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ACR-M-600-W/WP – Technical Specifications – Rental Heat Pump Water to Water



Quick overview

Scroll Compressor



Refrigerant



Process Temperature



Heat Pump Function



Optionally accessories

Cold Water Tubes



Ext. Pump Module



Ext. Buffer Storage



Cooling Tower/ Dry-cooler



Electrical Cables



Different requirements and applications can be provided on request!

Technical specifications:

*Heating capacity	kW	776
**Cooling capacity	kW	582
Power input	kW	148
Voltage	V/Hz/Ph	400/50/3
Operating current	A	366 (2x183)
Electrical connection	Cable terminals	3 Ph + PE
*** Fuse protection	A	400 (2x200)
*** Cable recommendation	mm ²	8 x 95
Flow rate Evaporator	m ³ /h	100,0
Flow rate Condenser	m ³ /h	125,2
Max. operating pressure	bar	10
Cold water connections	Storz	2xB / 1xA
Condenser water connections	Storz	2xB / 1xA
Capacity control	Steps	2x3
Refrigerant	-	R410A
Sound pressure at 5m	dB(A)	71
Transport weight	kg	2400 (2x1200)
Dimensions (l x w x h)	mm	2432x928x1186+1186

* Design Conditions: Hot water temperatures 40°/45°, Evaporator water temperatures 15°/10°

** Design conditions: Evaporator water temperatures 12/7° Condenser water temperatures 30/35°C

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

Technical description:

Modular design of two water-cooled liquid chillers with reversible operation can be used for cooling/heating. The units are each equipped with two quiet running scroll compressors. The plate evaporator and the plate condenser consist of stainless steel. The unit should be set up on a horizontal, stable work area inside and have at least 1.5 m free space to all sides. The modular design allows the devices to be stacked on top or positioned next to each other. All controls and regulators are contained within the housing.