



APPROVALS



 **ENGINEERING CODE**
662FA0212AA

 **APPROVED REFRIGERANT**
R290

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1204 W

 **EFFICIENCY**
2.65 W/W

DATA

General Data

Weight	22.7 Kg
Receiver	1.1 L
Height	296 mm
Length	465 mm
Width	340 mm
Power Supply	220 - 240 V 50 Hz

Electrical Data

Motor Type	CSIR
Locked Rotor Amperage (LRA)	20 A
Max Current	3.1 A

Spare Parts

Condenser	3R11T	2451206
Fan Kit	IQ3612 254/28/5P	1996703
Valve Suction	FLARE 3/8"	2110024
Valve Discharge	FLARE 1/4"	2110025
Compressor	NEU6210U	862FA51..AN
Electrical Kit	ELCOM NEU6210U	862FA51M1A

Fan Motor

Number	1
Shaft Power	-
Air Flow	595 m ³ /h
Blade diameter	254 mm

PERFORMANCE

Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	1204 W	455 W	3.3 A	2.65 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	487	309	2.83	1.57
-15	644	334	2.91	1.93
-5	957	382	3.06	2.5
0	1109	406	3.12	2.73
5	1258	430	3.18	2.92
7	1322	441	3.2	3
10	1402	454	3.22	3.09

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	450	320	2.93	1.41
-15	584	344	3	1.7
-5	860	393	3.14	2.19
0	1001	418	3.21	2.39
5	1142	443	3.27	2.58
7	1204	455	3.3	2.65
10	1282	469	3.33	2.74

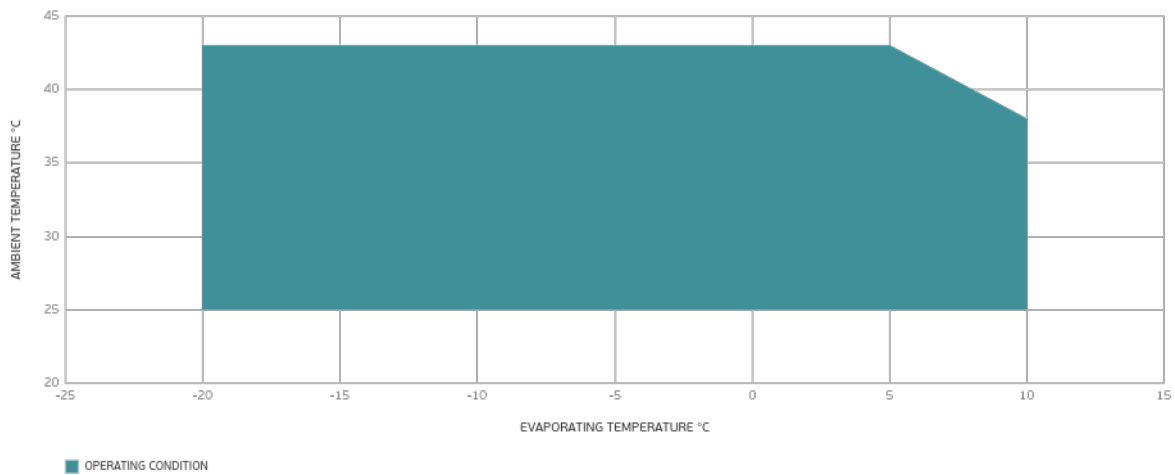
Test Condition ASHRAE: Evaporating temp. 7.20°C, Ambient temp. 32.00°C, Return Gas 32 °C, Subcooling 3K

Ambient Temperature 43°C

Evaporating Temperature °C	Cooling Capacity W	Power Consumption W	Current A	Efficiency W/W
-20	412	340	2.99	1.21
-15	504	368	3.06	1.37
-5	717	428	3.22	1.67
0	835	460	3.3	1.82
5	960	492	3.39	1.95
7	1017	506	3.43	2.01
10	1091	524	3.48	2.08

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

Operating Envelope



■ OPERATING CONDITION

