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\*Toll-free calls throughout Germany



COMPETENT. FAST. RELIABLE

# ACR-TT2-320 – Technical Specifications – Chiller Low-Temp



## Quick overview

Screw  
Compressor

Refrigerant

Process  
TemperatureIntegrated  
PumpTitanium  
evaporator

## Optionally accessories

Ext. Pump  
ModuleHeat  
ExchangerExt. Buffer  
StorageElectrical  
CablesCooling Tower/  
Dry-cooler

Different requirements and applications can be provided on request!

## Technical specifications:

<b>*Cooling capacity</b>	<b>kW</b>	<b>320</b>
Power input	kW	310
Voltage	V/Hz/Ph	400/50/3
Operating current	A	502
Electrical connection	Cable terminals	3 Ph + PE
** Fuse protection	A	630
** Cable recommendation	mm <sup>2</sup>	4x120 (Single wire)
Flow rate Verd.	m <sup>3</sup> /h	87,0
Flow rate Verf.	m <sup>3</sup> /h	108,0
Max. operating pressure	bar	10
Cold water connections	Flange	DN 125
Condenser water connections	Flange	DN 125
Capacity control	%	25 - 100
Refrigerant	-	R507A
Transport weight	kg	11000
Dimensions (l x w x h)	mm	5500x2500x2700

\* Design conditions: Evaporator brine temperatures -20/-24°  
(Brine: CaCl<sub>2</sub>/H<sub>2</sub>O 28/72%)

→ Different requirements and applications on request.

\*\* On-Site power installation should be entrusted to an electrical specialist.

## Technical description:

Corrosion resistant, water cooled liquid chiller for outdoor locations. The unit is used for mechanical brine cooling to -30°C at the evaporator outlet.

Consists of the following main components: Screw compressor, oil precipitator, oil cooler, Economizer; titanium vaporizer, condenser, electrical cabinet for all controls and regulation. Housing cooling and floor pan according to WHG. Extensive optional accessories are available.