

KÜHLMOBIL 0-22° C

Prepackaged, wide temperature range, simple choice for wide ranging applications

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A pre-packaged, simple choice of KÜHLMOBIL chillers for general laboratory applications

All the specification of the standard range picking out the most popular cooling powers with a wider temperature range to make a simple choice of a versatile chiller for many different basic cooling applications. Ranging from 350W up to 38.5kW in both air and water cooled versions.

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. The amortisation times are relatively short since the KÜHLMOBIL saves significant amounts of water per year.

Application examples

- Rotary evaporators
- Water bath cooling
- General laboratory equipment cooling
- Instrument cooling
- Primary cooling

Features and advantages

- Models based on the best selling cooling powers
- Versatile temperature range down to 0° C

- Stability between $\pm 1^{\circ}\text{C}$ to $\pm 1.5^{\circ}\text{C}$
- 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
- Large internal tank for increased temperature stability
- Relative quiet up to 5 kW
- Temperature display in O-LED capacitive touch pad Controller in different languages
- Lockable castors
- Acoustic and text description alarm Display
- Ambient temperature up to 32°C

Technical data

Technical data	KÜHLMOBIL VDH350	KÜHLMOBIL VDH600	KÜHLMOBIL VDH1000	KÜHLMOBIL VDH1500	KÜHLMOBIL VDH2400
Model and part no. (air cooled version)	VDH350A 1-100945	VDH600A 1-100946	VDH1000A 1-100947	VDH1500A 1-100948	VDH2400A 1-100949
Model and part no. (water cooled version)	VDH350W 2-100330	VDH600W 2-100331	VDH1000W 2-100332	VDH1500W 2-100333	VDH2400W 2-100334
Temperature range	0-22° C	0-22° C	0-22° C	0-22° C	0-22° C
Cooling power @ 250 watt 10°C		450 watt	800 watt	1100 watt	1750 watt
Pump capacity max. pressure	0.4 bar	0.4 bar	0.4 bar	3.5 bar	3.5 bar
Pump capacity max. flow	28 l/min.	28 l/min.	28 l/min.	10 l/min.	10 l/min.
Dimensions W x D x H	360 x 470 x 590 mm	360 x 470 x 590 mm	430 x 470 x 695 mm	530 x 580 x 750 mm	530 x 580 x 750 mm
Current	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH	230 V/50 Hz/1 PH
Weight	37 kg	51 kg	55 kg	72 kg	82 kg
Refrigerant	R290	R290	R134a	R134a	R134a

Technical data

Technical data	KÜHLMOBIL VDH2900	KÜHLMOBIL VDH3000	KÜHLMOBIL VDH5000	KÜHLMOBIL VDH7000
Model and part no. (air cooled version)	VDH2900A 1-100950	VDH3000A 1-100951	VDH5000A 1-100952	VDH7000A 1-100953
Model and part no. (water cooled version)	VDH2900W 2-100335	VDH3000W 2-100336	VDH5000W 2-100337	VDH7000W 2-100338
Temperature range	0-22° C	0-22° C	0-22° C	0-22° C
Cooling power @ 10°C	2000 watt	2200 watt	4300 watt	5200 watt
Pump capacity max. pressure	4.5 bar	4.5 bar	5.5 bar	5.5 bar
Pump capacity max. flow	40 l/min.	40 l/min.	66 l/min.	66 l/min.
Dimensions W x D x H	580 x 660 x 825 mm	590 x 620 x 1205 mm	680 x 730 x 1520 mm	air cooled version: 800 x 850 x 1665 mm water cooled version: 680 x 730 x 1520 mm
Current	230 V/50 Hz/1 PH	400 V/50 Hz/3 PH	400 V/50 Hz/3 PH	400 V/50 Hz/3 PH
Weight	105 kg	128 kg	192 kg	246 kg
Refrigerant	R134a	R134a	R134a	R134a

Technical data

Technical data	KÜHLMOBIL VDH10000	KÜHLMOBIL VDH18000	KÜHLMOBIL VDH35000	KÜHLMOBIL VDH40000
Model and part no. (air cooled version)	VDH10000A 1-100954	VDH18000A 1-100955	VDH35000A 1-100956	VDH40000A 1-100957
Model and part no. (water cooled version)	VDH10000W 2-100339	VDH18000W 2-100340	VDH35000W 2-100341	VDH40000W 2-100342
Temperature range	0-22° C	0-22° C	0-22° C	0-22° C
Cooling power @ 10°C	8300 watt	15200 watt	26000 watt	31000 watt
Pump capacity max. pressure	5.5 bar	5.6 bar	5.6 bar	5.6 bar
Pump capacity max. flow	66 l/min.	100 l/min.	100 l/min.	100 l/min.
Dimensions W x D x H	air cooled version: 800 x 850 x 1665 mm water cooled version: 680 x 730 x 1520 mm	air cooled version: 1400 x 1000 x 1800 mm water cooled version: 800 x 850 x 1665 mm	air cooled version: 1400 x 1000 x 1800 mm water cooled version: 800 x 850 x 1665 mm	air cooled version: 1400 x 1000 x 1800 mm water cooled version: 800 x 850 x 1665 mm

Technical data	KÜHLMOBIL VDH10000	KÜHLMOBIL VDH18000	KÜHLMOBIL VDH35000	KÜHLMOBIL VDH40000
Current	400 V/50 Hz/3 PH	400 V/50 Hz/3 PH	400 V/50 Hz/3 PH	400 V/50 Hz/3 PH
Weight	267 kg	337 kg	476 kg	476 kg
Refrigerant	R134a	R449A	R449A	R449A

Product request

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