



**APPROVALS**



 **ENGINEERING CODE**  
669TAO6C4FA

 **APPROVED REFRIGERANT**  
R449A

 **POWER SUPPLY**  
220 - 240V 50Hz ~

 **STANDARD CONDITIONS**  
EN13215\_SH10

 **APPLICATION**  
M/HBP

 **COOLING CAPACITY**  
936 W

 **EFFICIENCY**  
1.41 W/W

**DATA**

**General Data**

<b>Weight</b>	70 Kg
<b>Receiver</b>	2.3 L
<b>Height</b>	484 mm
<b>Length</b>	865 mm
<b>Width</b>	483 mm
<b>Power Supply</b>	220 - 240 V 50 Hz

**Electrical Data**

<b>Motor Type</b>	CSR
<b>Locked Rotor Amperage (LRA)</b>	25 A
<b>Max Current</b>	6.2 A

## Spare Parts

Dryer	FILTER DRYER 10MM ODF	2730010
Sight Glass	SIGHT GLASS 10MM ODF	2464040
LP Pressostat	PS1-A3K	2466036
	JCI P215PR	2464088
HP Pressostat	P100CP-106D	2466034
Condenser	3R12T	2451226
Fan Kit	AXIAL FAN 230V/50HZ/1PH	1996726
Heater	CRANKCASE HEATER 230V/40W	2464205
Valve Suction	SOLDER 1/2"	2110137
Valve Discharge	SOLDER 3/8"	2110136
Flexi Hose	FLEXI HOSE 10MM ODF/8MM	2464325/2646324
Compressor	NEU6220GK	959TA51..AN
Electrical Kit	ELECTRICAL BOX/PROTECTOR	XXXXXX/2321153

## Fan Motor

Number	1
Shaft Power	-
Air Flow	840 m <sup>3</sup> /h
Blade diameter	250 mm

### PERFORMANCE

## Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	936 W	666 W	3.46 A	1.41 W/W

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

## Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	634	525	2.96	1.21
-15	810	575	3.14	1.41
-10	1021	644	3.42	1.58
-5	1259	725	3.75	1.74
0	1520	810	4.1	1.88
5	1798	890	4.44	2.02
10	2086	957	4.72	2.18

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 25.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	572	537	2.98	1.06
-15	740	591	3.17	1.25
-10	936	666	3.46	1.41
-5	1155	753	3.82	1.53
0	1391	846	4.21	1.65
5	1638	935	4.6	1.75
10	1889	1013	4.95	1.87

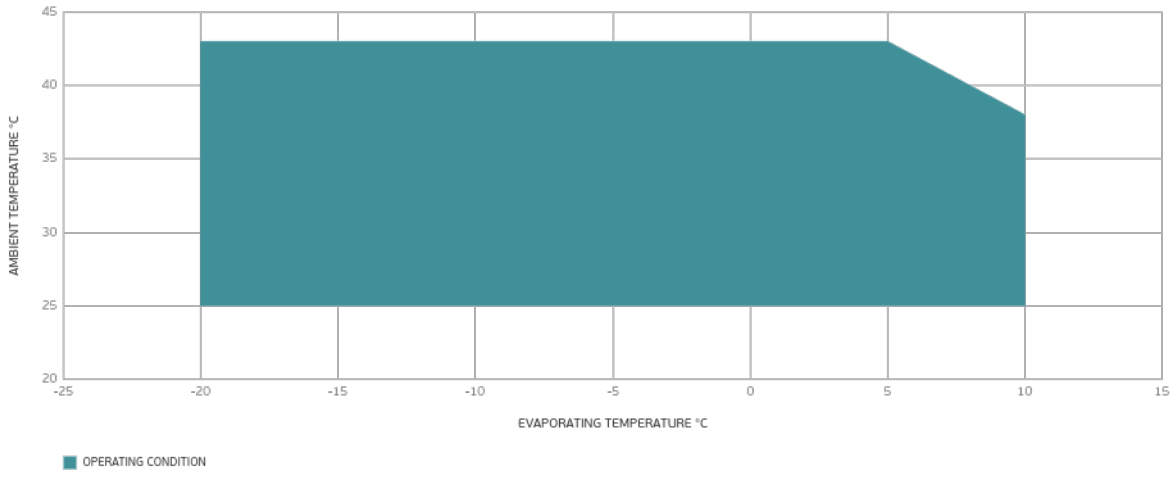
Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 43°C

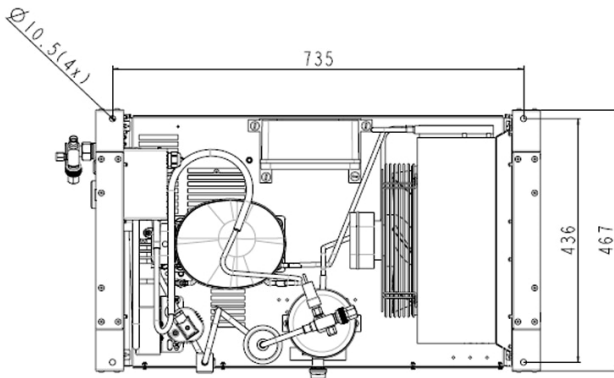
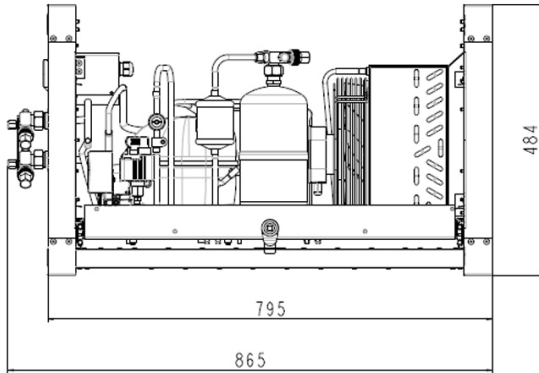
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	485	571	3.12	0.85
-15	626	626	3.3	1
-10	786	703	3.62	1.12
-5	960	796	4.02	1.21
0	1143	895	4.48	1.28
5	1327	993	4.96	1.34
10	1507	1081	5.42	1.39

Test Condition EN13215\_SH10: Evaporating temp. -10.00°C, Ambient temp. 43.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

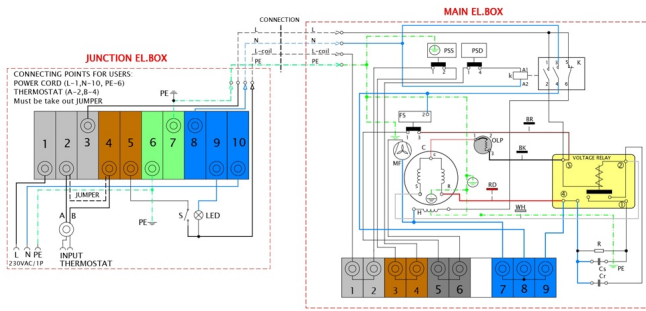
## Operating Envelope



## External Dimensions



# Wiring Diagram



O/P-OVERLOAD PROTECTOR, C-COMPRESSOR,H-ELECTRIC HEATER, MF-MOTOR FAN,S-SWITCH, R-RESISTOR  
 FS-FAN SPEED CONTROLLER, Cr-RUN CAPACITOR,Cs-START CAPACITOR, PSS-PRESSURE SWITCH SUCTION  
 PSD-PRESSURE SWITCH DISCHARGE, K-CONTACTOR,BK-black, RD-red, WH-white, L-phase, N-neutral, PE-ground  
 BK-brown, c-common,R-run,S-start