

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

Offer: Bitte eintragen
Position: Bitte eintragen

TECHNICAL DATA SHEET

Temperature cold (forward / return)	°C	-8 / -4
Temperature warm (forward / return)	°C	45 / 40
Maximum ambient temperature	°C	30
Minimum ambient temperature	°C	0

GENERAL DESIGN DATA

Cooling capacity	kW	13,0
Condensing capacity	kW	18,8
Power consumption in the design point	kW	6,0
EER		2,2
Current consumption at the design point	A	10,6
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		2 (50/100%)

EVAPORATOR / CONDENSER (liquid applied)

Type		Multi-channel plate heat exchanger (soldered)
Material		stainless steel/copper
Number		1
injection valve		electronic
Cold transfer medium		Ethylene glycole 34%
Volume flow	m ³ /h	4,0
Pressure drop	kPa	10
Heat transfer medium		Ethylene glycole 34%
Volume flow	m ³ /h	3,5
Pressure drop	kPa	33

SAFETY CONCEPT

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

INTERFACE

forward / return cold		Victaulic 42,4 - TYP75 flexible
forward / return warm		Victaulic 42,4 - TYP75 flexible
Connection power supply		machine connector Phoenix HC-B
Control connection		machine connector Phoenix HC-B
Connection of sensors / gas warning system		machine connector Phoenix HC-B
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	882
Width	mm	630 – 700
Height with vibration dampers	mm	782
Transport weight	kg	ca. 300

TECHNICAL DRAWING / ILLUSTRATION

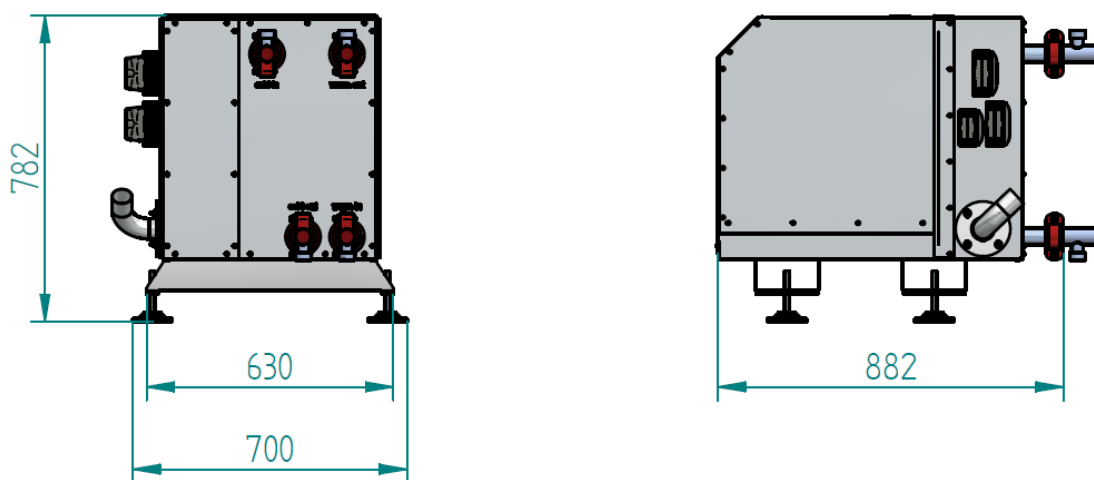


Illustration exemplary

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