


APPROVALS




 **ENGINEERING CODE**
674CAD6C2DA

 **APPROVED REFRIGERANT**
R452A

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

 **STANDARD CONDITIONS**
EN13215_SH10

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
659 W

 **EFFICIENCY**
1.43 W/W

DATA

General Data

Weight	60 Kg
Receiver	1.1 L
Height	470 mm
Length	822 mm
Width	460 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	10.1 A
Max Current	3.78 A

Spare Parts

Condenser	3R11T	2451206
Dryer	FILTER DRYER 6MM ODF	2730006
Sight Glass	SIGHT GLASS 6MM ODF	2464031
LP Pressostat	PS1-A3K	2466036
HP Pressostat	P100CP-106D	2466034
Electrical Kit	ELKOM NEK6210GK	958CA51N1A
Fan Kit	AXIAL FAN 230V/50HZ/1PH	1996726
Heater	CRANKCASE HEATER 230V/40W	2464205
Flexi Hose	FLEXI HOSE 10MM ODF	2464241
Valve Suction	SOLDER 3/8"	2110119
Valve Discharge	SOLDER 1/4"	2110120
Compressor	NEK6210GK	958CA51..AN

Noise Data

Sound Power Level	59.9 dB (A)	-	-
Sound Pressure Level	at 1 m	at 5 m	at 10 m
	51.9 dB (A)	37.9 dB (A)	31.9 dB (A)

Fan Motor

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

PERFORMANCE

Rated Points

Ambient Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	659 W	461 W	2.9 A	1.43 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	480	356	2.37	1.35
-15	605	402	2.56	1.5
-10	736	452	2.76	1.63
-5	873	504	2.98	1.73
0	1020	559	3.21	1.82
5	1177	618	3.46	1.9
10	1347	680	3.74	1.98

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	415	371	2.53	1.12
-15	534	414	2.71	1.29
-10	659	461	2.9	1.43
-5	794	512	3.1	1.55
0	938	567	3.32	1.66
5	1095	626	3.56	1.75
10	1266	688	3.82	1.84

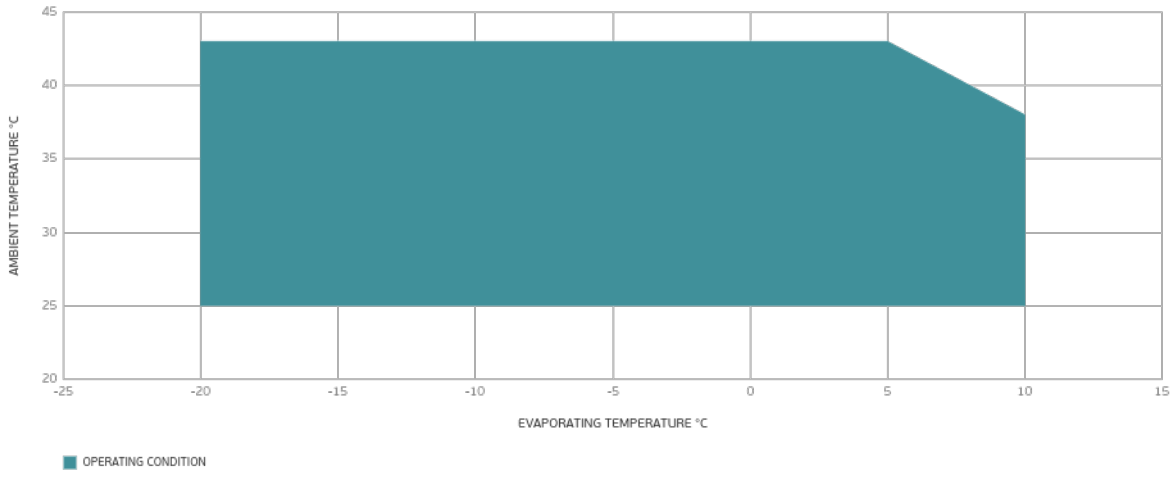
Test Condition EN13215_SH10: Evaporating temp. -10.00°C, Ambient temp. 32.00°C, Return Gas 0 °C, Subcooling 3K , Superheating 10K

Ambient Temperature 43°C

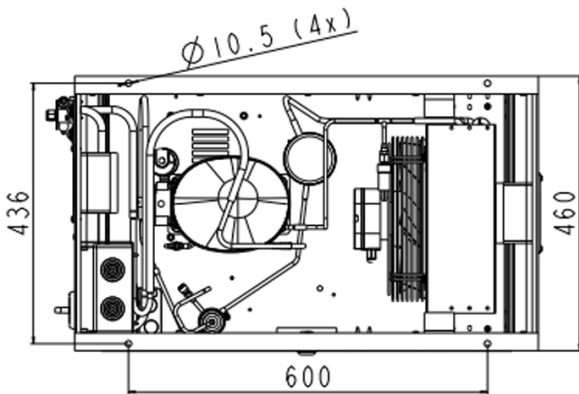
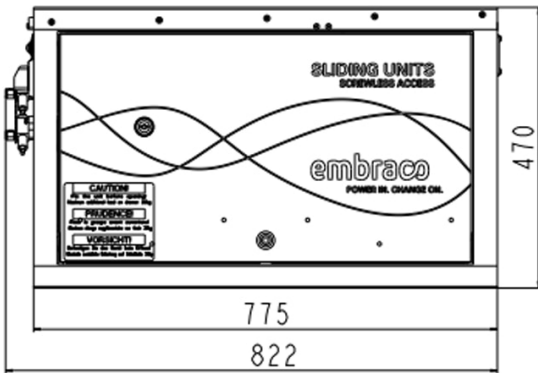
Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	335	393	2.63	0.85
-15	433	437	2.82	0.99
-10	540	486	3.02	1.11
-5	658	541	3.23	1.22
0	790	601	3.46	1.31
5	935	666	3.7	1.4
10	1097	736	3.97	1.49

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

