

Brine chiller – indoor installation type: MCVS 33-6-E

Offer: **Bitte eintragen**
 Position: **Bitte eintragen**

TECHNICAL DATA SHEET

Temperature cold (forward / return)	°C	-8 / -4
Temperature warm (forward / return)	°C	48 / 40
Maximum ambient temperature	°C	30
Minimum ambient temperature	°C	0

GENERAL DESIGN DATA

Cooling capacity	kW	17,5 (at 70 Hz)
Condensing capacity	kW	26,0 (at 70 Hz)
Power consumption in the design point	kW	8,7
EER		2,0
Current consumption at the design point	A	-
Maximum electrical absorption	A	18,0
Mainhost power supply	V / PH / Hz	380-420V Y/YY -3- 50Hz

COMPRESSOR

Refrigerant		Propane (R290)
Refrigerant charge	g	1.200
Compressor type		semi-hermetic reciprocating compressor
Number of compressors		1
Power levels frequency converter		FU

EVAPORATOR / CONDENSER (liquid applied)

Type		Multi-channel plate heat exchanger (soldered)
Material		stainless steel/copper
Number		1
injection valve		electronic
Cold transfer medium		Ethylene glycol 34%
Volume flow	m ³ /h	4,1
Pressure drop	kPa	18,2
Heat transfer medium		Ethylene glycol 34%
Volume flow	m ³ /h	4,9
Pressure drop	kPa	62

SAFETY CONCEPT

Gas detection system		2-stage – ATEX
Safety exhaust		Exhaust fan for combustible gases

INTERFACE

forward / return cold		flange connection DN40
forward / return warm		flange connection DN40
Suction safety device pipe		pipe DN50
Floor mounting		4x feet with vibration damper (height adjustable)

CONTROL CABINET / CONTROL (separate item in the offer)

D-Bus-Interface		ModBus RTU or TCP
CPU		Siemens Climatix
Visualisation		Siemens HMI POL871.71/STD

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NOISE EMISSION

Sound pressure level in 5m	dB(A)	43
Sound measurement acc. to DIN 45635 -1:1984-04		

DIMENSIONS AND WEIGHT

Length	mm	750
Width	mm	750
Height with vibration dampers	mm	1450
Transport weight	kg	ca. 350

TECHNICAL DRAWING / ILLUSTRATION

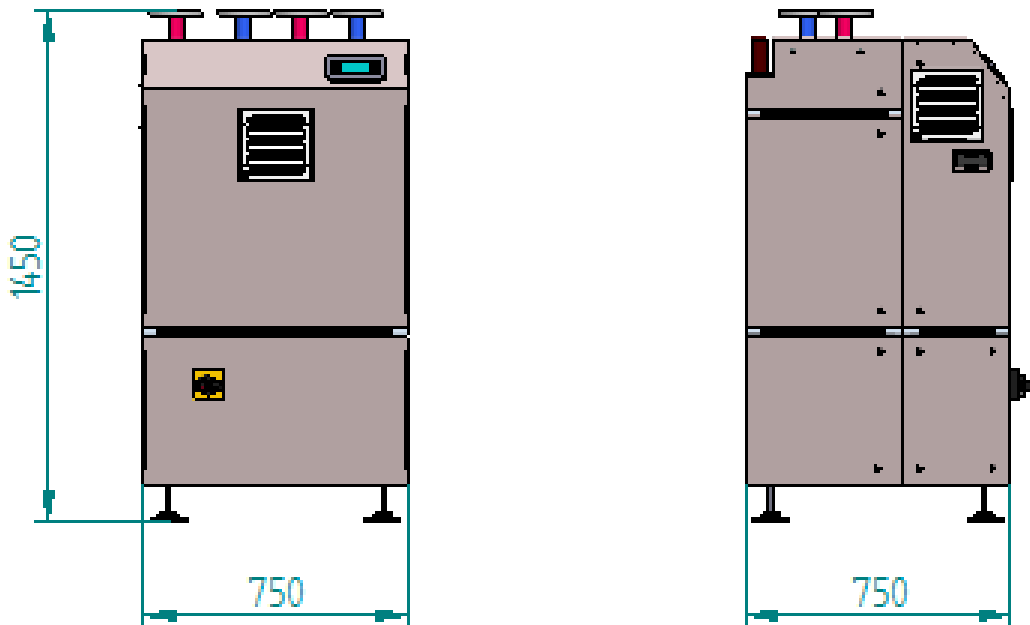


Illustration exemplary

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