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COMPETENT. FAST. RELIABLE

ACR-M-900-W – Technical Specifications – Rental Chiller



Quick overview

Screw
Compressor

Refrigerant

Process
Temperature

R 134a

-10°C bis +20°C

Optionally accessories

Cold Water
TubesDN 40
Storz AExt. Pump
ModuleExt. Buffer
StorageCooling Tower/
Dry-coolerElectrical
Cables

Different requirements and applications can be provided on request!

Technical specifications:

*Cooling capacity	kW	858
Power input	kW	175
Voltage	V/Hz/Ph	400/50/3
Operating current	A	504
Electrical connection	Cable terminals	3 Ph + PE
** Fuse protection	A	630
** Cable recommendation	mm ²	4x150 (Single wire)
Flow rate Evaporator	m ³ /h	123,0
Flow rate Condenser	m ³ /h	104,0
Max. operating pressure	bar	10
Cold water connections	Flange	DN 125
Condenser water connections	Flange	DN125
Capacity control	%	25-100
Refrigerant	-	R134a
Sound pressure at 5m	dB(A)	72
Transport weight	kg	4000
Dimensions (l x w x h)	mm	4200x1400x2200

* Design conditions: Evaporator water temperatures 12/7°
Condenser water temperatures 29/35°C

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

Technical description:

The water-cooled liquid chillers for mechanical cold water-/fluid cooling, are equipped with two quiet running screw compressors. The shell and tube evaporator and condenser are enclosed by a steel shell. The unit should be set up on a horizontal, stable work area and have at least 2m free space to all sides. All controls and regulators are contained within the housing.