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*Toll-free calls throughout Germany



COMPETENT. FAST. RELIABLE

ACR-M-3000-W – Technical Specifications – Rental Chiller



Quick overview

Centrifugal
Compressor



Refrigerant



Process
Temperature



Optionally accessories

Ext. Pump
Module



Heat
Exchanger



Ext. Buffer
Storage



Cooling Tower/
Dry-cooler



Electrical
Cables



Different requirements and applications can be provided on request!

Technical specifications:

*Cooling capacity	kW	2.800
*Re-cooling capacity	kW	3.307
Power input	kW	506
Voltage	V/Hz/Ph	400/50/3
Operating current	A	920
Electrical connection	Cable terminals	3 Ph + PE
** Fuse protection	A	3x315
** Cable recommendation	mm ²	11x185 (Single wire)
Flow rate Evaporator	m ³ /h	402
Flow rate Condenser	m ³ /h	358
Pressure drop Evaporator	kPa	91
Pressure drop Condenser	kPa	57
Max. operating pressure	bar	10
Cold water connections	Storz	2x125
Condenser water connections	Storz	2x125
Capacity control	–	%
Refrigerant	–	R134a
Transport weight	kg	11182
Dimensions (l x w x h)	mm	4800x2100x2200

* 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 a quiet running centrifugal compressor. 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.