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COMPETENT. FAST. RELIABLE

ACR-M-500/P – Technical Specifications – Rental Chiller



Quick overview

Screw
Compressor

Refrigerant

Process
TemperatureIntegrated
PumpSound
Level

Optionally accessories

Cold Water
TubesHeat
ExchangerExt. Buffer
StorageElectrical
CablesRemote
Monitoring

Different requirements and applications can be provided on request!

Technical specifications:

*Cooling capacity	kW	501
Power input	kW	166
Voltage	V/Hz/Ph	400/50/3
Operating current	A	384
Electrical connection	Cable terminals	-
** Fuse protection	A	400
** Cable recommendation	mm ²	4 x 240 (Single wire)
Flow rate	m ³ /h	86,1
Max. operating pressure	bar	10
External pressure head	m	23
Cold water connections	Storz	A
Capacity control	%	12,5-100
Refrigerant	-	R 134a
Sound pressure at 5m	dB(A)	67
Transport weight	kg	5000
Dimensions (l x w x h)	mm	4200x2300x2760

* Design conditions: Evaporator water temperatures 12/7°, Ambient temperature 35 °C

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

Technical description:

Air cooled corrosion resistant chiller for outdoor locations. This mechanical refrigeration unit for providing cold water is equipped with a very quiet running screw compressor. The liquid cooler has an integrated cold water pump head height of 23 m (230 kPa), it should be set up on a horizontal, stable work area and have at least 2 m free space to all sides. All controls and regulators are contained within the housing.