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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

H8-LE-20X

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**PERFORMANCE AT SPECIFIED OPERATING POINT**
H8-LE-20X Data at 50Hz

Cooling Capacity kW	3.47
Total Power Input kW	2.39
COP	1.45
Current at 400V, A	4.36
Mass Flow g/s	38.40
Heat Rejection kW	4.84
Condensing Temperature °C	51.30
Subcooling K	0.00

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	H8/271
Base mounting (hole dia), mm	700 x 370 (14)
Number of Fans	1
Air Flow, cu.m/sec	1
Total Fan Power Input, Watts	235
Gross Weight, kg	123
Height, mm	533
Depth/Width, mm	680/735
Suction Diameter, inch	7/8
Liquid Line, inch	1/2
Suction Type	Fixed Valve
High Side PS, bar(g)	31
Receiver Capacity, l	7.9
Low Side PS, bar(g)	22.5
Net Weight, kg	108

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

Condenser Fan Current for 1 fan (single phase)	1.15 / 1.4
Compressor Maximum Operating Current, A	5.7
Compressor Locked Rotor Current, A	37.6

ACCESSORIES INCLUDED

HP/LP Switch	ALCO PS2-W7A
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***ACCESSORIES OPTIONAL***

Crankcase Heater

Housing

Fan speed control

Fan speed control

Liquid Receiver

Liquid Receiver

70W Internal

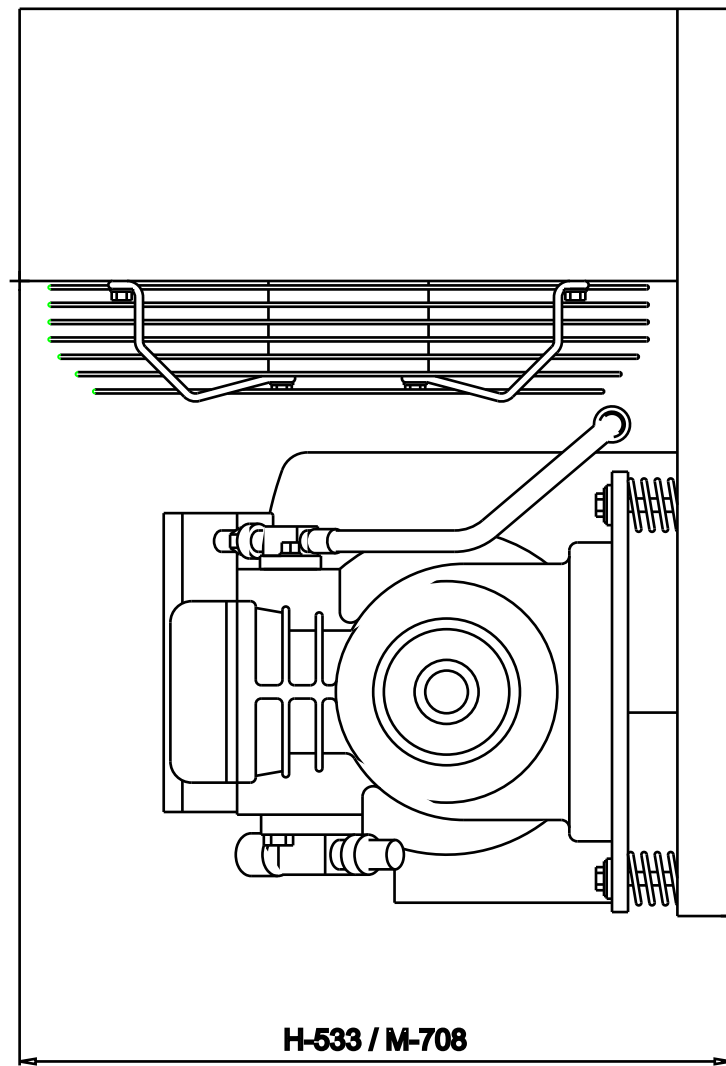
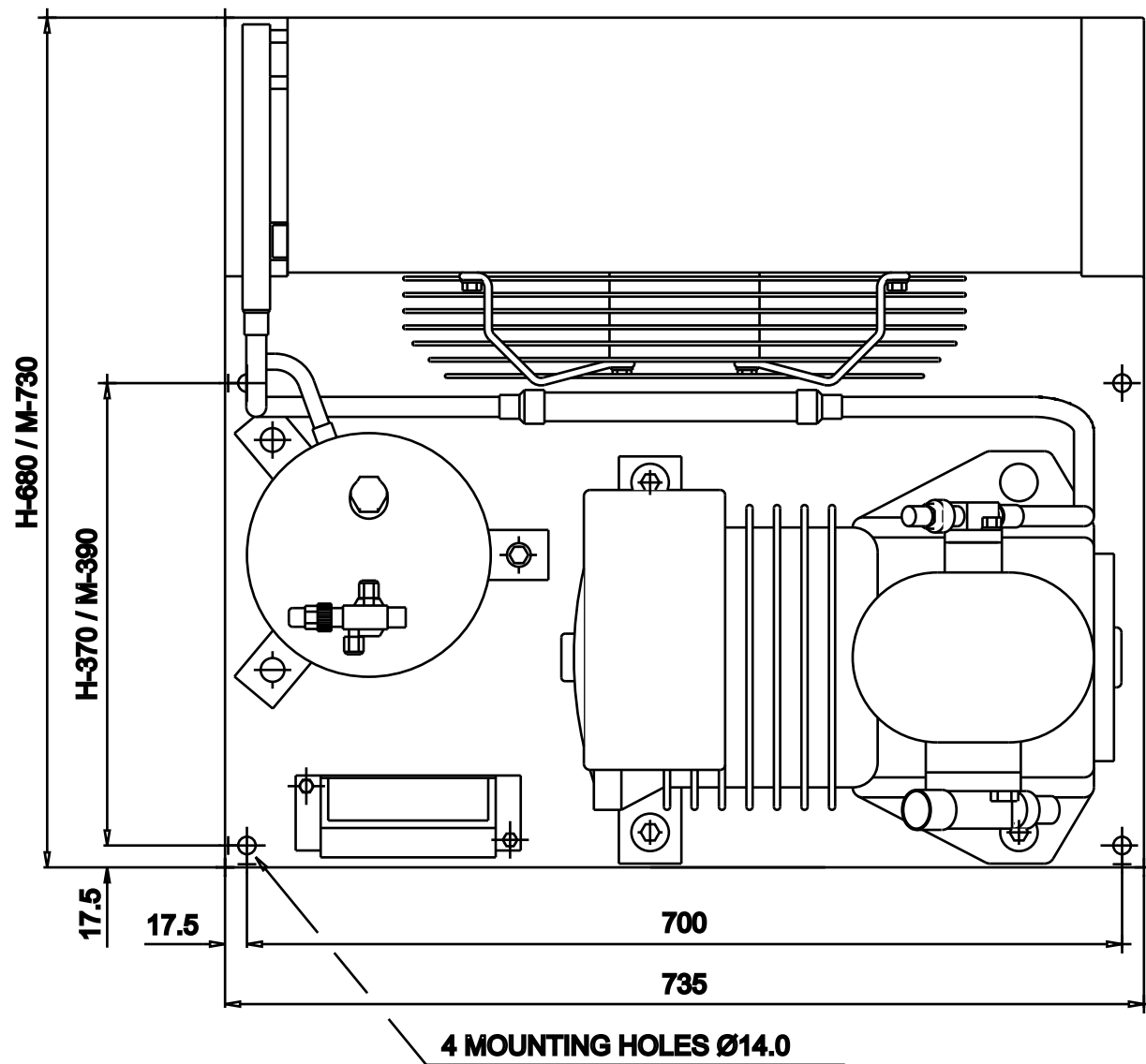
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ALCO FSM41S for R134a

ALCO FSM42S

11.5l instead of 7.5l

14l instead of 7.5l



H/M - DL