



Pack selection summary

Customer

CARRIER REFRIGERATION NORWAY

Object

NIBIO Lofthus

Art no. MISTRAL CO2VINPACK BI1430H2480H

Pack config. MCONQ8Q9Q9

MT

Nominal cooling capacity	33,24 kW
Compressor freq (C1)	70 Hz
Evaporating temp.	-8,00 °C
Heating capacity Gas cooler	49,93 kW
Gas cooler outlet temp	32 °C
Gas cooler working pressure	89 Bar
No.Compressors	3 Pc.
Swept volume	13,90 m3/h
CO2 Massflow	0,21 kg/s
COP Ref	1,99
COP Heat	2,99
Compressor type (s)	2MTE5KC (4,3) Y, 2KTE5KC (4,8) Y, 2KTE5KC (4,8) Y
Capacity steps	3 + inverter

General data

Receiver pressure	60,00 Bar
Max. Electrical Current	34,50 A
Absorbed Power	16,69 kW
Nominal Electrical Current	27,07 A
Electrical Panel (400V / 3ph / 50Hz / EN, Short circuit current 15kA)	1 Pc.
Control system GREEN CO2NTROL	1 Pc.
Web Server	1 Pc.
COP measurement and alarm	1 Pc.
Energy and current measurement	Option
Design pressure PS High pressure	120 Bar
Design pressure PS Medium pressure	80 Bar
Design pressure PS Low pressure side	60 (80) Bar
Dimension L*W*H preliminary	2400*690*1950 mm
Net Weight preliminary	1500 Kg