

KÜHLMOBIL 600 watts to 1kW -now supplied with natural refrigerant R290

Compact and quiet

A powerful but quiet, small circulatory cooler available in different cooling powers. A cooling unit cools the circulating water and/or antifreeze mixture in a small container, from where it is supplied to the cooling unit by a circulation pump.

The container is easily accessible and can be filled from under the hinged cover on the top of the unit.

This type of unit is available in a version with a 0.4 bar pump with up to 28 l/min or a 3.5 bar pump with up to 10 l/min. The chiller can be supplied as an air or water cooled version. Other temperature ranges are available. Many other options and accessories are available, please see the accessories and options section.

Application examples

- Rotary evaporators
- Distillation devices
- Soxhlet extractions
- Water baths
- Calorimetry
- TGA
- Electron microscopy
- AAS-devices
- ICP-devices
- Extraction
- Instrument cooling
- Scanning electron microscopy
- XRD

Features and advantages

- 100% water savings in tap water
- No sewage costs for waste water
- Cooling water temperature, pressure and flow can be regulated
- Constant water quality, no limescale, no algae
- Compact 5 litre tank
- Almost noiseless
- Temperature display in O-LED capacitive touch pad controller
- Lockable castors

- Acoustic and text description alarm Display
- Ambient temperature up to 32°C
- Available with higher pump pressure and many different options and accessories
- Power regulation by microprocessor controlled proportional regulator, this means high temperature stability of water pre-run temperature optional (0.1 K/°C)

Technical data

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	600 watt	800 watt	1kW
Model and part no. (air cooled version with 0.4 bar pump)	0000-A-RB400 1-100859	0002-A-RB400 1-100861	000-A-RB400 1-100863
Model and part no. (water cooled version with 0.4 bar pump)	0000-W-RB400 2-100274	0002-W-RB400 2-100276	000-W-RB400 2-100278
Model and part no. (air cooled version with 3.5 bar pump)	0001-A-RB400 1-100860	0004-A-RB400 1-100862	002-A-RB400 1-100864
Model and part no. (water cooled version with 3.5 bar pump)	0001-W-RB400 2-100275	0004-W-RB400 2-100277	002-W-RB400 2-100279
Temperature range	16-22° C	16-22° C	16-22° C
Cooling power @ 20°C	600 watt	800 watt	1000 watt
Pump capacity max. 0.4 bar pump	28 l/min.	28 l/min.	28 l/min.
Pump capacity max. 3.5 bar pump	10 l/min.	10 l/min.	10 l/min.
Connections	Quick lock with 9 mm hose sleeves	Quick lock with 9 mm hose sleeves	Quick lock with 9 mm hose sleeves
Dimensions W x D x H	360 x 470 x 590 mm	430 x 470 x 695 mm	430 x 470 x 695 mm
Current	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH
Power consumption max.	430 watt	580 watt	630 watt
Weight	52 kg	52 kg	54 kg
Refrigerant	R290	R290	R290