

Chiller XRCA-3001-WA

Art.-Nr. 20033337



Description

- The cooling unit XRCA-3001-WA is designed to provide a continuous flow of coolant fluid at a constant temperature.
- Water circulates between the cooling unit and the heat source. The water is chilled by an air-cooled refrigeration system.
- The cooling capacity is 3000 W related to 40°C ambient temperature and +25°C +/- 2°C fluid temperature. Cooling hoses are connected to the cooling unit via quick connectors.

Technical data

Physical dimensions

Length:	590 mm
Width:	612 mm
Height:	925 mm
Weight:	115 kg without water
Coolant capacity:	14 l

Performance data

Cooling capacity:	3000 W at 40°C ambient temperature
Water flow:	> 6 l/min at 4.0 bar
Voltage rating:	230 V 50/60 Hz (switch able to 208 V 50/60 Hz)
Current consumption:	9.3 A
Noise level:	≤ 65 dB(A), Distance 1 m in any direction

Environmental specifications

Ambient temperature:	+ 5°C ...+ 40°C
Storage temperature:	- 25°C ...+ 70°C (Storage without water)
Air humidity:	20% ... 90% (not condensing)

Refrigeration cycle

Refrigerant:	R 134 A
Capacity:	1.3 kg

Settings

Maximum pressure:	≤ 6.7 bar
Water outlet temperature(T1):	25°C
Anti freezing(T2):	5°C
Temperature MAX (T3):	35°C
Flow switch:	6 l/min

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Performance chart

