

KÜHLMOBIL 3.2kW to 6kW

Powerful workhorse

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A range of more powerful cooling units from 3.2kW to 6kW, these models of cooling unit are also mobile units with plug-in connections. For reducing the operating cycles per hour the tank size is 100 litres. The containers are easy to fill thanks to the large screw cover filling holes on the top of each cooling unit. Evaporation rates are very low.

Since the heat emitted from units of this size can be very considerable (warming of more than 40% to the surrounding area), these units are frequently installed outside, in technical areas or even in large fields. The amortisation times are relatively short since the KÜHLMOBIL saves significant amounts of water per year.

All the variants are also possible on these versions. More powerful aircooled KÜHLMOBIL units are available up to 45kW, please enquire

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

- Large size water bath cooling

- Packaging machinery
- Sputtering systems
- X-ray fluorescence spectrometer
- X-ray generators
- Form presses
- Instrument cooling
- Primary cooling

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
- 100 litre tank to extend the running times
- 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 regulation, this means high temperature stability of water pre-run temperature optional (0.1 K/°C)

Technical data

| Technical data | KÜHLMOBIL 3.2kW | KÜHLMOBIL 3.9kW | KÜHLMOBIL 4.3kW |
|--|------------------------|------------------------|------------------------|
| Model and part no. (air cooled version) | 210-A-B400 1-100403 | 221-A-B400 1-100462 | 311-A-B400 1-100228 |
| Model and part no. (water cooled version) | 210-W-B400 2-100286 | 221-W-B400 2-100287 | 311-W-B400 2-100288 |
| Temperature range | 16-22° C | 16-22° C | 16-22° C |
| Cooling power @ 20°C | 3200 watt | 3900 watt | 4300 watt |
| Pump capacity max. 4.5 bar pump | 40 l/min. | 40 l/min. | 40 l/min. |
| Dimensions W x D x H | 680 x 730 x 1520 mm | 680 x 730 x 1520 mm | 680 x 730 x 1520 mm |
| Current | 400 V/50 Hz/3 PH | 400 V/50 Hz/3 PH | 400 V/50 Hz/3 PH |
| Weight | 175 kg | 181 kg | 183 kg |
| Refrigerant | R134a | R134a | R134a |

Technical data

| Technical data | KÜHLMOBIL 5kW | KÜHLMOBIL 5.4kW | KÜHLMOBIL 6kW |
|--|------------------------|------------------------|------------------------|
| Model and part no. (air cooled version) | 312-A-B400 1-100021 | 313-A-B400 1-100287 | 322-A-B400 1-100023 |
| Model and part no. (water cooled version) | 312-W-B400 2-100289 | 313-W-B400 2-100290 | 322-W-B400 2-100291 |
| Temperature range | 16-22° C | 16-22° C | 16-22° C |
| Cooling power @ 20°C | 5000 watt | 5400 watt | 6000 watt |
| Pump capacity max. 5.5 bar pump | 66 l/min. | 66 l/min. | 66 l/min. |
| Dimensions W x D x H | 680 x 730 x 1520 mm | 680 x 730 x 1520 mm | 680 x 730 x 1520 mm |
| Current | 400 V/50 Hz/3 PH | 400 V/50 Hz/3 PH | 400 V/50 Hz/3 PH |
| Weight | 189 kg | 191 kg | 199 kg |
| Refrigerant | R134a | R134a | R449A |

Product request

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