

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

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

**TECHNICAL DATA SHEET**

Temperature cold (forward / return)	°C	7 / 12
Temperature warm (forward / return)	°C	46 / 40
Maximum ambient temperature	°C	30
Minimum ambient temperature	°C	0

**GENERAL DESIGN DATA**

Cooling capacity	kW	23,2
Condensing capacity	kW	30,5
Power consumption in the design point	kW	7,4
EER		3,1
Current consumption at the design point	A	12,6
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		Water
Volume flow	m <sup>3</sup> /h	4,0
Pressure drop	kPa	15
Heat transfer medium		Ethylene glycole 34%
Volume flow	m <sup>3</sup> /h	4,8
Pressure drop	kPa	60

**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**

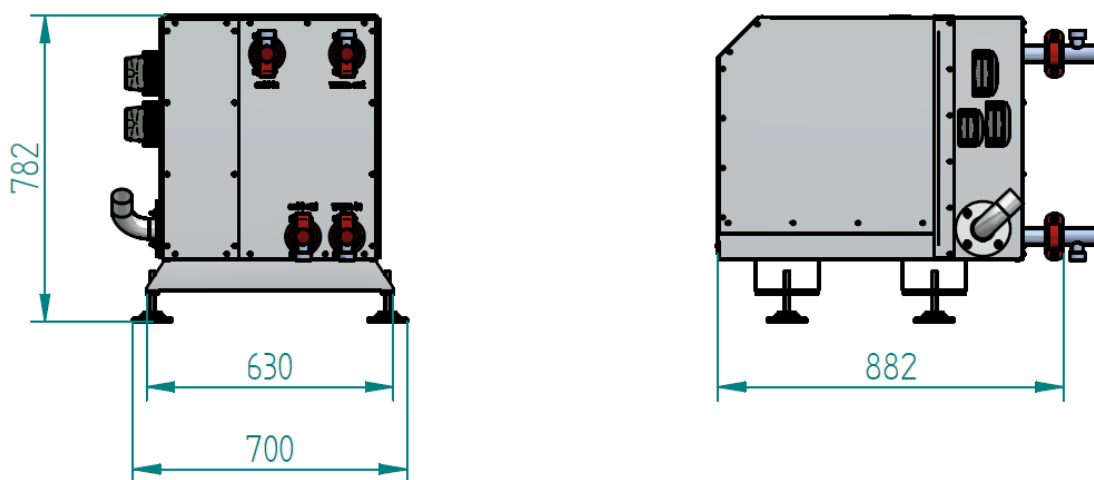


Illustration exemplary

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