# 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 mmWidth:612 mmHeight: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:  $\leq$  65 dB(A), Distance 1 m in any direction

**Environmental specifications** 

Ambient temperature:  $+5^{\circ}\text{C} \dots + 40^{\circ}\text{C}$ Storage temperature:  $-25^{\circ}\text{C} \dots + 70^{\circ}\text{C}$ 

(Storage without water)

Air humidity: 20% ... 90%

(not condensing)

### Refrigeration cycle

Refrigerant: R 134 A Capacity: 1.3 kg

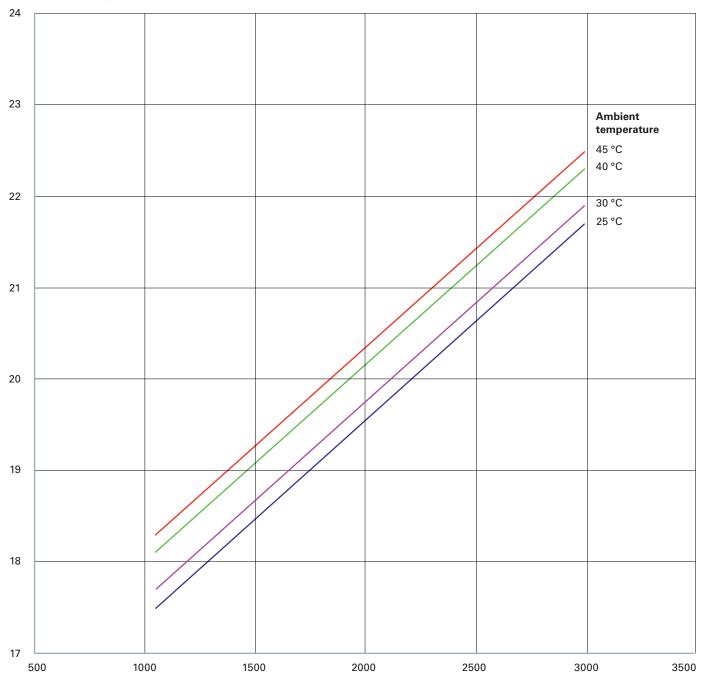
#### **Settings**

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



# **Performance chart**

## Water flow temperature in °C



Power in W