



Eco-friendly cooling solution

Go Green: Minichiller® and Unichiller® with OLÉ Controller



Minichillers and Unichillers are the solution for environmentally-friendly and economical cooling in the laboratory and industry



Minichillers and Unichillers are reliable and efficient

Minichillers[®] and Unichillers[®]

Huber circulation chillers have modern features, are robust and service-friendly. Perfect to dissipate process heat and to cool laboratory equipment.

Huber circulation chillers are available as air and water-cooled versions and are suited for applications in laboratory and industry with cooling capacities of 0.3 to 50 kW. These chillers offer high efficiencies, stable pressure and flow rates and a constant cooling water temperature.

The use of circulation chillers reduces the water consumption for many applications, thus protecting the environment and reducing operating costs. Huber circulation chillers are therefore a resource-saving solution, with short ROI.

Circulating Chillers



Circulation coolers for working temperatures down to -20°C



Modern energy management reduces operating costs and consumption



Easy operation with large touch screen or OLED display



Reliably continuous operation at environmental temperatures up to $+40^{\circ}\text{C}$



Circulating

Functions and features in detail



Intelligent cooling

Minichillers and Unichillers are intelligent circulation chillers that are used as environmentally-friendly and economical cooling alternative to expensive fresh water to dissipate process heat. Low temperatures result in better efficiencies and higher recovery volumes in the condensation of processes.

In contrast to tap water cooling a desired setpoint temperature can be set. The chiller controls the cooling water temperature with high accuracy. Constant pressures and flow rates also permit better reproducibility.



Varied use

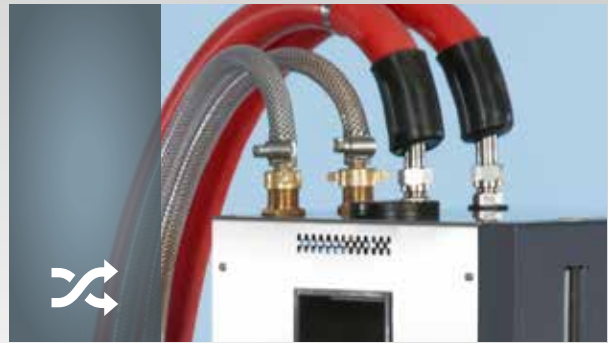
Huber circulation chillers offer a universal solution for different applications. Typical laboratory applications include reactor blocks, autoclaves, vapour barriers, vacuum pumps, rotary evaporators, heat exchangers and microscopes, analysis and measurement devices.

The Unichillers become powerful process thermostats for temperatures up to +100 °C when fitted with optional heating. Their modern control technology ensures high temperature stability and offers various functions to also meet higher demands.



Optional heating

All circulation chillers can be factory-fitted with an optional heating and an independent overtemperature protection. The maximum working temperature is then +100 °C. The design permits continuous operation at ambient temperatures up to +40 °C.



More pump pressure

Unichiller "P" models are suitable for applications with high pressure loss. These circulation chillers are equipped with a high-pressure circulation pump as standard. More powerful pumps are available at request for the larger Unichiller models.



Air- and water-cooled

Huber circulation chillers are available either with air or water-cooled refrigeration machine. Depending on the model, the cooling capacities range from 0,3 to 50 kW. The compact Minichillers have been a bestseller in the laboratory for many years. The large Unichillers are a proven solution to dissipate heat in a range of industrial processes.







Economical

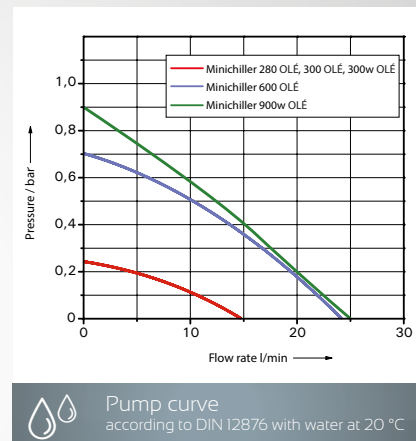
A sample calculation based on fresh water and drainage costs in Germany results in short ROI periods e.g. a Minichiller can save about 48,000 litres of water in a working week (5 days, 8 hours a day). Due to the low purchase price, the investment pays off just after a few months.

Minichillers®

▶ with OLÉ controller, air- and water-cooled models

Minichillers are a cost-effective and environmentally-friendly cooling solution for many laboratory applications and routine tasks in research and industry. Due to the low purchase price, the investment pays off after just a few months. The OLÉ controller combines modern technology and easy operation with practice-orientated features including USB, RS232 and OLED display.

-  **Down to -25 °C**
Working temperature
-  **Up to 0,9 kW**
Cooling power
-  **Up to 24 l/min**
Pump capacity
-  **OLÉ controller**
OLED display



Model	Working temperature range (°C)	Pump Data				Cooling power (kW) at (°C)				Dimensions WxDxH (mm)	Cat.No.	G
		max. pressure (l/min)	(bar)	max. suction (l/min)	(bar)	15	0	-10	-20			
Minichiller 280 OLÉ	-5...40	14	0,25	10,5	0,17	0,28	0,2	-	-	225 x 360 x 380	3006.0105.98	2
Minichiller 300 OLÉ	-20...40 (80)**	14	0,25	10,5	0,17	0,3	0,2	0,14	0,07	225 x 360 x 380	3006.0089.98	2
Minichiller 300w OLÉ	-20...40 (80)**	14	0,25	10,5	0,17	0,3	0,2	0,14	0,07	225 x 360 x 380	3006.0090.98	2
Minichiller 600 OLÉ	-20...40	24	0,7	18,0	0,4	0,6	0,5	0,35	0,15	280 x 490 x 424	3006.0098.98	2
Minichiller 600w OLÉ	-20...40	24	0,7	18,0	0,4	0,6	0,5	0,35	0,15	280 x 490 x 424	3006.0126.98	2
Minichiller 900w OLÉ	-25...40	24	0,9	-	-	0,9	0,7	0,4	0,2	280 x 490 x 414	3006.0121.98	2

** Permissible return temperature +80 °C

All models use natural refrigerant as standard

Options on request: heater

w = water-cooled

Unichillers®

► with OLE controller, air- and water-cooled models

Unichillers with OLE controller offer better efficiencies than cooling water as well as stable pressure and flow rates and a constant operating temperature. They are suitable for a wide range of applications such as removing heat from chemical processes or cooling scientific equipment.

➔ **Down to -20 °C**
Working temperature

➔ **Up to 2,5 kW**
Cooling power

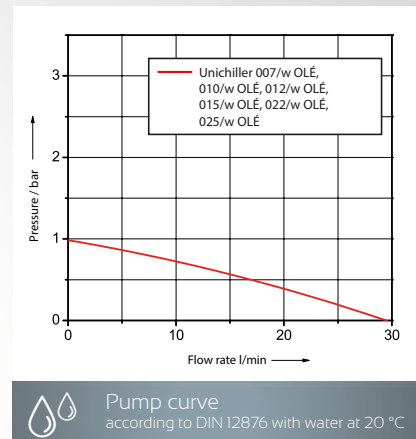
➔ **Up to 29 l/min**
Pump capacity

➔ **OLE controller**
OLED display

⊕ Unichiller 007 OLE



⊕ Unichiller 022w OLE



Model	Working temperature range (°C)	Pump max.		Cooling power (kW)			Dimensions W x D x H (mm)	Cat.No.	G
		max. pressure (l/min)	(bar)	15	0	-10			
Unichiller 007 OLE	-20...40	29	1,0	0,7	0,55	0,4	350x496x622	3012.0120.98	3
Unichiller 007w OLE*	-20...40	29	1,0	0,7	0,55	0,4	350x496x622	3012.0142.98	3
Unichiller 010 OLE	-20...40	29	1,0	1,0	0,8	0,5	350x496x622	3012.0124.98	3
Unichiller 010w OLE*	-20...40	29	1,0	1,0	0,8	0,5	350x496x622	3012.0129.98	3
Unichiller 012 OLE	-20...40	29	1,0	1,2	1,0	0,7	420x487x579	3009.0090.98	3
Unichiller 012w OLE	-20...40	29	1,0	1,2	1,0	0,7	350x496x622	3012.0133.98	3
Unichiller 015 OLE	-20...40	29	1,0	1,5	1,0	0,7	420x487x579	3009.0094.98	3
Unichiller 015w OLE	-20...40	29	1,0	1,5	1,0	0,7	350x496x622	3012.0137.98	3
Unichiller 022 OLE	-10...40	29	1,0	2,2	1,6	1,0	460x590x743	3010.0050.98	3
Unichiller 022w OLE	-10...40	29	1,0	2,2	1,6	1,0	420x487x579	3009.0098.98	3
Unichiller 025 OLE	-10...40	29	1,0	2,5	2,0	1,2	460x590x743	3010.0054.98	3
Unichiller 025w OLE	-10...40	29	1,0	2,5	2,0	1,2	420x487x579	3009.0102.98	3

* Models use natural refrigerant as standard Options on request: heating, natural refrigerant

w = water-cooled



Inspired by **temperature**
designed for you



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