MINORE® -now supplied with natural refrigerant R290

Compact and economical

Inquire about a product now without obligation!



The MINORE® is a small circulatory cooler available in 300W, 350W and 500W versions. 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 the same size of casing up to 600 W and 3.0 bars pump pressure and can be supplied as an air or water cooled version. Other temperature ranges are available.

Application examples

- Rotary evaporators
- Distillation devices
- Soxhlet extractions
- Water baths

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
- Minimum space requirement on every laboratory table
- 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 heating, this means high temperature stability of water pre-run temperature optional (0.1 K/°C)

Technical data

Technical data	MINORE® 0	MINORE® I	MINORE® II
Model and part no. (air cooled version)	MINORE® 0-A-RB400 1-100856	MINORE® I-A-RB400 1-100857	MINORE® II-A-RB400 1-100858
Model and part no. (water cooled version)	MINORE® 0-W-RB400 2-100271	MINORE® I-W-RB400 2-100272	MINORE® II-W-RB400 2-100273
Temperature range	16-22° C	16-22° C	16-22° C
Cooling power @ 20°C	300 watt	350 watt	500 watt
Pump capacity max.	28 l/min.	28 l/min.	28 l/min.
Feed pressure max.	0.4 bar	0.4 bar	0.4 bar
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	360 x 470 x 590 mm	360 x 470 x 590 mm
Current	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH
Power consumption max.	220 Watt	270 Watt	340 Watt
Weight	31 kg	37 kg	38 kg
Refrigerant	R290	R290	R290

Product request

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