


APPROVALS




 **ENGINEERING CODE**
663JA0612AA

 **APPROVED REFRIGERANT**
R290

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

 **STANDARD CONDITIONS**
ASHRAE

 **APPLICATION**
M/HBP

 **COOLING CAPACITY**
1961 W

 **EFFICIENCY**
2.52 W/W

DATA

General Data

Weight	28.5 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	CSIR
Locked Rotor Amperage (LRA)	21 A
Max Current	4.6 A

Spare Parts

Valve Discharge	SOLDER 3/8"	2110049
Valve Suction	SOLDER 1/2"	2110052
Fan Kit	IQ3620 275/31/5B	1996704
Condenser	3R12T	2451218
Compressor	NEU6217U	863JA51..AN
Electrical Kit	ELKOM NEU6217U	863JA51N1A

Fan Motor

Number	1
Shaft Power	-
Air Flow	595 m³/h
Blade diameter	275 mm

PERFORMANCE

Rated Points

Ambient Temperature	Evaporating Temperature	Cooling Capacity	Power Consumption	Current	Efficiency
32.00°C	7.20°C	1961 W	779 W	4.18 A	2.52 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	935	461	2.89	2.03
-15	1118	506	3.05	2.21
-5	1540	610	3.44	2.52
0	1779	667	3.68	2.67
5	2038	728	3.94	2.8
7	2158	755	4.06	2.86
10	2317	791	4.21	2.93

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	847	477	2.99	1.78
-15	1017	522	3.14	1.95
-5	1403	627	3.54	2.24
0	1620	686	3.78	2.36
5	1853	750	4.05	2.47
7	1961	779	4.18	2.52
10	2103	817	4.35	2.57

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	711	511	3.1	1.39
-15	860	565	3.29	1.52
-5	1189	693	3.79	1.72
0	1370	766	4.1	1.79
5	1563	844	4.43	1.85
7	1651	881	4.59	1.87
10	1767	929	4.81	1.9

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

Operating Envelope

