



Select 8

Copeland[™]
brand products



EMERSON[™]

GACO SARL

28, Rue Bencharif Madani

25000 BELLEVUE/CONSTANTINE - ALGERIE

Tel. : 031 92 54 56 / 031 93 22 23 - Fax : 031 92 13 45

Email : gacosarl@gmail.com / benkobbi_fares@yahoo.fr



Project Report

Refrigerant

R404A Dew Point

High Side Properties:

Condensing Temperature °C

55.00

Condensing Abs. Pressure bar a

25.73

Dew Point °C

55.00

Bubble Point °C

54.74

Saturated vapour enthalpy kJ/kg

381.15

Specific volume of saturated vapour cu.dm/kg

6.19

Liquid Temperature °C

54.74

Liquid enthalpy kJ/kg

286.27

Low Side Properties:

Evaporating Temperature °C

-10.00

Evaporating Abs. Pressure bar a

4.34

Dew Point °C

-10.00

Bubble Point °C

-10.59

With vapour at °C

0.00

Specific volume cu.dm/kg

47.99

Enthalpy kJ/kg

369.46

Operating Conditions:

Evaporating Temperature °C

-10.00

Suction Superheat K

10.00

Ambient °C

43.00

Condensing Unit Selected

Z9-4MA-22X

GACO SARL

28, Rue Bencharif Madani

25000 BELLEVUE/CONSTANTINE - ALGERIE

Tel. : 031 92 54 56 / 031 93 22 23 - Fax : 031 92 13 45

Email : gacosarl@gmail.com / benkobbi_fares@yahoo.fr

**PERFORMANCE AT SPECIFIED OPERATING POINT****Z9-4MA-22X Data at 50Hz**

Cooling Capacity kW	25.80
Total Power Input kW	16.20
COP	1.59
Current at 400V, A	26.63
Mass Flow g/s	286.00
Heat Rejection kW	39.70
Condensing Temperature °C	51.30
Subcooling K	0.00

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	Z9/611
Base mounting (hole dia), mm	1435 x 535 (18)
Number of Fans	4
Air Flow, cu.m/sec	5.41
Total Fan Power Input, Watts	1600
Gross Weight, kg	548
Height, mm	1263
Depth/Width, mm	1107/1600
Suction Diameter, inch	1 5/8
Liquid Line, inch	7/8
Suction Type	Fixed Valve
High Side PS, bar(g)	31
Receiver Capacity, l	18.9
Sound Pressure @ 10m, dBA	59
Low Side PS, bar(g)	22.5
Net Weight, kg	383

CONDENSING UNIT ELECTRICAL DATA (380/420V - 3~ - 50Hz)

Condenser Fan Current for 1 fan (single phase)	1.85 / 2.25
Compressor Maximum Operating Current, A	36.3
Compressor Locked Rotor Current, A	175

GACO SARL

28, Rue Bencharif Madani

25000 BELLEVUE/CONSTANTINE - ALGERIE

Tel. : 031 92 54 56 / 031 93 22 23 - Fax : 031 92 13 45

Email : gacosarl@gmail.com / benkobbi_fares@yahoo.fr

***ACCESSORIES INCLUDED***

Electrical box
HP/LP Switch
CoreSense Diagnostics (-D)

140W x 205H x 130D
ALCO PS2-W7A
Oil pressure, motor and discharge
line temperature protection;
advanced diagnostics features and
power measurement

ACCESSORIES OPTIONAL

Crankcase Heater
Fan speed control
Liquid Receiver

100W Internal
ALCO FSP150
23l instead of 18l

Z9 - 4ML - 15X
Z9 - 4MA - 22X

