

KÜHLMOBIL 1.2kW to 2.9kW

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 15 or 25L container is easily accessible and can be filled from under the hinged cover on the top of the unit.

This type of unit is supplied with a 3.5 or 4.5 bar pump with up to 10 or 40 l/min. Other pump pressures or temperature ranges are available. The chiller can be supplied as an air or water cooled version. . Many other options and accessories are available, please see the accessories and options section. The air inlet is on the front face. The air outlet is at the rear.

Flow rate display is available as an option, installed on the return point, even with bypass control, the number of litres per minute flowing through the unit being cooled can be read. The bypass can be adjusted accurately. The volume flow will be monitored digitally in the front display of the operating panel

Application examples

- Rotary evaporators
- Water baths
- Calorimetry
- TGA
- Electron microscopy
- AAS-devices
- ICP-devices
- Extraction
- Instrument cooling
- Fish tank temperature maintenance
- Laser cooling
- Sputtering systems
- Deposition vacuum equipment

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 15/25 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
- Quick lock 9mm hose connections
- 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)
- All the models switch off completely in the event of a fault or water failure.

Technical Data

Technical Data	KÜHLMOBIL 1.2kW	KÜHLMOBIL 1.5kW	KÜHLMOBIL 1.9kW
Temperature range	16-22° C	16-22° C	16-22° C
Cooling power @ 20°C	1200 watt	1500 watt	1900 watt
Pump capacity max. 3.5 bar pump	10 l/min.	10 l/min.	10 l/min.
Dimensions W x D x H	530 x 580 x 750 mm	530 x 580 x 750 mm	530 x 580 x 750 mm (A) 470 x 560 x 690 mm (W)
Current	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH
Weight	70 kg	72 kg	79 kg
Refrigerant	R134a	R134a	R134a
Part no. Air cooled	010-A-RB400	101-A-RB400	111-A-RB400
Part no. Water cooled	010-W-RB400	101-W-RB400	111-W-RB400

Technical Data

Technical Data	KÜHLMOBIL 2.1kW	KÜHLMOBIL 2.4kW	KÜHLMOBIL 2.9kW
Temperature range	16-22° C	16-22° C	16-22° C
Cooling power @ 20°C	2100 watt	2400 watt	2900 watt

Technical Data	KÜHLMOBIL 2.1kW	KÜHLMOBIL 2.4kW	KÜHLMOBIL 2.9kW
Pump capacity max. 3.5/4.5 bar pump	10 l/min. (3.5 bar)	10 l/min. (3.5 bar)	40 l/min. (4.5 bar)
Dimensions W x D x H	530 x 580 x 750 mm (A) 470 x 560 x 690 mm (W)	530 x 580 x 750 mm (A) 470 x 560 x 690 mm (W)	580 x 660 x 820 mm
Current	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH
Weight	81 kg	82 kg	95 kg
Refrigerant	R134a	R134a	R134a
Part no. Air cooled	121-A-RB400	132-A-RB400	142-A-RB400
Part no. Water cooled	121-W-RB400	132-W-RB400	142-W-RB400