

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

Technical Data	KÜHLMOBIL 600 watt	KÜHLMOBIL 800 watt	KÜHLMOBIL 1kW
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	430 watt max.	580 watt max.	630 watt max.
Weight	52 kg	52 kg	54 kg
Refrigerant	R290	R290	R290
Part no. Air cooled 0.4 bar pump	0000-A-RB400	0002-A-RB400	000-A-RB400
Part no. Air cooled 3.5 bar pump	0001-A-RB400	0004-A-RB400	002-A-RB400
Part no. Water cooled 0.4 bar pump	0000-W-RB400	0002-W-RB400	000-W-RB400
Part no. Water cooled 3.5 bar pump	0001-W-RB400	0004-W-RB400	002-W-RB400