

Brine chiller (air-cooled) – outdoor installation type: MAC 2/2. 67 – 10

Offer: Bitte eintragen  
Position: Bitte eintragen

**TECHNICAL DATA SHEET**

**GENERAL DESIGN DATA**

Temperature cold (forward / return)	°C	12 / 7
Air inlet ambient temperature	°C	35
Maximum ambient temperature	°C	40
Minimum ambient temperature	°C	-15
Cooling capacity	kW	94,6
EER		3,5
Mainhost power supply	V / PH / Hz	380-420V Y/YY -3- 50Hz
Maximum electrical absorption	A	75
Refrigerant cycle		2
Refrigerant		Propane (R290)
Refrigerant charge (apiece Refrigerant cycle)	g	9
Cold transfer medium		Water

**COMPRESSOR**

Compressor type		semi-hermetic reciprocating compressor
Number of compressors		2
staged power control		2x control stage switching
Total Power consumption	kW	26,6
Power levels frequency converter	A	46,2
Maximum electrical absorption (apiece compressor)	A	35

**CONDENSER (air applied)**

Type		Aluminium finned
Material (Pipe)		copper
Fan number		2
Fan type		EC
Total Power consumption	kW	2

**EVAPORATOR (liquid applied)**

Type		Multi-channel plate heat exchanger (soldered)
Material		stainless steel/copper
Number		1
injection valve		electronic
Volume flow Cold transfer medium	m <sup>3</sup> /h	16,2
Pressure drop	kPa	ca. 50

**SAFETY CONCEPT**

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

**CONTROL CABINET / CONTROL (separate item in the offer)**

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

**Brine chiller – outdoor installation      type: MAC 2/2. 67 – 10**

**INTERFACE**

forward / return cold	flange connection DN 50    bolt circle-Ø 125 mm
Connection terminals supply line *	Connecting terminal plate 3L+N+PE
Floor mounting	6x feet with vibration damper (height adjustable)
* The cable cross-section is to be calculated according to the applicable regulations and can vary depending on the cable length, type of installation and other factors.	

**PURCHASER SPECIFIC REQUIREMENTS**

**NOISE EMISSION**

Sound pressure level in 10m	dB(A)	59
-----------------------------	-------	----

**DIMENSIONS AND WEIGHT**

Length	mm	4500
Width	mm	1204
Height with vibration dampers	mm	2000
Transport weight	kg	max. 2100

**TECHNICAL DRAWING / ILLUSTRATION**

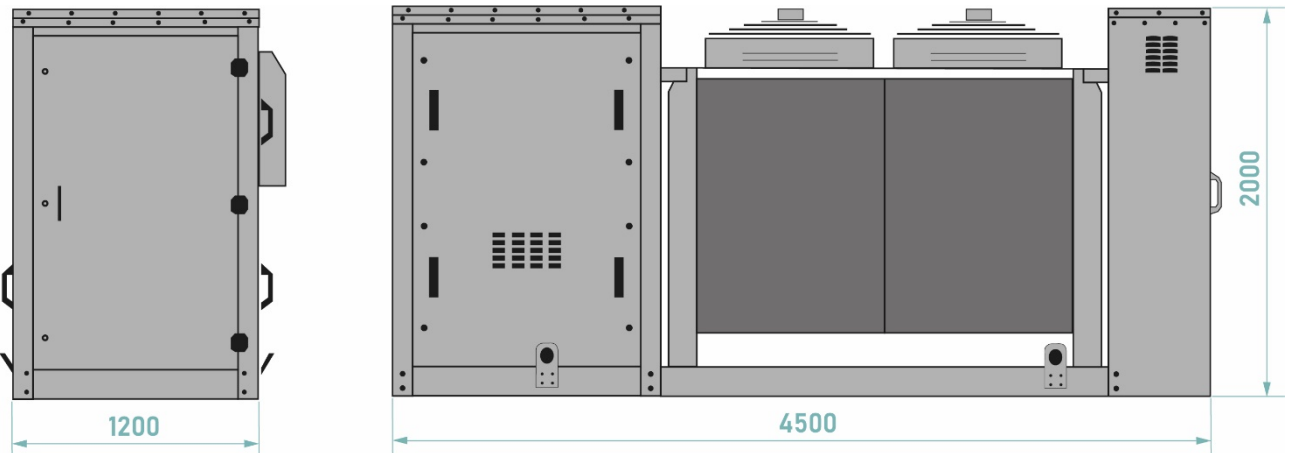


Illustration exemplary

The text and the illustrations correspond to the technical status at the time of printing, subject to change. Despite careful processing, all information is without warranty. Further liability shall be excluded.