

APPROVALS




 **ENGINEERING CODE**
669TA5204AA

 **APPROVED REFRIGERANT**
R404A

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
2232 W

 **EFFICIENCY**
2.15 W/W

DATA

General Data

Weight	25.3 Kg
Receiver	2.3 L
Height	324 mm
Length	471 mm
Width	395 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSR
Locked Rotor Amperage (LRA)	21.5 A
Max Current	5.55 A

Spare Parts

Condenser	3R12T	2451140
Valve Suction	FLARE 1/2"	2110051
Valve Discharge	FLARE 3/8"	2110056
Fan Kit	34W 275/31/5B	1458098
Electrical Kit	ELCOM NEU6220GK	959TA5168A

Fan Motor

Number	1
Shaft Power	34 W
Air Flow	640 m ³ /h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	2232 W	1036 W	5.28 A	2.15 W/W

Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Performance Curve Data

Ambient Temperature 25°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	1050	625	3.68	1.68
-15	1285	678	3.85	1.89
-5	1798	802	4.32	2.24
0	2071	875	4.61	2.37
5	2352	954	4.94	2.46
7	2477	992	5.1	2.5
10	2638	1042	5.3	2.53

Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 25.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 32°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	968	637	3.65	1.52
-15	1175	699	3.85	1.68
-5	1629	838	4.4	1.94
0	1872	915	4.74	2.05
5	2121	998	5.11	2.13
7	2232	1036	5.28	2.15
10	2375	1087	5.51	2.19

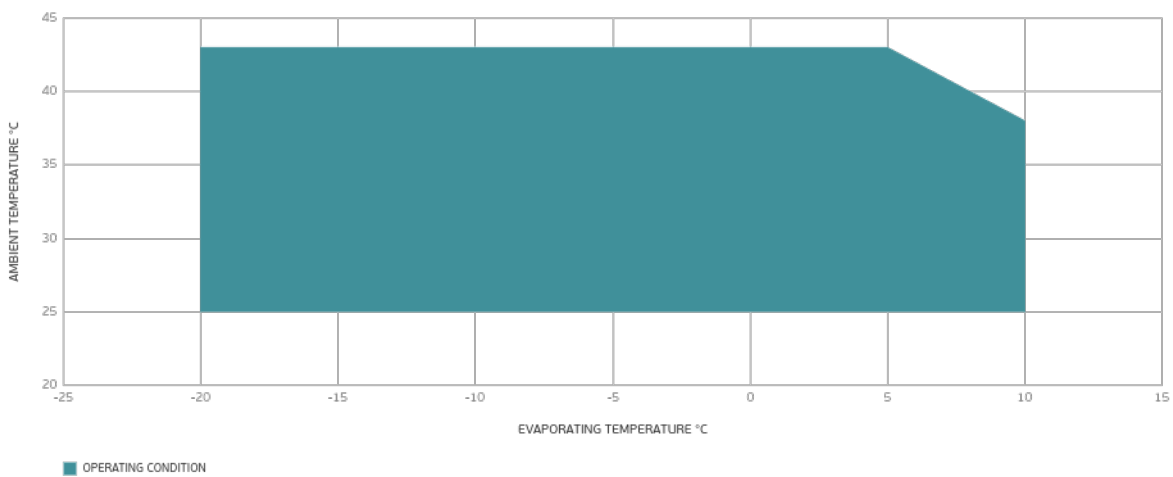
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	810	669	3.78	1.21
-15	977	744	4.03	1.31
-5	1346	901	4.67	1.49
0	1544	984	5.06	1.57
5	1748	1070	5.47	1.63
7	1838	1109	5.66	1.66
10	1954	1160	5.91	1.68

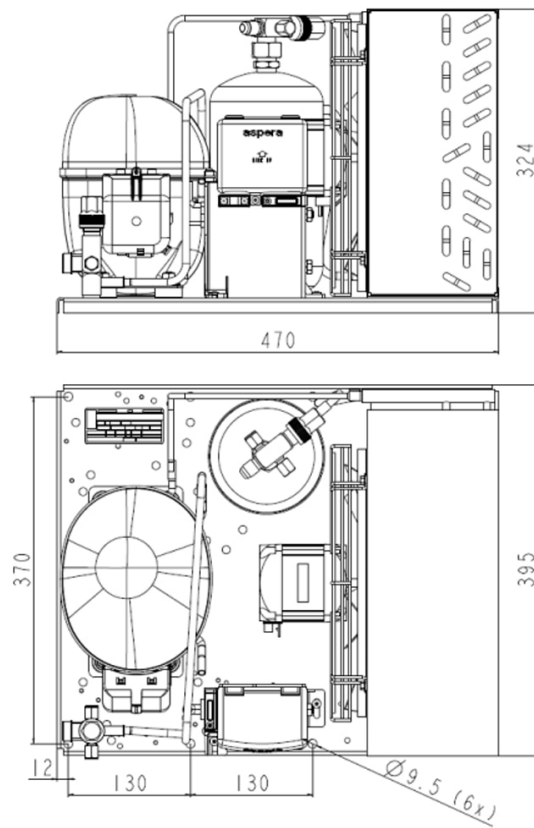
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 43.00°C, Return Gas 32 °C, Subcooling 3K

Operating Envelope



■ OPERATING CONDITION

External Dimensions



Wiring Diagram

