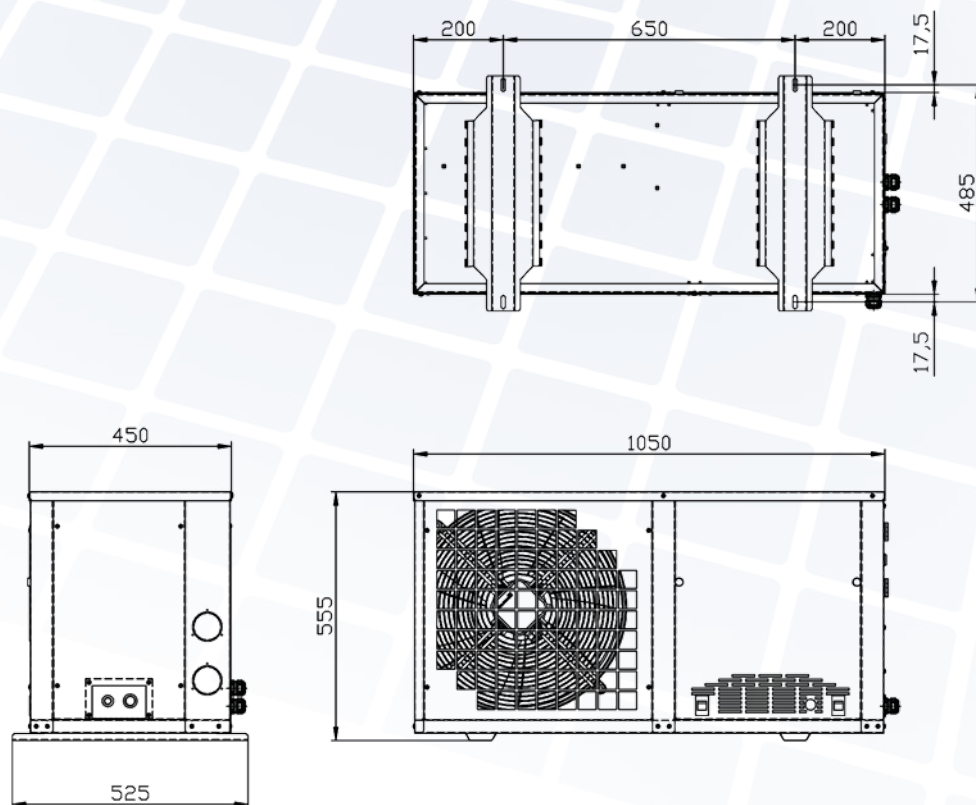




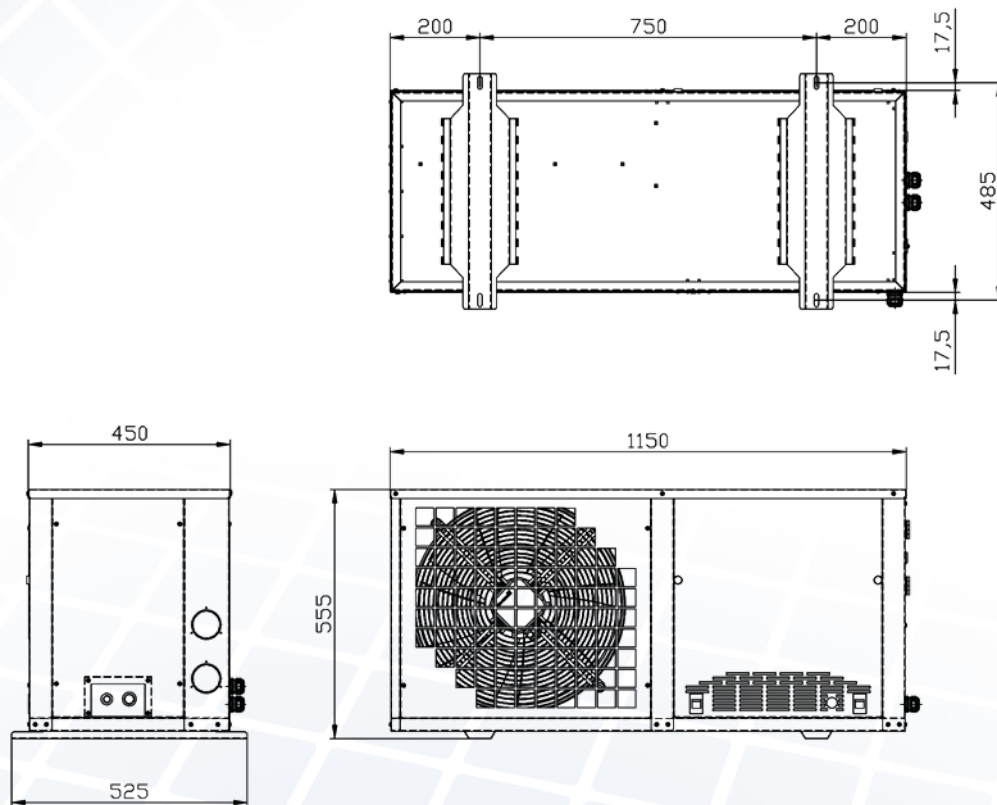
## Frigocraft K01 Technical Drawing



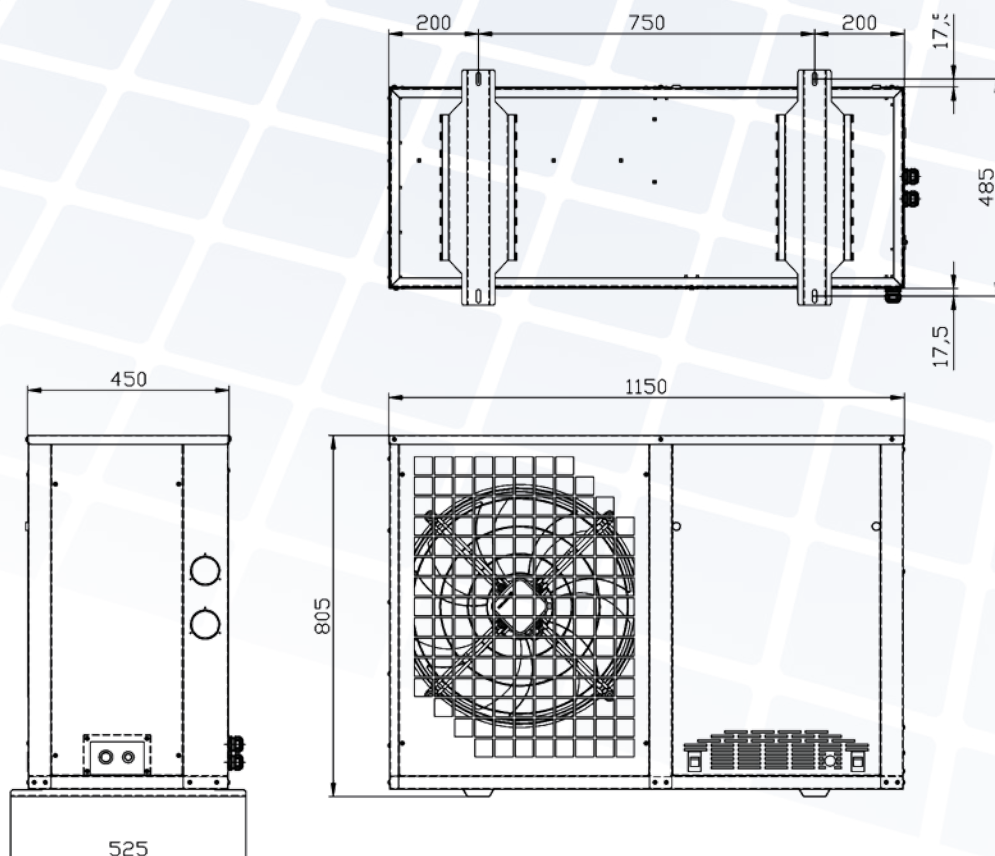
## Frigocraft K02 Technical Drawing



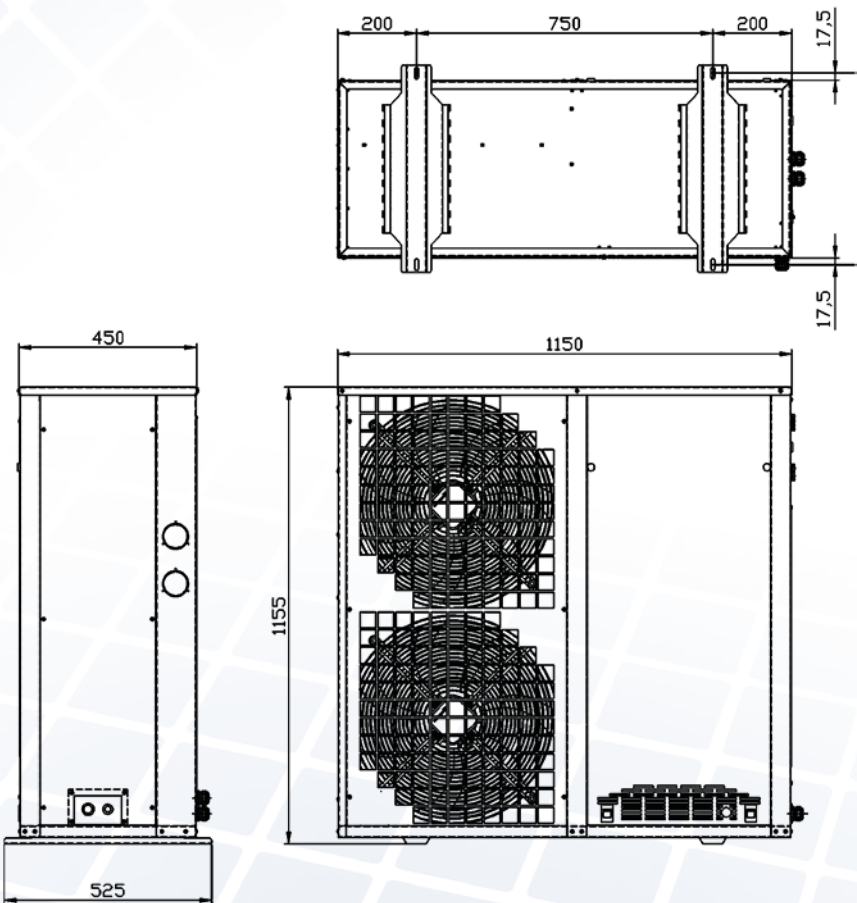
## Frigocraft K03 Technical Drawing



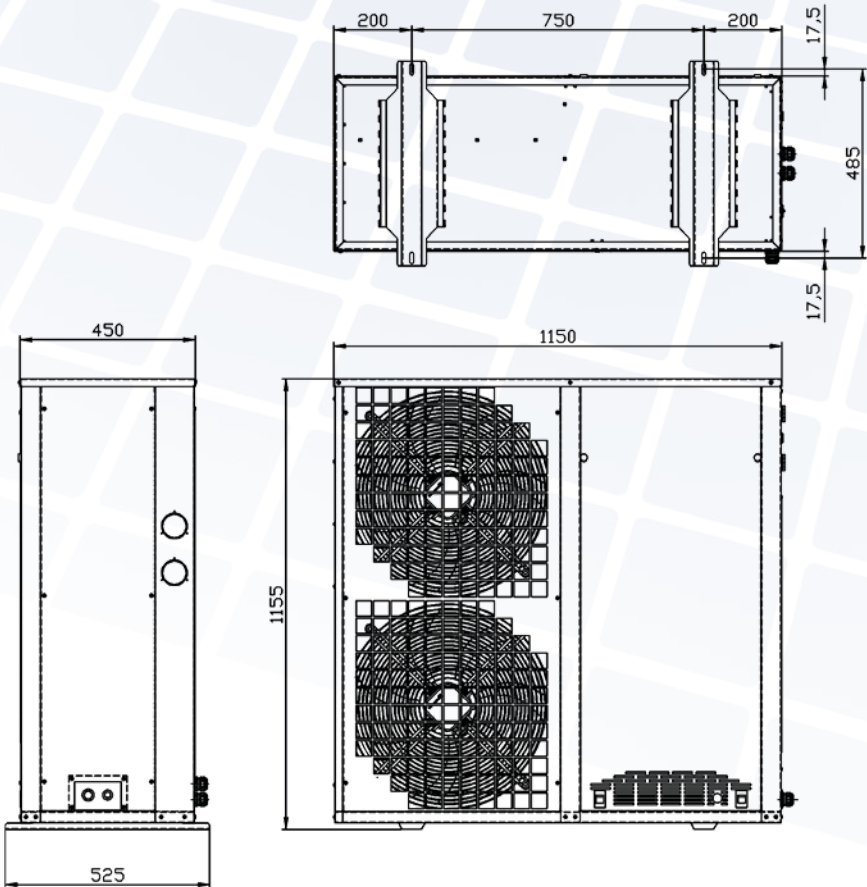
## Frigocraft K04 Technical Drawing



Frigocraft K05 Technical Drawing

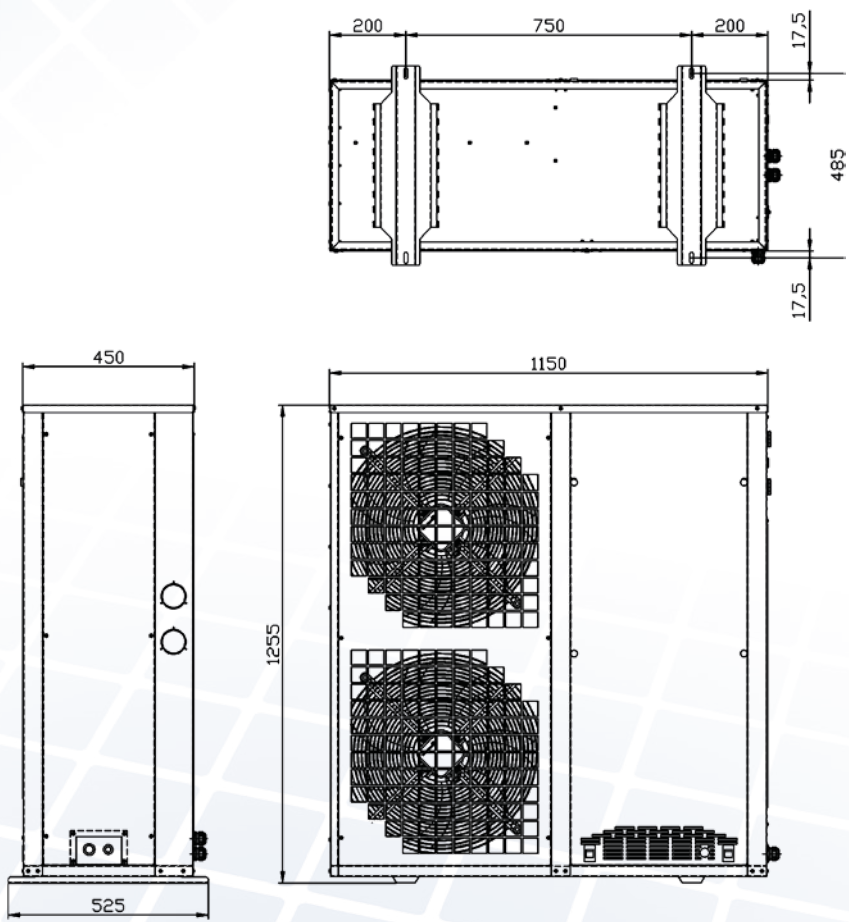


Frigocraft K07 Technical Drawing

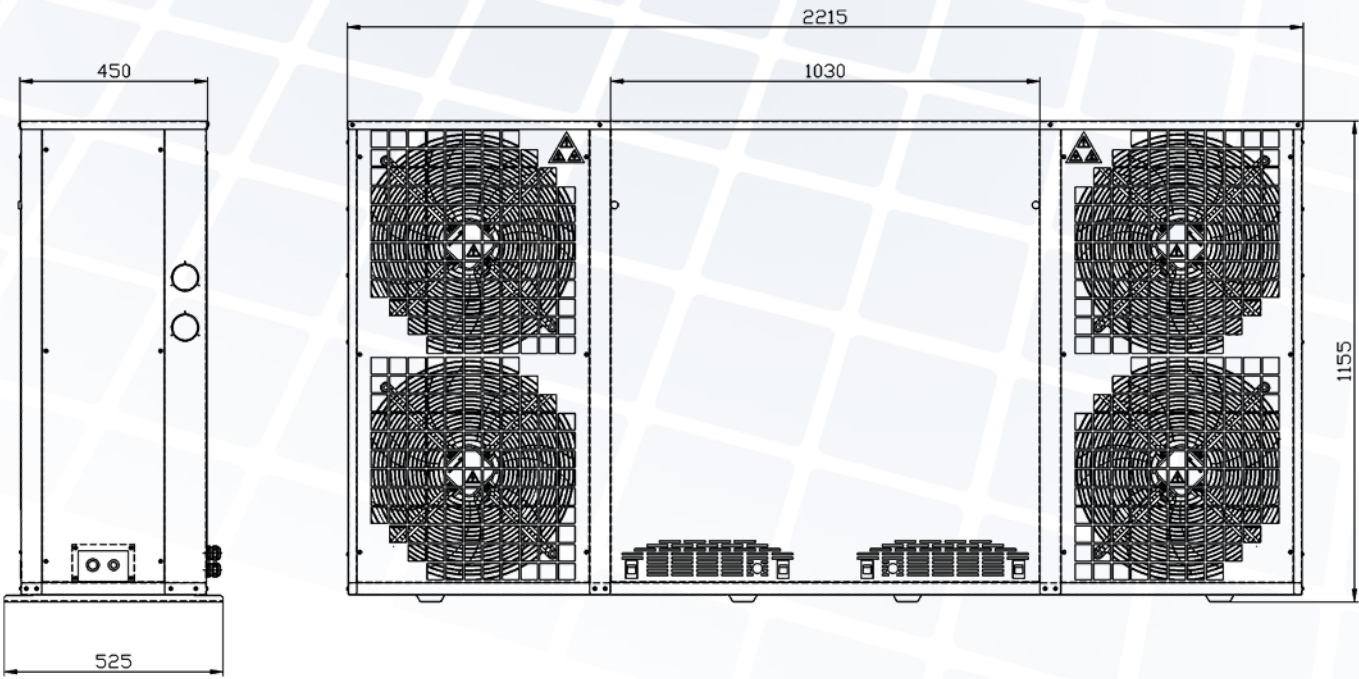




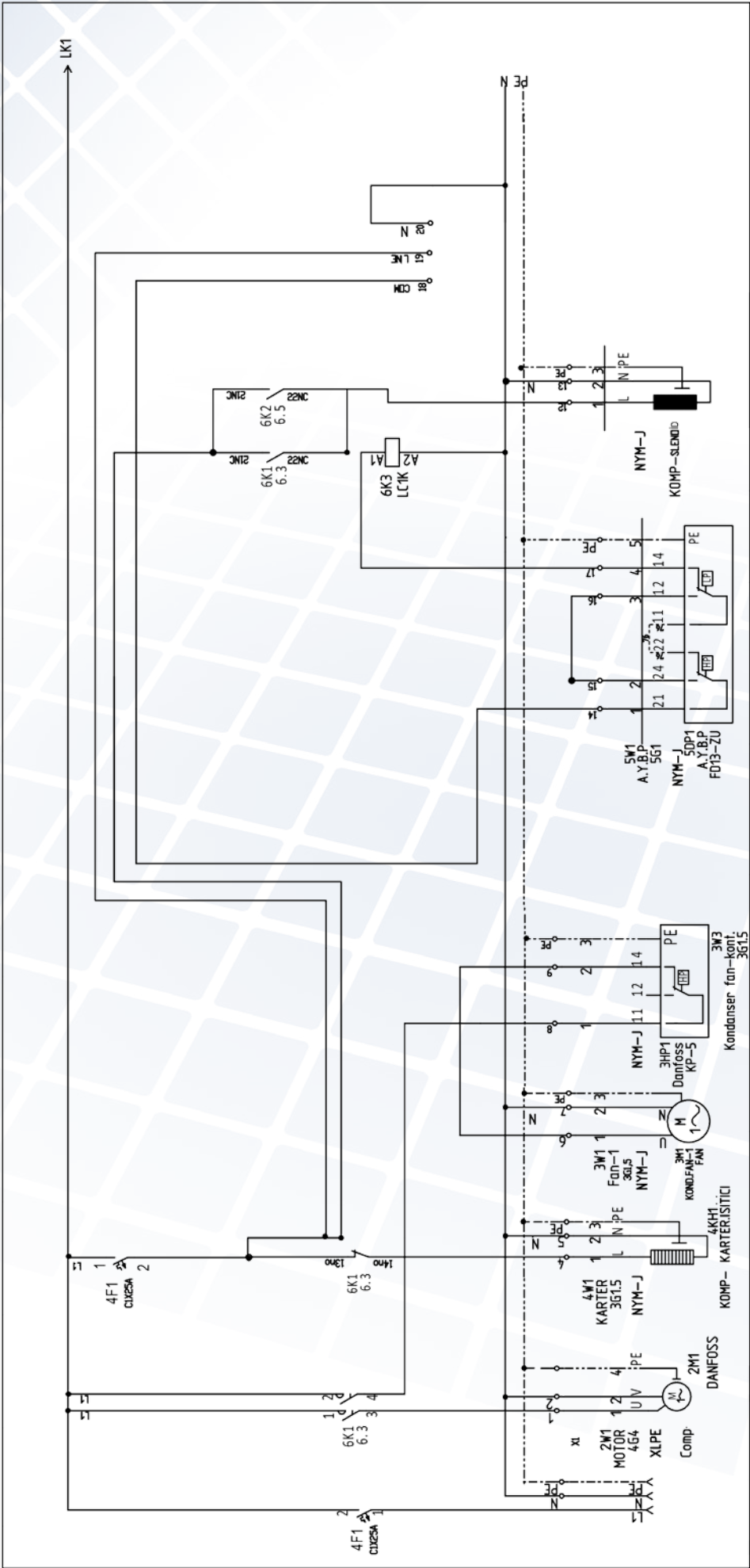
Frigocraft K10 Technical Drawing



Frigocraft K12 Technical Drawing



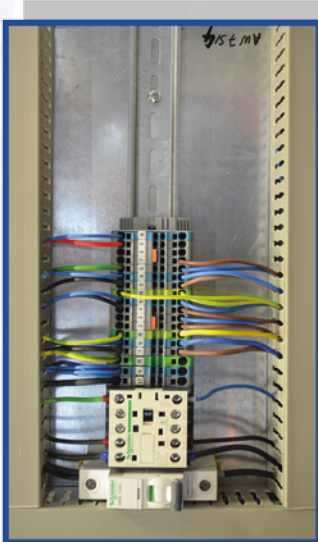
# Electrical Circuit Diagram - Monophase 1 Fan



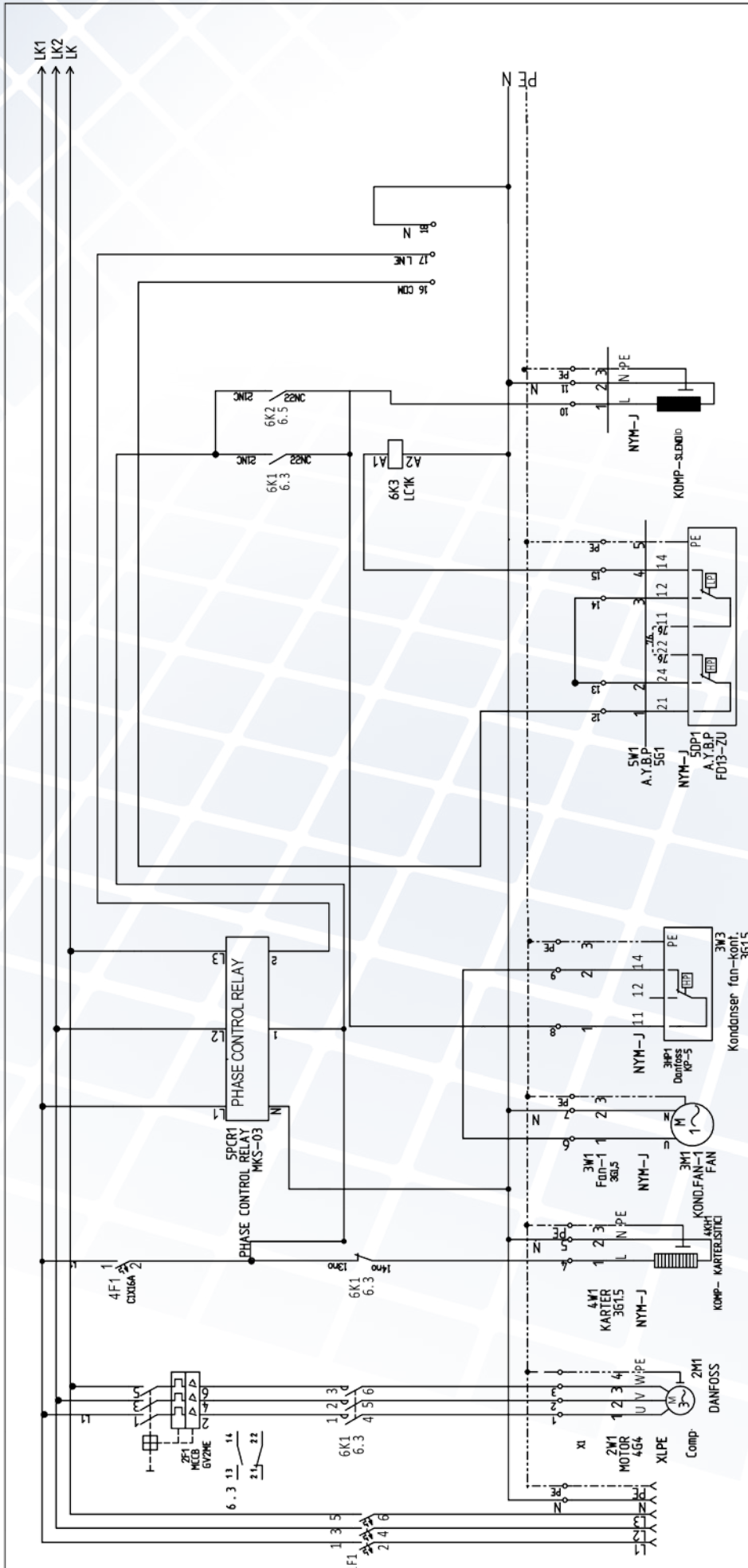
## On Monophase 1 Fan panels;

- World brand reliable equipment (Schneider Electric).
- System protection fuse
- Indoor unit control panel output
- 25x60 mm cable channels
- Easy-to-use service with PYK serial compression terminals as

standard is presented to you.



## Electrical Circuit Diagram - Three-phase 1 Fan



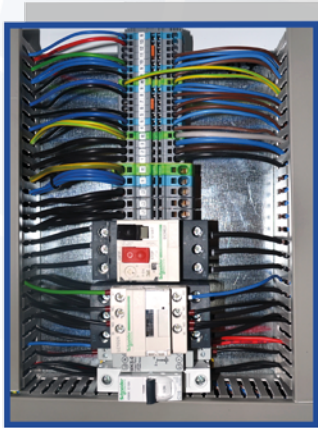
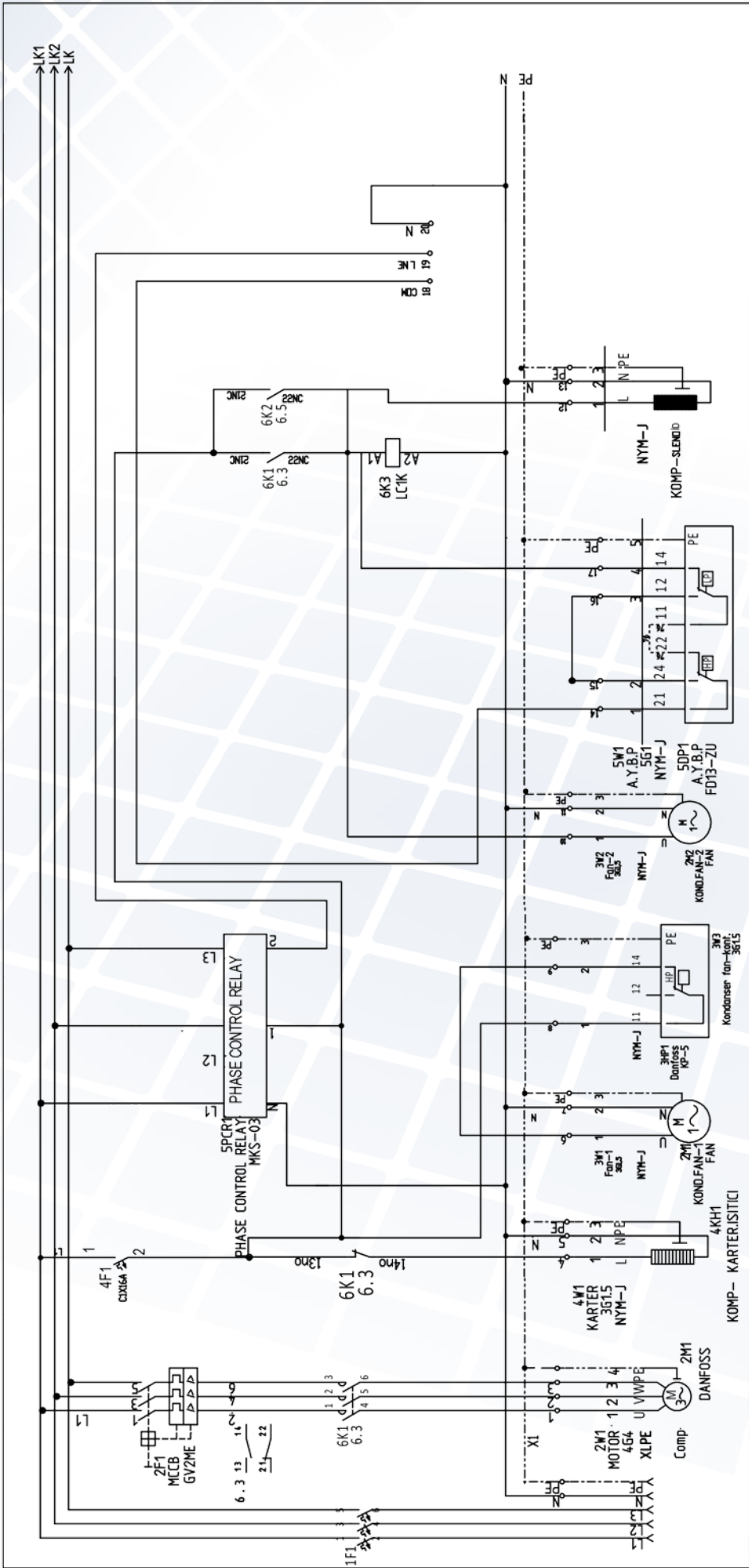
**On Three-phase 1,2 and 4 Fan panels;**

- World brand reliable equipment (Schneider Electric).
- System protection fuse
- Phase protection
- Indoor unit control panel output
- 25x60 mm cable channels
- Easy-to-use service with PYZ serial compression terminals as standard is presented to you.





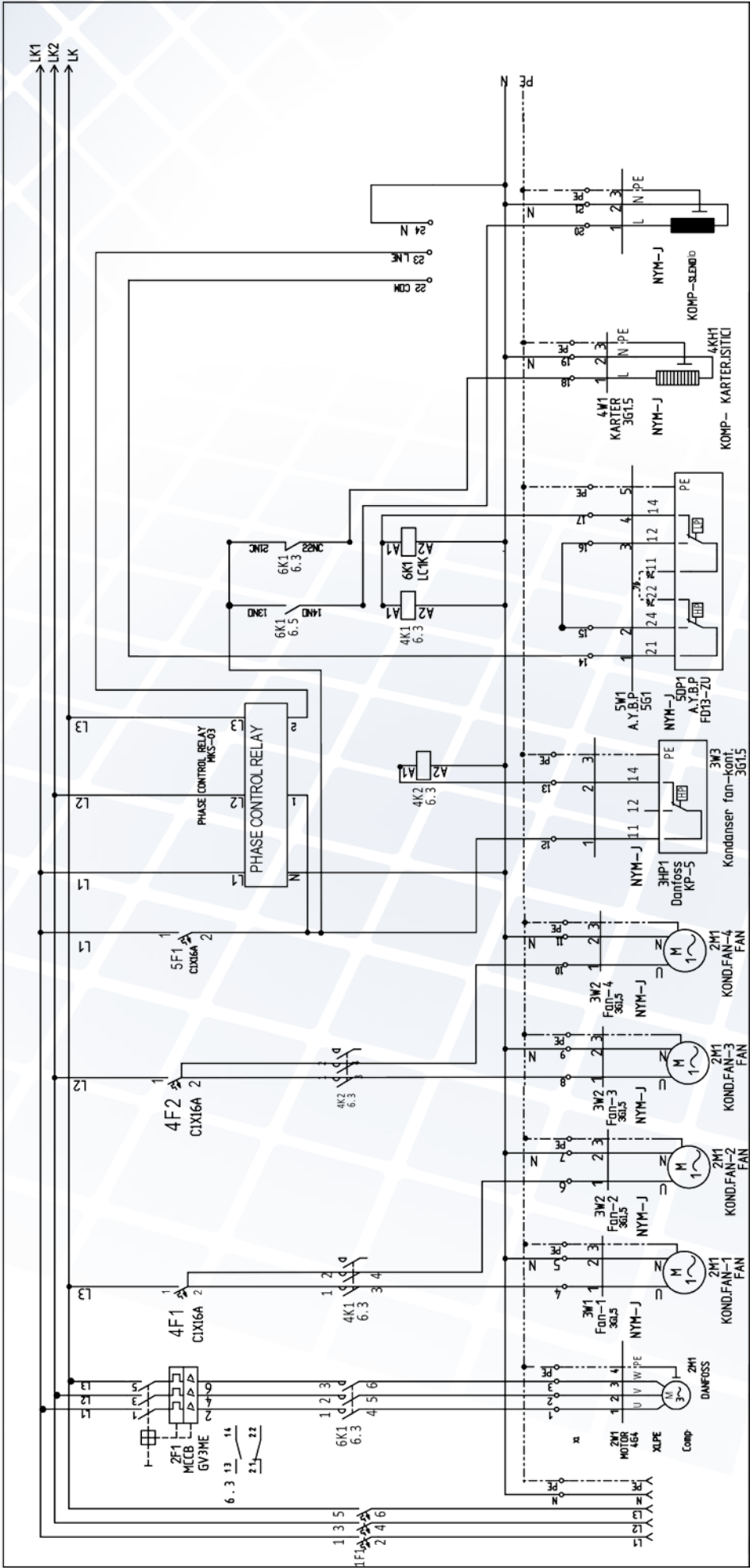
Electrical Circuit Diagram - Three-phase 2 Fans



On Three-phase 1,2 and 4 Fan panels;

- World brand reliable equipment (Schneider Electric).
- System protection fuse
- Phase protection
- Indoor unit control panel output
- 25x60 mm cable channels
- Easy-to-use service with PYK serial compression terminals as standard is presented to you.

# Electrical Circuit Diagram - Three-phase 4 Fans



On Three-phase 1,2 and 4 Fan panels;

- World brand reliable equipment (Schneider Electric).
- System protection fuse
- Phase protection
- Indoor unit control panel output
- 25x60 mm cable channels
- Easy-to-use service with PYK serial compression terminals as standard is presented to you.



# FrigoCraft Indoor Units

## Standard and special production Indoor units

Reliable and instant solution with mass production

### Standard Production;



Single Fan Models



Double Fan Models



Three Fan Models

- Evaporators produced with 1-13 kW capacity range, superior quality and design. Easy installation and convenient water disposal due to perfect design.
- Better heat transfer and higher efficiency according to factors with grooved pipe technology used.
- Easy installation and convenient water disposal due to perfect design.
- Unique Danfoss Quality chosen in expansion valves to provide maximum efficiency in your units.
- Active-defrosting with double-sided resistance technology that allows easy installation and long life.
- FrigoCraft with its workmanship quality and on-time delivery offers reliable and economic solutions in cooling sphere to Indoor units manufacturers.
- A wide range of products with single, double and triple fan according to Cooling Capacity.

### Twin Flow and Corner Ceiling Type Indoor Units;



Twin Flow Indoor Units



Twin Flow Indoor Units



Corner Ceiling Type Indoor Units

- Besides the condensers with standard product design for Indoor units, FrigoCraft offers custom designs for OEM;
- Indoor units are designed specifically according to needs differing depending on application area and unit manufacturer.
- Error-free work with MOB technology chosen for your special or high capacity applications on expansion valves.
- Active-defrosting with double-sided resistance technology that allows easy installation and long life.
- FrigoCraft with its workmanship quality and on-time delivery offers reliable and economic solutions in cooling sphere to Indoor units manufacturers. -- A wide range of products with single, double and triple fan according to Cooling Capacity.

### Stainless Cassette Indoor Units;



Stainless Cassette Twin Flow Indoor Units



Stainless Cassette Indoor Units



Stainless cassette Corner Ceiling Type Indoor Units

- FrigoCraft Indoor units have special designs that differ according to the place of use.
- Thanks to the stainless cassette, provides high hygiene and high corrosion resistance in accordance with needs
- Due to optional epoxy lamella technology it provides high hygiene by holding less water on the surface of plate and with higher fin resistance.
- Active-defrosting with double-sided resistance technology that allows easy installation and long life.
- A wide range of products with single, double and triple fan according to Cooling Capacity.



# FrigoCraft Indoor Units Nomenclature

## Product Nomenclature Table

EB	3	30	AC	6	A05	K	P
Operating Regime	Fan number	Fan Diameter	Body Type	Fin space	Fan Type	Chassis Type	Casing Type
EB-Standard Evaporator	1: One Fan	30: 300mm Diameter Fan		6: 6mm Fin space	A05:Q motor Fan		No-Electrostatic Powder Coated
EA-Standard Evaporator	2: Two Fan	35: 350mm Diameter Fan		8: 8mm Fin space	A01:Axial Fan		P-Stainless
ED-Twin Flow Evaporator	3: Three Fan	40: 400mm Diameter Fan		10: 10mm Fin space			
EG-Corner Ceiling Type Evaporator	4: Four Fan	45: 450mm Diameter Fan					
EK-Blast Freezer	6: Six Fan	50: 500mm Diameter Fan					
		63: 630mm Diameter Fan					

\* When you see this symbol, on the units with compressor models two Indoor units are used and are included in the total price of the unit.

For stainless cassette product selection, addition of 4 digits at the end of the product code will be enough.

### Example;

Standard Indoor Unit Code: 86.10.090 - **EB-235AC6-A01-S**

Stainless Interior Unit Code: 86.10.094 - **EB-235AC6-A01-SP**

## Sample Product Naming

**EB-330AC6-A05-K-P**

**P** : Stainless Cassette  
**K** : Chassis Type  
**A05** : Fan Type  
**6** : Product Fin space  
**AC** : CaseType  
**30** : Fan Diameter  
**3** : Fan Number  
**EB** : Evaporator Type

The widest range of products with 7 different body types to meet every need

### Reliable, trackable superior quality mass production



Integrated Quality Management System;  
 ISO9001:2008 Quality Management System  
 ISO14001: Environmental Management System  
 BS OHSAS18001:2007: Occupational Health and Safety Management System  
 CE: OSE-15-0707/01 2006/42/AT Machinery Safety Regulations Compliance Confirmation

### Transportation, storage, installation and service with innovative design have never been so easy

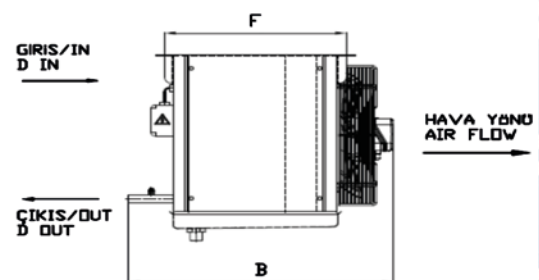
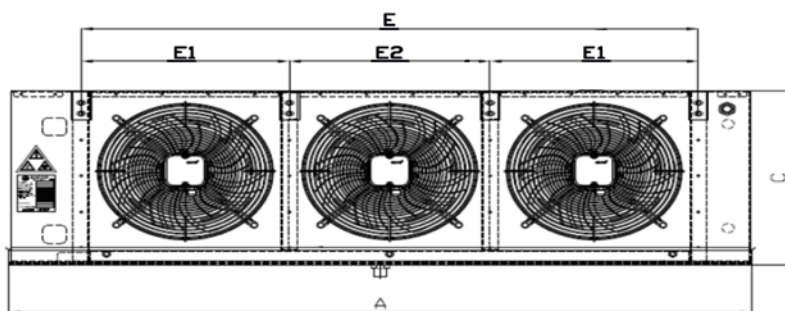
Instant delivery of senior quality packages from stock

# Indoor Units Standart Serie

Fin Spacing	Product Code	Model	Cold Room	Frozen Room	Surface Area	Internal Volume	Airflow	Air Throw
			SC2 T <sub>ev</sub> =-8°C ΔT=8°C	SC3 T <sub>ev</sub> =-25°C ΔT=7°C				
mm			W	W	m <sup>2</sup>	dm <sup>3</sup>	m <sup>3</sup> /h	m
6 mm	86.10.010	EB-130AB6-A05-S	1032	-	4,3	0,7	1300	6,3
	86.10.020	EB-130AB6-A05-K	1388	-	4,5	1,0	1300	6,2
	86.10.030	EB-130BC6-A05-K	2125	-	7,5	1,7	1300	6,3
	86.10.040	EB-230AB6-A05-K	3013	-	9,0	2,1	2500	6,2
	86.10.050	EB-230AC6-A05-K	3558	-	11,9	2,7	2300	5,8
	86.10.060	EB-230BC6-A05-K	4277	-	14,9	3,4	2600	6,3
	86.10.070	EB-230AE6-A05-K	4363	-	17,9	4,0	2000	5,1
	86.10.080	EB-330AC6-A05-K	5347	-	17,9	4,1	3400	5,8
	86.10.090	EB-235AC6-A01-S	5971	-	19,9	4,6	5400	11,3
	86.10.100	EB-235AC6-A01-K	7446	-	22,8	5,2	5400	11,3
	86.10.110	EA-240AC6-A01-K	8625	-	28,0	7,6	6400	12
	86.10.120	EB-240AC6-A01-K	9137	-	27,7	6,4	7000	12,9
	86.10.130	EB-245AC6-A01-K	10301	-	27,7	6,4	10300	17,2
	86.10.140	EA-245AC6-A01-K	11990	-	38,4	10,8	10500	18
	86.10.150	EA-245AE6-A01-K	13087	-	41,4	9,2	9000	15,5
8 mm	86.20.010	EB-130AB8-A05-S	-	952	3,5	1,0	1350	6
	86.20.020	EA-130AC8-A05-K	-	1394	5,9	2,2	1300	6
	86.20.030	EB-130AE8-A05-S	-	1668	7,8	2,8	1165	7
	86.20.040	EB-230AE8-A05-S	-	2487	8,7	2,6	2800	7
	86.20.050	EB-230BC8-A05-S	-	3095	11,6	3,4	2800	6,1
	86.20.060	EB-330BB8-A05-S	-	3641	13,0	3,9	4300	6
	86.20.090	EB-235AD8-A05-S	-	4858	15,3	4,3	5550	11,5
	86.20.100	EB-235AC8-A05-S	-	5326	17,7	5,2	5750	11,5
	86.20.110	EA-335AC8-A01-K	-	7257	25,4	9,3	7600	11
	86.20.120	EA-250AC8-A01-K	-	10739	38,4	14,0	14400	21

Indoor Units, Fan Motors, Defrost Heaters and Expansion Valves are delivered after making installation. These items are included in the indoor unit prices. Indoor units with Q Motor fans use Frigocraft, indoor units with axial fan use Ziehl-Abegg fan motors. Danfoss brand expansion valves are used.

Fans				Electric Defrost			Dimensions							Inlet diameter	Outlet diameter
Piece	Diameter	Power	Current	R1	R2										
				Coil	Coil	Drip Tray									
n	mm	W	A	W	W	W	mm	mm	mm	mm	mm	mm	mm	inch	inch
1	300	120	0,87	0,84	-	-	727	520	415	455	-		345	1/2"	1/2"
1	300	120	0,87	0,84	-	-	727	520	415	455	-	-	345	1/2"	1/2"
1	300	120	0,87	1,58	-	-	832	520	415	560	-		345	1/2"	5/8"
2	300	2x120	2x0,87	2,52	-	-	1147	520	415	875	438		345	1/2"	3/4"
2	300	2x120	2x0,87	2,52			1147	520	415	875	438		345	1/2"	3/4"
2	300	2x120	2x0,87	3,15	-	-	1357	520	415	1085	543		345	1/2"	3/4"
2	300	2x120	2x0,87	2,52	-	-	1147	520	415	875	438		345	1/2"	3/4"
3	300	3x120	3x0,87	3,78	-	-	1567	520	415	1295	438	420	345	1/2"	7/8"
2	350	2X154	2X0,83	4,2	-	-	1357	520	542	1085	618	-	345	5/8"	1 1/8"
2	350	2X154	2X0,83	4,8	-	-	1507	520	542	1235	618	-	345	5/8"	1 1/8"
2	400	2X268	2X1,34	5,2			1407	586	605	1135	568	-	395	5/8"	1 3/8"
2	400	2X268	2X1,34	5,2	-	-	1607	650	606	1335	668	-	445	5/8"	1 3/8"
2	450	2X398	2X1,75	5,2	-	-	1607	650	606	1335	668	-	445	5/8"	1 1/8"
2	450	2X398	2X1,75	5,6	-	-	1707	590	645	1435	718	-	395	1 1/8"	1 5/8"
2	450	2X398	2X1,75	5,2	-	-	1607	650	606	1335	668	-	445	3/4"	1 5/8"
1	300	120	0,87	-	0,84	0,84								1/2"	1/2"
1	300	120	0,87	-	1,68	0,84	727	517	445	455	-	-	345	1/2"	1/2"
1	300	120	0,87	-	1,26	0,84	857	517	445	585	-	-	345	1/2"	3/4"
2	300	2x120	2x0,87	-	3,2	2,1	1357	520	415	1085	543		345	5/8"	3/4"
2	300	2x120	2x0,87	-	3,2	2,1	1357	520	415	1085	543		345	5/8"	1 1/8"
3	300	3x120	3x0,87	-	4,74	3,16	1882	520	415	1535	517,5	500	345	5/8"	1 1/8"
2	350	2X154	2X0,83	-	4,2	2,1	1357	520	542	1085	618	-	345	5/8"	1 1/8"
2	350	2X154	2X0,83	-	4,8	2,4	1507	520	542	1235	618	-	345	5/8"	1 3/8"
3	350	3X154	3X0,83	-	6	3	1807	523	525	1535	517,5	500	345	7/8"	1 3/8
2	500	2x750	2x3,3	-	6,8	3,4	2007	590	685	1735	868	-	395	7/8"	1 3/8





# Indoor Units Matching Table - Standart Serie



Application Type	Product Code	Model	Cold Room	Frozen Room	Surface Area	Unit Code	Embraco-Danfoss Hermetic	Quantity of Evaporator	Unit Code
			SC2 Tev=-8°C ΔT=8°C	SC3 Tev=-25°C ΔT=7°C					
			W	W	m²		Model	Pcs	
COLD STORAGE	86.10.010	EB-130AB6-A05-S	1.032		4,30	80.10.005	M006-K01.SZ4135.NE6215.EP5	1	
						80.10.010	M008-K01.SZ4135.NT6220.EP5	1	
	86.10.020	EB-130AB6-A05-K	1.388		4,50	80.10.015	M012-K01.SZ4135.NT6222.EP5	1	
						80.10.020	M016-K01.SZ4135.NT6226.EP5	1	
	86.10.030	EB-130BC6-A05-K	2.125		7,50	80.10.030	M020-K01.SZ4135.NJ9232.EP5	1	
						80.10.040	M026-K02.SZ4140.NJ9238.EP5	1	80.20.020
	86.10.040	EB-230AB6-A05-K	3.013		9,00	80.10.060	M026-K02.SZ4140.NJ9238.EP4	1	
						80.10.070	M030-K02.SZ4140.MTZ022.DP4	1	
	86.10.050	EB-230AC6-A05-K	3.558		11,90				80.20.030
	86.10.060	EB-230BC6-A05-K	4.277		14,90	80.10.080	M040-K02.SZ4140.MTZ028.DP4	1	80.20.040
								1	80.20.070
	86.10.070	EB-230AE6-A05-K	4.363		17,90	80.10.090	M055-K03.SZ4145.MTZ032.DP4	1	
	86.10.080	EB-330AC6-A05-K	5.347		17,90	80.10.100	M070-K03.SZ4145.MTZ036.DP4	1	80.20.050
								1	80.20.080
	86.10.090	EB-235AC6-A01-S	5.971		19,90	80.10.110	M080-K04.SZ4145.MTZ040.DP4	1	80.20.090
						80.10.120	M088-K04.SZ4145.MTZ044.DP4	1	
	86.10.100	EB-235AC6-A01-K	7.446		22,80	80.10.130	M100-K04.SZ4150.MTZ050.DP4	1	80.20.100
						80.10.140	M115-K04.SZ4150.MTZ056.DP4	1	
	86.10.110	EA-240AC6-A01-K	8.625		28,00	80.10.150	M135-K05.SZ4240.MTZ064.DP4	1	80.20.130
						80.10.200	M220-K12.SZ4445.MTZ125.DP4	2	80.20.190
	86.10.120	EB-240AC6-A01-K	9.137		27,70				80.20.200
	86.10.130	EB-245AC6-A01-K	10.301		27,70	80.10.160	M150-K07.SZ4245.MTZ072.DP4	1	80.20.150
						80.10.210	M270-K12.SZ4450.MTZ144.DP4	2	80.20.160
	86.10.140	EA-245AC6-A01-K	11.990		38,40	80.10.170	M160-K07.SZ4245.MTZ080.DP4	1	
						80.10.220	M300-K12.SZ4450.MTZ160.DP4	2	
	86.10.150	EA-245AE6-A01-K	13.087		41,40	80.10.180	M180-K10.SZ4250.MTZ100.DP4	1	80.20.170
FROZEN STORAGE	86.20.010	EB-130AB8-A05-S		952	3,50	80.15.015	L004-K01.SZ4135.NE2178.EP5	1	
						80.15.020	L006-K01.SZ4135.NT2192.EP5	1	
	86.20.020	EA-130AC8-A05-K		1.394	5,90	80.15.030	L010-K01.SZ4135.NT2212.EP5	1	80.25.020
						80.15.040	L010-K01.SZ4135.NJ2212.EP4	1	
	86.20.030	EB-130AE8-A05-S		1.668	7,80	80.15.050	L013-K01.SZ4135.NTZ048.DP4	1	80.25.030
									80.25.040
	86.20.040	EB-230AE8-A05-S		2.487	8,70	80.15.060	L024-K02.SZ4140.NTZ068.DP4	1	80.25.050
	86.20.050	EB-230BC8-A05-S		3.095	11,60	80.15.070	L032-K02.SZ4140.NTZ096.DP4	1	80.25.060
	86.20.060	EB-330BB8-A05-S		3.641	13,00	80.15.080	L040-K03.SZ4145.NTZ108.DP4	1	
	86.20.090	EB-235AD8-A05-S		4.858	15,30	80.15.090	L055-K04.SZ4145.NTZ136.DP4	1	
	86.20.100	EB-235AC8-A05-S		5.326	17,70	-	-		
	86.20.110	EA-335AC8-A01-K		7.257	25,40	80.15.110	L085-K05.SZ4240.NTZ215.DP4	1	
	86.20.120	EA-250AC8-A01-K		10.739	38,40	80.15.120	L100-K07.SZ4245.NTZ271.DP4	1	

Control Panels	Product Code	Comments
Master Control	30.60.010	For all units
Indoor Unit	30.60.020	For all units (* marked are excluded)
	30.60.030	* Marked units
Communication	-	Composed of products with 30.60.060, 30.60.065, 30.60.070, 30.60.075, 30.60.080 codes, For all units



Kulthorn Hermetic	Quantity of Evaporator	Unit Code	Danfoss Scroll	Quantity of Evaporator	Unit Code	Copeland Scroll	Quantity of Evaporator	Unit Code	Daikin Scroll	Quantity of Evaporator
Model	Pcs		Model	Pcs		Model	Pcs		Model	Pcs
M026-K02.SZ4140.WJ9490.KP5	1									
M030-K02.SZ4140.WJ9513.KP5	1	80.30.070	M030-K02.SZ4140.MLZ015.DS4	1	80.40.070	M030-K02.SZ4140.ZB015.CS4	1			
M034-K02.SZ4140.AW7514.KP5	1									
M040-K02.SZ4140.AW5526.KP4	1									
					80.40.090	M055-K03.SZ4145.ZB019.CS4	1			
M040-K03.SZ4145.AW9516.KP5	1	80.30.100	M070-K03.SZ4145.MLZ021.DS4	1	80.40.100	M070-K03.SZ4145.ZB021.CS4	1			
M070-K03.SZ4145.AW5534.KP4	1									
M080-K03.SZ4145.AW5538.KP4	1	80.30.110	M080-K04.SZ4145.MLZ026.DS4	1				80.50.110	M080-K04.SZ4145.JT095G.DP4	1
M100-K04.SZ4145.AW5545.KP4	1	80.30.140	M115-K04.SZ4150.MLZ030.DS4	1	80.40.130	M100-K04.SZ4145.ZB029.CS4	1	80.50.140	M115-K04.SZ4150.JT125G.DP4	1
M135-K04.SZ4150.KA5558.KP4	1	80.30.150	M135-K05.SZ4240.MLZ038.DS4	1	80.40.150	M135-K05.SZ4240.ZB038.CS4	1	80.50.180	M180-K07.SZ4250.JT212D.DP4	2
M200-K12.SZ4445.LA5610.KP4	2	80.30.190	M200-K12.SZ4445.MLZ066.DS4	2				80.50.190	M200-K10.SZ4445.JT236D.DP4	2
M220-K12.SZ4445.LA5612.KP4	2	80.30.200	M220-K12.SZ4445.MLZ076.DS4	2						
					80.40.200	M220-K12.SZ4445.ZB076.CS4	2			
M150-K05.SZ4240.KA5564.KP4	1	80.30.160	M150-K07.SZ4245.MLZ045.DS4	1	80.40.160	M150-K07.SZ4245.ZB045.CS4	1	80.50.150	M135-K05.SZ4240.JT160G.DP4	1
M160-K07.SZ4245.KA5572.KP4	1							80.50.170	M160-K07.SZ4245.JT170G.DP4	1
		80.30.170	M160-K07.SZ4245.MLZ048.DS4	1	80.40.170	M160-K07.SZ4245.ZB048.CS4	1	80.50.200	M220-K12.SZ4445.JT265D.DP4	2
								80.50.210	M270-K12.SZ4450.JT300D.DP4	2
								80.50.220	M300-K12.SZ4450.JT335D.DP4	2
M180-K10.SZ4250.LA5590.KP4	1	80.30.180	M180-K10.SZ4250.MLZ058.DS4	1	80.40.180	M220-K12.SZ4445.ZB058.CS4	1			
L010-K01.SZ4135.AW2464.KP5	1									
L014-K02.SZ4140.AW2495.KP5	1									
L013-K01.SZ4135.AW2464.KP4	1									
L024-K02.SZ4140.AW2495.KP4	1									
L032-K02.SZ4140.AW2512.KP4	1									
		80.35.070	L040-K03.SZ4145.LLZ013.DS4	1						
		80.35.080	L055-K04.SZ4145.LLZ015.DS4	1						
		80.35.090	L070-K04.SZ4145.LLZ018.DS4	1						
		80.35.100	L085-K05.SZ4240.LLZ024.DS4	1						
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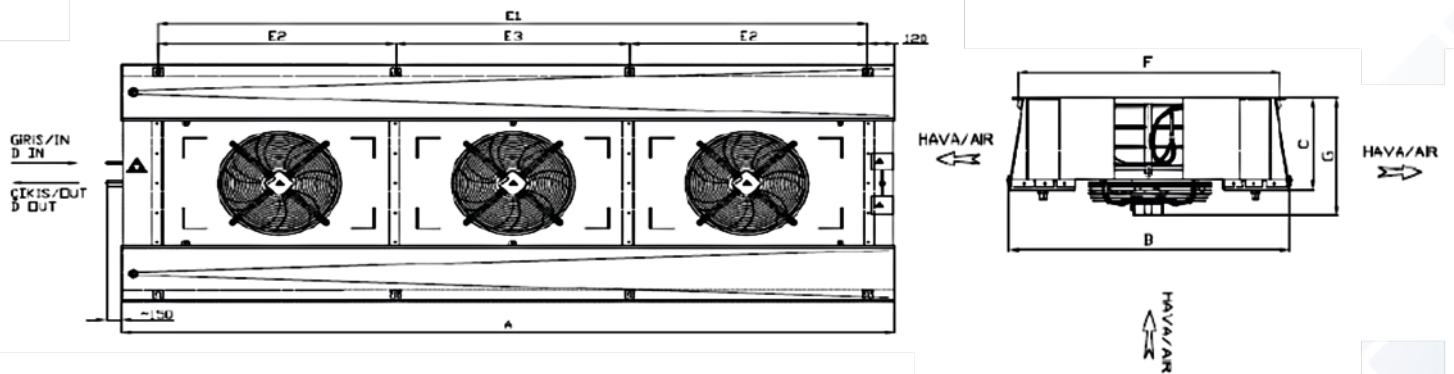
## Indoor Units - Twin flow

Fin Spacing	Product Code	Model	Soğuk Oda	Soğuk Oda	Frozen Room	Surface Area	Internal Volume	Airflow	Air Throw
			SC1 T <sub>ev</sub> =0°C ΔT=10°C	SC2 T <sub>ev</sub> =-8°C ΔT=8°C	SC3 T <sub>ev</sub> =-25°C ΔT=7°C				
mm			W	W	W	m²	dm³	m³/h	m
7 mm	86.30.010	ED-135AC7-B21 C2-K	5175	3526	2828	11,4	3,7	2700	2x5,8
	86.30.020	ED-135AE7-B21 C2-S	6100	4148	3111	14,3	4,7	2500	2x5,4
	86.30.030	ED-135AE7-B21 C2-K	6801	4664	3529	17,2	5,6	2400	2x5,4
	86.30.040	ED-230AE7-B21 C2-K	8102	5513	3933	23,8	7,7	2600	2x3,4
	86.30.050	ED-145AC7-A23 C4-K	8781	5974	4895	20,3	6,6	4900	2x8,3
	86.30.060	ED-235AC7-B21 C4-K	10476	7147	5772	22,9	7,4	5200	2x5,8
	86.30.070	ED-145AE7-A23 C4-K	11884	8132	6369	30,5	9,9	4500	2x7,9
	86.30.080	ED-235AE7-B21 C4-K	13833	9514	7314	34,3	11,1	4700	2x5,4
	86.30.090	ED-240AC7-B21 C4-K	14260	9699	7416	30,5	9,9	6900	2x6,7
	86.30.100	ED-335AC7-B21 C4-K	16687	11280	8398	34,3	11,1	7800	2x5,8
	86.30.110	ED-240AE7-B21 C6-K	17824	12258	9674	45,8	14,8	6300	2x6,3
	86.30.120	ED-245AC7-A23 C6-K	18307	12421	9863	40,4	12,4	9700	2x8,3

Indoor Units, Fan Motors, Defrost Heaters and Expansion Valves are delivered after making installation. These items are included in the indoor unit prices. Indoor units with Q Motor fans use Frigocraft, indoor units with axial fan use Ziehl-Abegg fan motors. Danfoss brand expansion valves are used.



Fans				Electric Defrost			Dimensions							Inlet diameter	Outlet diameter
Piece	Diameter	Power	Current	R1	R2										
				Coil	Coil	Drip Tray									
n	mm	W	A	W	W	W	mm	mm	mm	mm	mm	mm	mm	inch	inch
1	350	170	0,91	2,4	2,4	1,2	908	1030	285	635	-	-	985	5/8"	7/8"
1	350	170	0,91	2,4	2,4	1,2	908	1030	285	635	-	-	985	5/8"	7/8"
1	350	170	0,91	2,4	2,4	1,2	908	1030	285	635	-	-	985	5/8"	7/8"
2	300	126	0,72	2	2	2	1308	1030	245	1035	518	-	985	5/8"	7/8"
1	450	365	1,73	3,2	3,2	1,6	1108	1210	365	835	-	-	1135	3/4"	1 1/8"
2	350	2x170	2x0,91	4,8	4,8	2,4	1508	1030	285	1235	618	-	985	3/4"	1 1/8"
1	450	365	1,73	3,2	3,2	1,6	1108	1210	365	835	-	-	1135	3/4"	1 1/8"
2	350	2x170	2x0,91	4,8	4,8	2,4	1508	1030	285	1235	618	-	985	3/4"	1 1/8"
2	400	2x266	2x1,28	4,8	4,8	2,4	1508	1210	365	1235	618	-	1135	3/4"	1 1/8"
3	350	3x170	3x0,91	7,2	7,2	3,6	2108	1030	285	1835	618	600	985	3/4"	1 1/8"
2	400	2x266	2x1,28	4,8	4,8	2,4	1508	1210	365	1235	618	-	1135	3/4"	1 1/8"
2	450	2x365	2x1,73	6,4	6,4	3,2	1908	1210	365	1635	818	-	1135	7/8"	1 3/8"



# Indoor Units Matching Table - Twin flow



Application Type	Product Code	Model	Cool Room	Cold Room	Frozen Room	Surface Area	Unit Code	Embraco-Danfoss Hermetic	Quantity of Evaporator
			SC1 Tev=0°C ΔT=10°C	SC2 Tev=-8°C ΔT=8°C	SC3 -25°C ΔT=7°C				
			W	W	W	m²		Model	Pcs.
COOL STORAGE	86.30.010	ED-135AC7-B21 C2-K	5.175	3526	2828	11,40	80.08.070	H090-K03.SZ4145.MTZ022.DP4	1
	86.30.020	ED-135AE7-B21 C2-S	6.100	4148	3111	14,30	80.08.080	H140-K04.SZ4145.MTZ028.DP4	1
	86.30.030	ED-135AE7-B21 C2-K	6.801	4664	3529	17,20	80.08.090	H150-K04.SZ4150.MTZ032.DP4	1
	86.30.040	ED-145AC7-A23 C4-K	8.781	5974	3933	20,30	80.08.120	H175-K05.SZ4240.MTZ044.DP4	1
	86.30.050	ED-230AE7-B21 C2-K	8.102	5513	4895	23,80	80.08.110	H170-K05.SZ4240.MTZ040.DP4	1
	86.30.060	ED-235AC7-B21 C4-K	10.476	7147	5772	22,90	80.08.100	H160-K05.SZ4240.MTZ036.DP4	1
	86.30.070	ED-145AE7-A23 C4-K	11.884	8132	6369	30,50	80.08.130	H190-K07.SZ4245.MTZ050.DP4	1
	86.30.080	ED-235AE7-B21 C4-K	13.833	9514	7314	34,30	80.08.140	H200-K10.SZ4250.MTZ056.DP4	1
	86.30.090	ED-240AC7-B21 C4-K	14.260	9699	7416	30,50	80.08.150	H240-K10.SZ4250.MTZ064.DP4	1
	86.30.100	ED-335AC7-B21 C4-K	16.887	11280	8398	34,30	80.08.160	H290-K12.SZ4445.MTZ072.DP4	1
	86.30.110	ED-240AE7-B21 C6-K	17.824	12258	9674	45,80	80.08.170	H310-K12.SZ4445.MTZ080.DP4	1
	86.30.120	ED-245AC7-A23 C6-K	18.307	12421	9863	40,40			
COLD STORAGE	86.30.010	ED-135AC7-B21 C2-K	5.175	3526	2828	11,40	80.10.040	M026-K02.SZ4140.NJ9238.EP5	1
							80.10.060	M026-K02.SZ4140.NJ9238.EP4	1
							80.10.070	M030-K02.SZ4140.MTZ022.DP4	1
	86.30.030	ED-135AE7-B21 C2-K	6.801	4664	3529	17,20	80.10.080	M040-K02.SZ4140.MTZ028.DP4	1
							80.10.090	M055-K03.SZ4145.MTZ032.DP4	1
	86.30.040	ED-145AC7-A23 C4-K	8.781	5974	3933	20,30	80.10.110	M080-K04.SZ4145.MTZ040.DP4	1
							80.10.120	M088-K04.SZ4145.MTZ044.DP4	1
	86.30.050	ED-230AE7-B21 C2-K	8.102	5513	4895	23,80	80.10.100	M070-K03.SZ4145.MTZ036.DP4	1
	86.30.060	ED-235AC7-B21 C4-K	10.476	7147	5772	22,90	80.10.130	M100-K04.SZ4150.MTZ050.DP4	1
							80.10.140	M115-K04.SZ4150.MTZ056.DP4	1
	86.30.070	ED-145AE7-A23 C4-K	11.884	8132	6369	30,50	80.10.150	M135-K05.SZ4240.MTZ064.DP4	1
							80.10.200	M220-K12.SZ4445.MTZ125.DP4	2
FROZEN STORAGE	86.30.010	ED-135AC7-B21 C2-K	5.175	3526	2828	11,40	80.10.160	M150-K07.SZ4245.MTZ072.DP4	1
							80.10.210	M270-K12.SZ4450.MTZ144.DP4	2
	86.30.020	ED-135AE7-B21 C2-S	6.100	4148	3111	14,3	80.10.170	M160-K07.SZ4245.MTZ080.DP4	1
	86.30.040	ED-145AC7-A23 C4-K	8.781	5974	3933	20,30	80.10.220	M300-K12.SZ4450.MTZ160.DP4	2
	86.30.050	ED-230AE7-B21 C2-K	8.102	5513	4895	23,80	80.10.180	M180-K10.SZ4250.MTZ100.DP4	1
	86.30.060	ED-235AC7-B21 C4-K	10.476	7147	5772	22,90	80.15.060	L024-K02.SZ4140.NTZ068.DP4	1
	86.30.080	ED-235AE7-B21 C4-K	13.833	9514	7314	34,30	80.15.070	L032-K02.SZ4140.NTZ096.DP4	1
	86.30.120	ED-245AC7-A23 C6-K	18.307	12421	9863	40,40	80.15.080	L040-K03.SZ4145.NTZ108.DP4	1
							80.15.090	L055-K04.SZ4145.NTZ136.DP4	1
							80.15.110	L085-K05.SZ4240.NTZ215.DP4	1
							80.15.120	L100-K07.SZ4245.NTZ271.DP4	1

Control Panels	Product Code	Comments
Master Control	30.60.010	For all units
Indoor Unit	30.60.020	For all units (* marked are excluded)
	30.60.030	* Marked units
Communication	-	Composed of products with 30.60.060, 30.60.065, 30.60.070, 30.60.075, 30.60.080 codes, For all units



Unit Code	Kulthorn Hermetic	Quantity of Evaporator	Unit Code	Danfoss Scroll	Quantity of Evaporator	Unit Code	Copeland Scroll	Quantity of Evaporator	Unit Code	Daikin	Quantity of Evaporator
	Model	Pcs.		Model	Pcs.		Model	Pcs.		Model	Pcs.
			80.28.070	H090-K03.SZ4145.MLZ015.DS4	1	80.38.070	H090-K03.SZ4145.ZB015T.CS4	1			
80.18.040	H135-K04.SZ4145.AW7514.KP5	1				80.38.090	H120-K04.SZ4145.ZB019T.CS4	1			
80.18.070	H130-K04.SZ4145.AW5526.KP4	1									
80.18.050	H150-K04.SZ4150.AW9516.KP5	1	80.28.100	H135-K04.SZ4145.MLZ.021.DS4	1	80.38.100	H140-K04.SZ4145.ZB021T.CS4	1			
80.18.080	H155-K04.SZ4150.AW5534.KP4	1							80.48.110	H160-K05.SZ4240.JT095G.DP4	1
80.18.090	H165-K05.SZ4240.AW5538.KP4	1	80.28.110	H160-K05.SZ4240.MLZ.026.DS4	1						
80.18.100	H180-K07.SZ4245.AW5545.KP4	1	80.28.140	H180-K07.SZ4245.MLZ.030.DS4	1	80.38.130	H180-K07.SZ4245.ZB029T.CS4	1	80.48.140	H190-K07.SZ4245.JT125G.DP4	1
80.18.130	HH220-K10.SZ4250.KA5558.KP4	1	80.28.150	H200-K10.SZ4250.MLZ.038.DS4	1	80.38.150	H200-K10.SZ4250.ZB038T.CS4	1			
									80.48.150	H240-K10.SZ4250.JT160G.DP4	1
80.18.150	H280-K10.SZ4250.KA5564.KP4	1	80.28.160	H250-K10.SZ4250.MLZ.045.DS4	1	80.38.160	H250-K10.SZ4250.ZB045T.CS4	1	80.48.170	H285-K12.SZ4445.JT170G.DP4	1
			80.28.170	H285-K12.SZ4445.MLZ.048.DS4	1	80.38.170	H285-K12.SZ4445.ZB048T.CS4	1			
80.18.160	H310-K12.SZ4445.KA5572.KP4	1									
			80.28.180	H340-K12.SZ4450.MLZ.058.DS4	1	80.38.180	H340-K12.SZ4450.ZB058T.CS4	1			
80.18.170	H340-K12.SZ4450.LA5590.KP4	1							80.48.180	H340-K12.SZ4450.JT212D.DP4	1
80.20.020	M026-K02.SZ4140.WJ9490.KP5	1	80.30.070	M030-K02.SZ4140.MLZ015.DS4	1	80.40.070	M030-K02.SZ4140.ZB015.CS4	1			
80.20.030	M030-K02.SZ4140.WJ9513.KP5	1									
80.20.040	M034-K02.SZ4140.AW7514.KP5	1				80.40.090	M055-K03.SZ4145.ZB019.CS4	1			
80.20.070	M040-K02.SZ4140.AW5526.KP4	1									
80.20.090	M080-K03.SZ4145.AW5538.KP4	1	80.30.110	M080-K04.SZ4145.MLZ026.DS4	1						
80.20.050	M040-K03.SZ4145.AW9516.KP5	1	80.30.100	M070-K03.SZ4145.MLZ021.DS4	1	80.40.100	M070-K03.SZ4145.ZB021.CS4	1			
80.20.080	M070-K03.SZ4145.AW5534.KP4	1									
80.20.100	M100-K04.SZ4145.AW5545.KP4	1	80.30.140	M115-K04.SZ4150.MLZ030.DS4	1	80.40.130	M100-K04.SZ4145.ZB029.CS4	1	80.50.110	M080-K04.SZ4145.JT095G.DP4	1
80.20.130	M135-K04.SZ4150.KA5558.KP4	1	80.30.150	M135-K05.SZ4240.MLZ038.DS4	1	80.40.150	M135-K05.SZ4240.ZB038.CS4	1	80.50.180	M180-K07.SZ4250.JT212D.DP4	2
80.20.190	M200-K12.SZ4445.LA5610.KP4	2	80.30.190	M200-K12.SZ4445.MLZ066.DS4	2				80.50.140	M115-K04.SZ4150.JT125G.DP4	1
80.20.200	M220-K12.SZ4445.LA5612.KP4	2	80.30.200	M220-K12.SZ4445.MLZ076.DS4	2				80.50.190	M200-K10.SZ4445.JT236D.DP4	2
						80.40.200	M220-K12.SZ4445.ZB076.CS4	2	80.50.150	M135-K05.SZ4240.JT160G.DP4	1
									80.50.200	M220-K12.SZ4445.JT265D.DP4	2
80.20.150	M150-K05.SZ4240.KA5564.KP4	1	80.30.160	M150-K07.SZ4245.MLZ045.DS4	1	80.40.160	M150-K07.SZ4245.ZB045.CS4	1	80.50.170	M160-K07.SZ4245.JT170G.DP4	1
80.20.160	M160-K07.SZ4245.KA5572.KP4	1							80.50.210	M270-K12.SZ4450.JT300D.DP4	2
-	-	-	80.30.170	M160-K07.SZ4245.MLZ048.DS4	1	80.40.170	M160-K07.SZ4245.ZB048.CS4	1			
-	-	-									
80.20.170	M180-K10.SZ4250.LA5590.KP4	1	80.30.180	M180-K10.SZ4250.MLZ058.DS4	1	80.40.180	M220-K12.SZ4445.ZB058.CS4	1	80.50.220	M300-K12.SZ4450.JT335D.DP4	
80.25.050	L024-K02.SZ4140.AW2495.KP4	1									
80.25.060	L032-K02.SZ4140.AW2512.KP4	1									
			80.35.070	L040-K03.SZ4145.LLZ013.DS4	1						
			80.35.080	L055-K04.SZ4145.LLZ015.DS4	1						
			80.35.090	L070-K04.SZ4145.LLZ018.DS4	1						
			80.35.100	L085-K05.SZ4240.LLZ024.DS4	1						

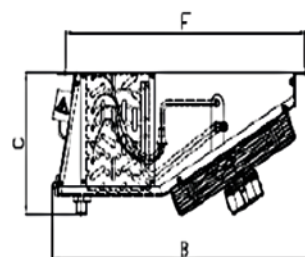
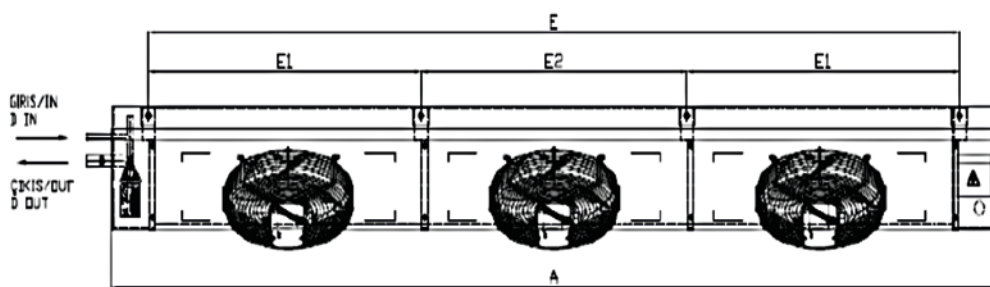


## Indoor Units - Ceiling Type

Fin Spacing	Product Code	Model	Cold Room	Frozen Room	Surface Area	Internal Volume	Airflow	Air Throw
			SC2 T <sub>ev</sub> =-8°C ΔT=8°C	SC3 T <sub>ev</sub> =-25°C ΔT=7°C				
mm			W	W	m <sup>2</sup>	dm <sup>3</sup>	m <sup>3</sup> /h	m
7 mm	86.30.210	EG-125AC7-A23-K	1105	857	3,7	1,0	800	3,7
	86.30.220	EG-130AB7-A21-K	1451	1069	3,7	1,0	1400	5,6
	86.30.230	EG-130AE7-A21-K	2220	1736	7,4	2,0	1200	4,8
	86.30.240	EG-230BB7-A21-K	2900	2147	7,4	1,8	2800	5,6
	86.30.250	EG-230AC7-A21-K	3569	2803	9,9	2,6	2600	5,3
	86.30.260	EG-230BE7-A21-K	4277	3193	14,9	3,9	2400	4,8
	86.30.270	EG-330AC7-A21-K	5457	4153	14,9	3,9	3900	5,3
	86.30.280	EG-330BE7-A21-K	6919	5469	22,3	5,9	3500	4,8

Indoor Units, Fan Motors, Defrost Heaters and Expansion Valves are delivered after making installation. These items are included in the indoor unit prices. Indoor units with Q Motor fans use Frigocraft, indoor units with axial fan use Ziehl-Abegg fan motors. Danfoss brand expansion valves are used.

Fans				Electric Defrost			Dimensions							Inlet diameter	Outlet diameter
Piece	Diameter	Power	Current	R1	R2										
				Coil	Coil	Drip Tray									
n	mm	W	A	W	W	W	mm	mm	mm	mm	mm	mm	mm	inch	inch
1	250	65	0,41	0,6	0,6	0,6	900	685	245	635	-	-	630	3/8"	3/8"
1	300	126	0,72	0,8	0,8	0,8	1100	685	245	835	-	-	630	3/8"	3/8"
1	300	126	0,72	0,8	0,8	0,8	1100	685	245	835	-	-	630	3/8"	1/2"
2	300	2x126	2x0,72	1,92	1,92	0,96	1260	685	370	995	498	-	630	3/8"	5/8"
2	300	2x126	2x0,72	1,6	1,6	1,6	1900	685	245	1635	818	-	630	1/2"	5/8"
2	300	2x126	2x0,72	1,92	1,92	0,96	1260	685	370	995	498	-	630	1/2"	5/8"
3	300	3x126	3x0,72	2,4	2,4	2,4	2700	685	245	2435	818	800	630	1/2"	7/8"
3	300	3x126	3x0,72	2,4	2,4	2,4	2700	685	245	2435	818	800	630	5/8"	1 1/8"



# Indoor Units Matching Table - Ceiling Type



Application Type	Product Code	Model	Cold Room	Frozen Room	Surface Area	Unit Code	Embraco-Danfoss Hermetic	Quantity of Evaporator
			SC2 Tev=-8°C ΔT=8°C	SC3 Tev=-25°C ΔT=7°C				
			W	W	m²		Model	Pcs
COLD STORAGE	86.40.010	EG-125AC7-A23-K	1.105	857	3,70	80.10.005	M006-K01.SZ4135.NE6215.EP5	1
						80.10.010	M008-K01.SZ4135.NT6220.EP5	1
	86.40.020	EG-130AB7-A21-K	1.451	1.069	3,70	80.10.015	M012-K01.SZ4135.NT6222.EP5	1
	86.40.030	EG-130AE7-A21-K	2.220	1.736	7,40	80.10.020	M016-K01.SZ4135.NT6226.EP5	1
						80.10.030	M020-K01.SZ4135.NJ9232.EP5	1
	86.40.040	EG-230BB7-A21-K	2.900	2.147	7,40	80.10.040	M026-K02.SZ4140.NJ9238.EP5	1
						80.10.060	M026-K02.SZ4140.NJ9238.EP4	1
						80.10.070	M030-K02.SZ4140.MTZ022.DP4	1
	86.40.050	EG-230AC7-A21-K	3.569	2.803	9,90			
	86.40.060	EG-230BE7-A21-K	4.277	3.193	14,90	80.10.080	M040-K02.SZ4140.MTZ028.DP4	1
						80.10.090	M040-K03.SZ4145.MTZ032.DP4	1
	86.40.070	EG-330AC7-A21-K	5.457	4.153	14,90	80.10.100	M070-K03.SZ4145.MTZ036.DP4	1
								1
	86.40.080	EG-330BE7-A21-K	6.919	5.469	22,30	80.10.110	M080-K04.SZ4145.MTZ040.DP4	1
						80.10.120	M088-K04.SZ4145.MTZ044.DP4	1
FROZEN STORAGE	86.40.010	EG-125AC7-A23-K	1.105	857	3,70	80.15.015	L004-K01.SZ4135.NE2178.EP5	1
						80.15.020	L006-K01.SZ4135.NT2192.EP5	1
	86.40.030	EG-130AE7-A21-K	2.220	1.736	7,40	80.15.030	L010-K01.SZ4135.NT2212.EP5	1
						80.15.040	L010-K01.SZ4135.NJ2212.EP4	1
						80.15.050	L013-K01.SZ4135.NT2048.DP4	1
	86.40.050	EG-230AC7-A21-K	3.569	2.803	9,90	80.15.060	L024-K02.SZ4140.NT2068.DP4	1
	86.40.060	EG-230BE7-A21-K	4.277	3.193	14,90	80.15.070	L032-K02.SZ4140.NT2096.DP4	1
	86.40.070	EG-330AC7-A21-K	5.457	4.153	14,90	80.15.080	L040-K03.SZ4145.NT2108.DP4	1
	86.40.080	EG-330BE7-A21-K	6.919	5.469	22,30	80.15.090	L055-K04.SZ4145.NT2136.DP4	1

Control Panels	Product Code	Comments
Master Control	30.60.010	For all units
Indoor Unit	30.60.020	For all units
Communication	-	Composed of products with 30.60.060, 30.60.065, 30.60.070, 30.60.075, 30.60.080 codes, For all units



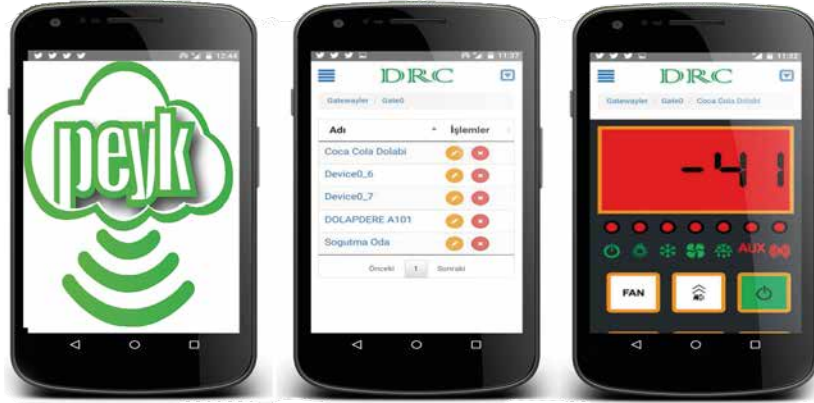


Unit Code	Kulthorn Hermetic	Quantity of Evaporator	Unit Code	Danfoss Scroll	Quantity of Evaporator	Unit Code	Copeland Scroll	Quantity of Evaporator
	Model	Pcs		Model	Pcs		Model	Pcs
80.20.020	M026-K02.SZ4140.WJ9490.KP5	1						
80.20.030	M030-K02.SZ4140.WJ9513.KP5	1	80.30.070	M030-K02.SZ4140.MLZ015.DS4	1	80.40.070	M030-K02.SZ4140.ZB015.CS4	1
80.20.040	M034-K02.SZ4140.AW7514.KP5	1				80.40.090	M055-K03.SZ4145.ZB019.CS4	1
80.20.070	M040-K02.SZ4140.AW5526.KP4	1						
80.20.050	M040-K03.SZ4145.AW9516.KP5	1	80.30.100	M070-K03.SZ4145.MLZ021.DS4	1	80.40.100	M070-K03.SZ4145.ZB021.CS4	1
80.20.080	M070-K03.SZ4145.AW5534.KP4	1						
80.20.090	M080-K03.SZ4145.AW5538.KP4	1	80.30.110	M080-K04.SZ4145.MLZ026.DS4	1	80.40.130	M100-K04.SZ4145.ZB029.CS4	1
80.20.100	M100-K04.SZ4145.AW5545.KP4	1	80.30.140	M115-K04.SZ4150.MLZ030.DS4	1			
80.25.020	L010-K01.SZ4135.AW2464.KP5	1						
80.25.030	L014-K02.SZ4140.AW2495.KP5	1						
80.25.040	L013-K01.SZ4135.AW2464.KP4	1						
80.25.050	L024-K02.SZ4140.AW2495.KP4	1						
80.25.060	L032-K02.SZ4140.AW2512.KP4	1						
			80.35.070	L040-K03.SZ4145.LLZ013.DS4	1			
			80.35.080	L055-K04.SZ4145.LLZ015.DS4	1			
			80.35.090	L070-K04.SZ4145.LLZ018.DS4	1			

## Remote Access with PEYK System

PEYK is cloud-based remote access and management system developed for industrial and commercial systems, especially for cooling systems.

The data from unit being accessed by PEYK System can be managed, recorded and followed. The data saved in the package in a manner that is compatible with common Office automation system can be output. PEYK system can be accessed remotely via mobile phone, portable computer or web browser.



## DRC - WAY

### Introduction,

DRC-WAY is a Gateway unit providing access to PEYK System via GSM. This unit with up to 32 control point can be connected to the PEYK System by using MODBUS-RTU Protocol.

### Mechanical Properties

Operating temperature: up to 60 °C , 20 °C [recommended for Battery]  
Storage temperature: -40 °C to 85 °C  
Relative Humidity: Up to 90% without condensation  
Height 90 mm x width 70 mm x depth 59 mm

### Technical Properties

Gsm Gateway  
DIN Rail (ABS)  
RS485/USB Host  
2 digital input/2 digital output  
secure Web Server  
Modbus RTU/Modbus TCP  
Alarm Management Dataloggers  
Modbus Protocol (Master/Slave)  
Wide supply voltage range 8-28 VDC

### Fonksiyonlar

Alarm Management  
Data Transfer: Email/Sms/Gsm/Gprs.  
RS485 communication port.  
Can be controlled via Sms/Gprs  
Data logger

### GSM/GPRS Properties

850/900/1800/1900 M Hz with  
auto-sensing  
Class 4 (2W 850/900 MHz )  
1. class [IW 1800 /1900 MHz]  
GPRS Class 1 O

### Battery Properties

NCR-18650 cylinder 2000mAh 3.6V  
18 mm x 65 mm

### Options

GSM high gain antenna  
USB cable  
DIN rail power supply



Frigocraft Control Panels			
Technical Properties	Master Control	Indoor Units Control	
	Stock Code: 30.60.010	Stock Code: 30.60.020	Stock Code: 30.60.030
	DCB100 PLUS	EX16T70SH	EX25T110SH
Box Size	270X170 mm	270X170 mm	270X170 mm
Weight			
Protection Class	IP65	IP65	IP65
Supply	230Vac ±10% 50/60Hz	230Vac ±10% 50/60Hz	230Vac ±10% 50/60Hz
Voltage Type	MONOPHASE	MONOPHASE	MONOPHASE
Operating Tempetaure	-5 ÷ + 40 °C	-5 ÷ + 40 °C	-5 ÷ + 40 °C
Storage Tempetaure	-25 ÷ + 55 °C	-25 ÷ + 55 °C	-25 ÷ + 55 °C
The ambient relative humidity	%20 - %85 (without condensation)	%20 - %85 (without condensation)	%20 - %85 (without condensation)
Motor Protection	Available	Not available	Not available
Fuse	Available	3x16 In(A) C Curve	3x25 In(A) C Curve
Motor Protection	DRC	Not available	Not available
Defrost	Electricity or Gas	Electricity or Gas	Electricity or Gas
Status Indicator	LED + display	LED + display	LED + display
Alarm output	LED + Buzzer	LED + Buzzer	LED + Buzzer
INPUT			
Room Prob.	NTC 10K 1%	NTC 10K 1%	NTC 10K 1%
Evaporator Prob.	NTC 10K 1%	NTC 10K 1%	NTC 10K 1%
Door switch	Available	Available	Available
Pressure switch	Available	Available	Available
DRCKEY	Available	Available	Available
OUTPUT			
Compressor	2hp(1ph)	Not available	Not available
Condenser Fan Output	Available	Available	Available
Evaparator output	1600W (1ph)	Not available	Not available
Defrost Output	800W(AC1) resis.load	7500W(AC1)res.load	11000W(AC1)res.load
Room Lamp	800W(AC1) resis.load	Not available	Not available
Solenoid valve	Available	Available	Available
Compressor oil resistance	Available	Available	Available
Alarm Relay	100W	100W	100W
PEYK Remote Commander	Available	Available	Available
Compatible Device Models	All Models	All Models except NTZ-215, NTZ-271	NTZ-215 NTZ-271

Communication,Remote Intervention, Retroactivity Reporting		
PEYK Cloud Service Annual Server Usage	RS485-GSM Gateway device providing access to PEYK System via GSM. 10-Year cloud server service for  PEYK System used for storing and forwarding control information to clients is included in this device.	Stock Code 30.60.060
DRC-BUS	DRC-BUS; RS-485 convertor used for connecting DRC products having port to DRC-WAY gateway device	Stock Code 30.60.070
SMPS Supply	SMPS SUPPLY; SMPS supply device for DRC-WAY	Stock Code 30.60.075
Relay Socket	TRANSFER SOCKET; Relay socket is used for multiple device connections to DRC-WAY gate device	Stock Code 30.60.080
All Models		



Compressor / Application Type	Open Split Serie		Closed Split Serie		Closed Split - Silent Serie		Oil Seperator	Liquid Accumulat or
	Unit		Unit		Unit			
	Product Code	Model	Product Code	Model	Prduct Code	Model	Product Code	Product Code
EMBRACO HERMETIC H-MBP UNIT R404A	80.10.003	M006-A11.SZ4135.NE6215.EP5	80.10.005	M006-K01.SZ4135.NE6215.EP5	80.10.007	M006-K01.SZ6135.NE6215.EP5	-	-
	80.10.008	M008-A11.SZ4135.NT6220.EP5	80.10.010	M008-K01.SZ4135.NT6220.EP5	80.10.012	M008-K01.SZ6135.NT6220.EP5	-	-
	80.10.013	M012-A11.SZ4135.NT6222.EP5	80.10.015	M012-K01.SZ4135.NT6222.EP5	80.10.017	M012-K01.SZ6135.NT6222.EP5	-	-
	80.10.018	M016-A11.SZ4135.NT6226.EP5	80.10.020	M016-K01.SZ4135.NT6226.EP5	80.10.022	M016-K02.SZ6140.NT6226.EP5	-	80.01.174
	80.10.028	M020-A11.SZ4135.NJ9232.EP5	80.10.030	M020-K01.SZ4135.NJ9232.EP5	80.10.032	M020-K02.SZ6140.NJ9232.EP5	-	80.01.174
	80.10.038	M026-A12.SZ4140.NJ9238.EP5	80.10.040	M026-K02.SZ4140.NJ9238.EP5	80.10.042	M026-K02.SZ6140.NJ9238.EP5	-	80.01.174
	80.10.058	M026-A12.SZ4140.NJ9238.EP4	80.10.060	M026-K02.SZ4140.NJ9238.EP4	80.10.062	M026-K02.SZ6140.NJ9238.EP4	-	80.01.174
DANFOSS MTZ HERMETIC H-MBP UNIT R404A	80.10.068	M030-A12.SZ4140.MT2022.DP4	80.10.070	M030-K02.SZ4140.MT2022.DP4	80.10.072	M030-K02.SZ6140.MT2022.DP4	-	80.01.174
	80.10.078	M040-A12.SZ4140.MT2028.DP4	80.10.080	M040-K02.SZ4140.MT2028.DP4	80.10.082	M040-K03.SZ6145.MT2028.DP4	-	80.01.174
	80.10.088	M055-A13.SZ4145.MT2032.DP4	80.10.090	M055-K03.SZ4145.MT2032.DP4	80.10.092	M055-K03.SZ6145.MT2032.DP4	80.01.170	80.01.175
	80.10.098	M070-A13.SZ4145.MT2036.DP4	80.10.100	M070-K03.SZ4145.MT2036.DP4	80.10.102	M070-K04.SZ6145.MT2036.DP4	80.01.170	80.01.175
	80.10.108	M080-A14.SZ4145.MT2040.DP4	80.10.110	M080-K04.SZ4145.MT2040.DP4	80.10.112	M080-K04.SZ6150.MT2040.DP4	80.01.170	80.01.175
	80.10.118	M088-A14.SZ4145.MT2044.DP4	80.10.120	M088-K04.SZ4145.MT2044.DP4	80.10.122	M088-K04.SZ6150.MT2044.DP4	80.01.171	80.01.177
	80.10.128	M100-A14.SZ4145.MT2050.DP4	80.10.130	M100-K04.SZ4145.MT2050.DP4	80.10.132	M100-K05.SZ6240.MT2050.DP4	80.01.171	80.01.177
	80.10.138	M115-A14.SZ4150.MT2056.DP4	80.10.140	M115-K04.SZ4150.MT2056.DP4	80.10.142	M115-K05.SZ6240.MT2056.DP4	80.01.171	80.01.177
	80.10.148	M135-A15.SZ4240.MT2064.DP4	80.10.150	M135-K05.SZ4240.MT2064.DP4	80.10.152	M135-K07.SZ6245.MT2064.DP4	80.01.171	80.01.177
	80.10.158	M150-A17.SZ4245.MT2072.DP4	80.10.160	M150-K07.SZ4245.MT2072.DP4	80.10.162	M150-K07.SZ6245.MT2072.DP4	80.01.171	80.01.177
	80.10.168	M160-A17.SZ4245.MT2080.DP4	80.10.170	M160-K07.SZ4245.MT2080.DP4	80.10.172	M160-K10.SZ6250.MT2080.DP4	80.01.171	80.01.178
	80.10.178	M180-A20.SZ4250.MT2100.DP4	80.10.180	M180-K10.SZ4250.MT2100.DP4	-	-	80.01.171	80.01.178
	-	-	80.10.200	M220-K12.SZ4445.MT2125.DP4	-	-	80.01.171	80.01.178
	-	-	80.10.210	M270-K12.SZ4450.MT2144.DP4	-	-	80.01.171	80.01.178
	-	-	80.10.220	M300-K12.SZ4450.MT2160.DP4	-	-	80.01.171	80.01.178
EMBRACO HERMETIC LBP UNIT R404A	80.15.013	L004-A11.SZ4135.NE2178.EP5	80.15.015	L004-K01.SZ4135.NE2178.EP5	80.15.017	L004-K01.SZ6135.NE2178.EP5	-	80.01.174
	80.15.018	L006-A11.SZ4135.NT2192.EP5	80.15.020	L006-K01.SZ4135.NT2192.EP5	80.15.022	L006-K01.SZ6135.NT2192.EP5	-	80.01.174
	80.15.028	L010-A11.SZ4135.NT2212.EP5	80.15.030	L010-K01.SZ4135.NT2212.EP5	80.15.032	L010-K01.SZ6135.NT2212.EP5	-	80.01.174
	80.15.038	L010-A11.SZ4135.NJ2212.EP4	80.15.040	L010-K01.SZ4135.NJ2212.EP4	80.15.042	L010-K01.SZ6135.NJ2212.EP4	-	80.01.174
DANFOSS NTZ HERMETIC LBP UNIT R404A	80.15.048	L013-A11.SZ4135.NT2048.DP4	80.15.050	L013-K01.SZ4135.NT2048.DP4	80.15.052	L013-K02.SZ6140.NT2048.DP4	80.01.170	80.01.175
	80.15.058	L024-A12.SZ4140.NT2068.DP4	80.15.060	L024-K02.SZ4140.NT2068.DP4	80.15.062	L024-K02.SZ6140.NT2068.DP4	80.01.170	80.01.175
	80.15.068	L032-A12.SZ4140.NT2096.DP4	80.15.070	L032-K02.SZ4140.NT2096.DP4	80.15.072	L032-K03.SZ6145.NT2096.DP4	80.01.171	80.01.177
	80.15.078	L040-A13.SZ4145.NT2108.DP4	80.15.080	L040-K03.SZ4145.NT2108.DP4	80.15.082	L040-K04.SZ6145.NT2108.DP4	80.01.171	80.01.177
	80.15.088	L055-A14.SZ4145.NT2136.DP4	80.15.090	L055-K04.SZ4145.NT2136.DP4	80.15.092	L055-K04.SZ6150.NT2136.DP4	80.01.171	80.01.178
	80.15.108	L085-A15.SZ4240.NT2215.DP4	80.15.110	L085-K05.SZ4240.NT2215.DP4	80.15.112	L085-K07.SZ6245.NT2215.DP4	80.01.171	80.01.178
	80.15.118	L100-A17.SZ4245.NT2271.DP4	80.15.120	L100-K07.SZ4245.NT2271.DP4	80.15.122	L100-K10.SZ6250.NT2271.DP4	80.01.171	80.01.178
KULTHORN HERMETIC MBP UNIT R404A	80.20.018	M026-A12.SZ4140.WJ9490.KP5	80.20.020	M026-K02.SZ4140.WJ9490.KP5	80.20.022	M026-K02.SZ6140.WJ9490.KP5	80.01.170	80.01.175
	80.20.028	M030-A12.SZ4140.WJ9513.KP5	80.20.030	M030-K02.SZ4140.WJ9513.KP5	80.20.032	M030-K02.SZ6140.WJ9513.KP5	80.01.170	80.01.175
	80.20.038	M034-A12.SZ4140.AW7514.KP5	80.20.040	M034-K02.SZ4140.AW7514.KP5	80.20.042	M034-K03.SZ6145.AW7514.KP5	80.01.170	80.01.176
	80.20.048	M040-A13.SZ4145.AW9516.KP5	80.20.050	M040-K03.SZ4145.AW9516.KP5	80.20.052	M040-K04.SZ6145.AW9516.KP5	80.01.170	80.01.176
	80.20.068	M040-A12.SZ4140.AW5526.KP4	80.20.070	M040-K02.SZ4140.AW5526.KP4	80.20.072	M040-K03.SZ6145.AW5526.KP4	80.01.170	80.01.176
	80.20.078	M070-A13.SZ4145.AW5534.KP4	80.20.080	M070-K03.SZ4145.AW5534.KP4	80.20.082	M070-K04.SZ6145.AW5534.KP4	80.01.170	80.01.176
	80.20.088	M080-A13.SZ4145.AW5538.KP4	80.20.090	M080-K03.SZ4145.AW5538.KP4	80.20.092	M080-K04.SZ6145.AW5538.KP4	80.01.170	80.01.176
	80.20.098	M100-A14.SZ4145.AW5545.KP4	80.20.100	M100-K04.SZ4145.AW5545.KP4	80.20.102	M100-K04.SZ6150.AW5545.KP4	80.01.170	80.01.176
	80.20.128	M135-A14.SZ4150.KA5558.KP4	80.20.130	M135-K04.SZ4150.KA5558.KP4	80.20.132	M135-K05.SZ6240.KA5558.KP4	80.01.172	80.01.177
	80.20.148	M150-A15.SZ4240.KA5564.KP4	80.20.150	M150-K05.SZ4240.KA5564.KP4	80.20.152	M150-K07.SZ6245.KA5564.KP4	80.01.172	80.01.177
	80.20.158	M160-A17.SZ4245.KA5572.KP4	80.20.160	M160-K07.SZ4245.KA5572.KP4	80.20.162	M160-K10.SZ6250.KA5572.KP4	80.01.172	80.01.177
	80.20.168	M180-A20.SZ4250.LA5590.KP4	80.20.170	M180-K10.SZ4250.LA5590.KP4	80.20.172	M180-K10.SZ6250.LA5590.KP4	80.01.173	80.01.178
	-	-	80.20.190	M200-K12.SZ4445.LA5610.KP4	-	-	80.01.173	80.01.178
	-	-	80.20.200	M220-K12.SZ4445.LA5612.KP4	-	-	80.01.173	80.01.178

Compressor / Application Type	Open Split Serie		Closed Split Serie		Closed Split - Silent Serie		Oil Seperator	Liquid Accumulat or
	Unit		Unit		Unit			
	Product Code	Model	Product Code	Model	Prduct Code	Model	Product Code	Product Code
KULTHORN HERMETIC LBP UNIT R404A	80.25.018	L010-A11.SZ4135.AW2464.KP5	80.25.020	L010-K01.SZ4135.AW2464.KP5	80.25.022	L010-K01.SZ6135.AW2464.KP5	80.01.170	80.01.176
	80.25.028	L014-A12.SZ4140.AW2495.KP5	80.25.030	L014-K02.SZ4140.AW2495.KP5	80.25.032	L014-K02.SZ6140.AW2495.KP5	80.01.170	80.01.176
	80.25.038	L013-A11.SZ4135.AW2464.KP4	80.25.040	L013-K01.SZ4135.AW2464.KP4	80.25.042	L013-K01.SZ6135.AW2464.KP4	80.01.170	80.01.176
	80.25.048	L024-A12.SZ4140.AW2495.KP4	80.25.050	L024-K02.SZ4140.AW2495.KP4	80.25.052	L024-K02.SZ6140.AW2495.KP4	80.01.170	80.01.176
	80.25.058	L032-A12.SZ4140.AW2512.KP4	80.25.060	L032-K02.SZ4140.AW2512.KP4	80.25.062	L032-K02.SZ6140.AW2512.KP4	80.01.170	80.01.176
DANFOSS MLZ SCROLL H-MBP UNIT R404A	80.30.068	M030-A12.SZ4140.MLZ015.DS4	80.30.070	M030-K02.SZ4140.MLZ015.DS4	80.30.072	M030-K03.SZ6145.MLZ015.DS4	80.01.170	80.01.176
	80.30.098	M070-A13.SZ4145.MLZ021.DS4	80.30.100	M070-K03.SZ4145.MLZ021.DS4	80.30.102	M070-K04.SZ6145.MLZ021.DS4	80.01.170	80.01.176
	80.30.108	M080-A14.SZ4145.MLZ026.DS4	80.30.110	M080-K04.SZ4145.MLZ026.DS4	80.30.112	M080-K04.SZ6150.MLZ026.DS4	80.01.170	80.01.176
	80.30.138	M115-A14.SZ4150.MLZ030.DS4	80.30.140	M115-K04.SZ4150.MLZ030.DS4	80.30.142	M115-K05.SZ6240.MLZ030.DS4	80.01.170	80.01.177
	80.30.148	M135-A15.SZ4240.MLZ038.DS4	80.30.150	M135-K05.SZ4240.MLZ038.DS4	80.30.152	M135-K07.SZ6245.MLZ038.DS4	80.01.170	80.01.177
	80.30.158	M150-A17.SZ4245.MLZ045.DS4	80.30.160	M150-K07.SZ4245.MLZ045.DS4	80.30.162	M150-K10.SZ6250.MLZ045.DS4	80.01.170	80.01.177
	80.30.168	M160-A17.SZ4245.MLZ048.DS4	80.30.170	M160-K07.SZ4245.MLZ048.DS4	80.30.172	M160-K10.SZ6250.MLZ048.DS4	80.01.171	80.01.177
	80.30.178	M180-A20.SZ4250.MLZ058.DS4	80.30.180	M180-K10.SZ4250.MLZ058.DS4	-		80.01.173	80.01.178
	-		80.30.190	M200-K12.SZ4445.MLZ066.DS4	-		80.01.173	80.01.178
	-		80.30.200	M220-K12.SZ4445.MLZ076.DS4	-		80.01.173	80.01.178
DANFOSS LLZ- ECO SCROLL LBP UNIT R404A	80.35.068	L040-A13.SZ4145.LLZ013.DS4	80.35.070	L040-K03.SZ4145.LLZ013.DS4	80.35.072	L040-K04.SZ6145.LLZ013.DS4	80.01.170	80.01.176
	80.35.078	L055-A14.SZ4145.LLZ015.DS4	80.35.080	L055-K04.SZ4145.LLZ015.DS4	80.35.082	L055-K04.SZ6145.LLZ015.DS4	80.01.170	80.01.176
	80.35.088	L070-A14.SZ4145.LLZ018.DS4	80.35.090	L070-K04.SZ4145.LLZ018.DS4	80.35.092	L070-K04.SZ6150.LLZ018.DS4	80.01.170	80.01.176
	80.35.098	L085-A15.SZ4240.LLZ024.DS4	80.35.100	L085-K05.SZ4240.LLZ024.DS4	80.35.102	L085-K05.SZ6240.LLZ024.DS4	80.01.171	80.01.178
COPELAND ZB SCROLL H-MBP UNIT R404A	80.40.068	M030-A12.SZ4140.ZB015.CS4	80.40.070	M030-K02.SZ4140.ZB015.CS4	80.40.072	M030-K03.SZ6145.ZB015.CS4	80.01.170	80.01.176
	80.40.088	M055-A13.SZ4145.ZB019.CS4	80.40.090	M055-K03.SZ4145.ZB019.CS4	80.40.092	M055-K03.SZ6145.ZB019.CS4	80.01.170	80.01.176
	80.40.098	M070-A13.SZ4145.ZB021.CS4	80.40.100	M070-K03.SZ4145.ZB021.CS4	80.40.102	M070-K04.SZ6145.ZB021.CS4	80.01.170	80.01.176
	80.40.128	M100-A14.SZ4145.ZB029.CS4	80.40.130	M100-K04.SZ4145.ZB029.CS4	80.40.132	M100-K04.SZ6150.ZB029.CS4	80.01.170	80.01.177
	80.40.148	M135-A15.SZ4240.ZB038.CS4	80.40.150	M135-K05.SZ4240.ZB038.CS4	80.40.152	M135-K07.SZ6245.ZB038.CS4	80.01.170	80.01.177
	80.40.158	M150-A17.SZ4245.ZB045.CS4	80.40.160	M150-K07.SZ4245.ZB045.CS4	80.40.162	M150-K10.SZ6250.ZB045.CS4	80.01.170	80.01.177
	80.40.168	M160-A17.SZ4245.ZB048.CS4	80.40.170	M160-K07.SZ4245.ZB048.CS4	80.40.172	M160-K10.SZ6250.ZB048.CS4	80.01.173	80.01.178
	80.40.178	M180-A20.SZ4250.ZB058.CS4	80.40.180	M180-K10.SZ4250.ZB058.CS4	-		80.01.173	80.01.178
	-		80.40.200	M220-K12.SZ4445.ZB076.CS4	-		80.01.173	80.01.178





Gebze Plant



Production Plant

Head Office









**Cantaş İç ve Dış Ticaret Soğutma Sistemleri Sanayi A. Ş**

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Şişli - İstanbul

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