

With
Pilot ONE®
and MPC®
Controller



COOLING

TO -90 °C

Minichiller®

Small, robust and cost effective with a stainless steel casing, the Minichiller is the smallest Unichiller in the world.

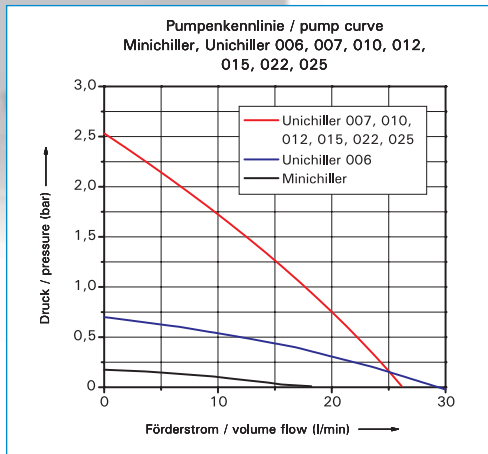
Minichillers are available with air or water-cooled refrigeration systems. They are fitted with an illuminated level indicator, overflow and drain on the front. The filling port is on the top of the unit.



| Minichiller® |



| Unichiller® 006-MPC® |



Model	Working Temp. Range (°C)	Pump max. (l/min) (bar)	Cooling Power (kW) at (°C)			Dimensions W x D x H (mm)	Mobile with trolley	Cat.No.	G	Price
			15	0	-10					
Minichiller®*	-20...40 (80)**	20 0,2	0,3	0,2	0,14	225 x 360 x 380	—	3006.0015.99	2	
Minichiller® w*	-20...40 (80)**	20 0,2	0,3	0,2	0,14	225 x 360 x 380	—	3006.0022.99	2	
Unichiller® 003-MPC®*	-5...40	20 0,2	0,28	0,2	—	255 x 450 x 400	—	3035.0001.99	2	
Unichiller® 006-MPC®*	-20...40	33 0,7	0,6	0,5	0,35	280 x 490 x 414	—	3007.0019.99	3	
Unichiller® 007-MPC®	-20...40	25 2,5	0,7	0,55	0,40	350 x 430 x 622	Height: 700	3012.0001.99	3	
Unichiller® 010-MPC®	-20...40	25 2,5	1,0	0,8	0,5	350 x 430 x 622	Height: 700	3012.0002.99	3	
Unichiller® 012-MPC®	-20...40	25 2,5	1,2	1,0	0,7	420 x 480 x 579	Height: 660	3009.0002.99	3	
Unichiller® 012w-MPC®	-20...40	25 2,5	1,2	1,0	0,7	350 x 430 x 622	Height: 700	3012.0003.99	3	
Unichiller® 015-MPC®	-20...40	25 2,5	1,5	1,0	0,7	420 x 480 x 579	Height: 660	3009.0001.99	3	
Unichiller® 015w-MPC®	-20...40	25 2,5	1,5	1,0	0,7	350 x 430 x 622	Height: 700	3012.0004.99	3	
Unichiller® 022-MPC®	-10...40	25 2,5	2,2	1,6	1,0	460 x 590 x 743	incl.	3010.0001.99	3	
Unichiller® 022w-MPC®	-10...40	25 2,5	2,2	1,6	1,0	420 x 480 x 579	Height: 660	3009.0003.99	3	
Unichiller® 025-MPC®	-10...40	25 2,5	2,5	2,0	1,2	460 x 590 x 743	incl.	3010.0002.99	3	
Unichiller® 025w-MPC®	-10...40	25 2,5	2,5	2,0	1,2	420 x 480 x 579	Height: 660	3009.0004.99	3	

Option: Heating for Minichiller® 1 kW, for Unichiller® models 2 kW (additional cost)
*Units use natural refrigerant as standard, for all other models available on request

EO Models (for externally open applications) from Unichiller® 007-MPC® on request
** Permissible temperature in return line +80°C



| Unichiller® 007-MPC®-H |



| Unichiller® 022-MPC® |



Minichiller®, Unichiller® with MPC® plus

Model	Working Temp. Range (°C)	Pump max. (l/min)	Pump max. (bar)	Cooling Power (kW) at (°C)			Dimensions WxDxH (mm)	Mobile with trolley	Cat.No.	G	Price
				15	0	-10					
Minichiller® plus*	-20...40 (80)**	20	0,2	0,3	0,2	0,14	225x360x380	–	3006.0039.99	2	
Minichiller® w plus*	-20...40 (80)**	20	0,2	0,3	0,2	0,14	225x360x380	–	3006.0040.99	2	
Unichiller® 003-MPC® plus*	-5...40	20	0,2	0,28	0,2	–	255x450x400	–	3035.0004.99	2	
Unichiller® 006-MPC® plus*	-20...40	33	0,7	0,6	0,5	0,35	280x490x414	–	3007.0023.99	3	
Unichiller® 007-MPC® plus	-20...40	25	2,5	0,7	0,55	0,40	350x430x622	Height: 700	3012.0062.99	3	
Unichiller® 010-MPC® plus	-20...40	25	2,5	1,0	0,8	0,5	350x430x622	Height: 700	3012.0063.99	3	
Unichiller® 012-MPC® plus	-20...40	25	2,5	1,2	1,0	0,7	420x480x579	Height: 660	3009.0042.99	3	
Unichiller® 012w-MPC® plus	-20...40	25	2,5	1,2	1,0	0,7	350x430x622	Height: 700	3012.0064.99	3	
Unichiller® 015-MPC® plus	-20...40	25	2,5	1,5	1,0	0,7	420x480x579	Height: 660	3009.0043.99	3	
Unichiller® 015w-MPC® plus	-20...40	25	2,5	1,5	1,0	0,7	350x430x622	Height: 700	3012.0065.99	3	
Unichiller® 022-MPC® plus	-10...40	25	2,5	2,2	1,6	1,0	460x590x743	incl.	3010.0024.99	3	
Unichiller® 022w-MPC® plus	-10...40	25	2,5	2,2	1,6	1,0	420x480x579	Height: 660	3009.0044.99	3	
Unichiller® 025-MPC® plus	-10...40	25	2,5	2,5	2,0	1,2	460x590x743	incl.	3010.0025.99	3	
Unichiller® 025w-MPC® plus	-10...40	25	2,5	2,5	2,0	1,2	420x480x579	Height: 660	3009.0045.99	3	

plus = with digital interface RS232 Option: Heating for Minichiller® 1 kW, for Unichiller® models 2 kW (additional costs) EO Models (for externally open applications) from Unichiller® 007-MPC® plus on request
 *Units use natural refrigerant as standard, for all other models available on request ** Permissible temperature in return line +80°C

Unichiller® with air cooled refrigeration

[kW] **to 40 kW**

air cooled models
from 1,7 to 40 kW

| Unichiller® 045T |



| Unichiller® 110T |



Model	Working Temp. Range (°C)	Pump max.		Cooling Power (kW) at (°C)				Dimensions WxDxH (mm)	(W/dm³) at		Cat.No.	G	Price
		Type	(l/min) (bar)	15	0	-10	-20		15°C	0°C			
Unichiller® 017T	-10...40	B	25 3,0	1,7	0,9	0,4	–	450x510x1230	6,0	3,2	3013.0001.01	3	
Unichiller® 020T	-20...40	B	25 3,0	2,0	2,0	1,5	0,8	450x510x1230	7,1	7,1	3013.0002.01	3	
Unichiller® 025T	-10...40	B	25 3,0	2,5	1,2	0,6	–	450x510x1230	8,8	4,2	3013.0003.01	3	
Unichiller® 040T	-10...40	B	26 3,0	4,0	2,5	1,5	–	500x552x1451	10,0	6,2	3014.0001.01	3	
Unichiller® 045T	-20...40	B	26 3,0	4,5	4,5	2,9	1,5	500x552x1451	11,2	11,2	3014.0002.01	3	
Unichiller® 055T	-10...40	C3	57 5,6	5,5	3,0	1,3	–	600x692x1610	9,0	4,9	3015.0001.01	3	
Unichiller® 060T	-20...40	C3	80 5,6	6,0	6,0	3,9	2,0	600x692x1610	9,8	9,8	3015.0002.01	3	
Unichiller® 080T	-10...40	C3	84 5,6	8,0	4,8	2,5	–	600x790x1614	10,5	6,3	3016.0001.01	3	
Unichiller® 100T	-20...40	C3	96 5,6	10,0	10,0	6,5	2,5	600x790x1614	13,1	13,1	3017.0001.01	4	
Unichiller® 110T	-10...40	C3	90 5,6	11,0	6,0	2,7	–	600x790x1614	14,4	7,8	3017.0002.01	4	
Unichiller® 130T*	-10...40	C3	90 5,6	13,0	7,0	4,5	–	905x1582x1837	5,7	3,1	3018.0012.01	4	
Unichiller® 150T*	-20...40	D3	220 4,7	15,0	15,0	9,7	3,7	905x1582x1837	6,5	6,5	3019.0020.01	4	
Unichiller® 160T*	-10...40	C3	96 5,6	16,0	8,8	4,0	–	905x1582x1837	7,0	3,8	3018.0013.01	4	
Unichiller® 200T*	-10...40	D3	220 4,7	20,0	11,0	5,0	–	905x1582x1837	8,7	4,8	3019.0026.01	4	
Unichiller® 210T*	-20...40	D3	220 4,7	21,0	21,0	13,6	5,2	904x2172x1870	5,7	5,7	3020.0001.01	4	
Unichiller® 250T*	-10...40	D3	220 4,7	25,0	14,0	6,2	–	904x2172x1870	6,8	3,8	3020.0002.01	5	
Unichiller® 260T*	-20...40	D3	220 4,7	26,0	26,0	13,6	5,2	904x2172x1870	7,1	7,1	3020.0003.01	5	
Unichiller® 300T*	-10...40	D3	220 4,7	30,0	16,5	7,5	–	904x2172x1870	8,2	4,5	3020.0004.01	5	
Unichiller® 400T*	-10...40	D3	220 4,7	40,0	22,0	10,0	–	904x2172x1870	10,9	6,0	3021.0001.01	5	

* without trolley

Option: Heating 2 kW to +100 °C (additional cost)

EO Models (for externally open applications) on request

Option: natural refrigerant available on request

Unichiller® with water cooled refrigeration

[kW]

water cooled models
from 1,7 to 50 kW



| Unichiller® 025Tw |



| Unichiller® 130Tw |

Model	Working Temp. Range (°C)	Pump max.		Cooling Power (kW) at (°C)				Dimensions WxDxH (mm)	(W/dm³) at		Cat.No.	G	Price	
		Type	(l/min)	(bar)	15	0	-10		-20	15°C				0°C
Unichiller® 017Tw	-10...40	B	25	3,0	1,7	0,9	0,4	-	400x440x1230	8,8	4,6	3024.0021.01	3	
Unichiller® 020Tw	-20...40	B	25	3,0	2,0	2,0	1,5	0,8	400x440x1230	10,3	10,3	3024.0025.01	3	
Unichiller® 025Tw	-10...40	B	25	3,0	2,5	1,2	0,6	-	400x440x1230	12,9	6,2	3024.0031.01	3	
Unichiller® 030Tw	-20...40	B	26	3,0	3,0	3,0	2,0	1,0	400x440x1230	15,5	15,5	3025.0022.01	3	
Unichiller® 040Tw	-10...40	B	26	3,0	4,0	2,5	1,5	-	400x440x1230	20,7	12,9	3025.0033.01	3	
Unichiller® 055Tw	-10...40	C3	57	5,6	5,5	4,0	2,0	-	500x552x1261	15,8	11,5	3026.0001.01	3	
Unichiller® 060Tw	-20...40	C3	80	5,6	6,0	6,0	3,8	2,1	500x552x1261	17,2	17,2	3026.0002.01	3	
Unichiller® 080Tw	-10...40	C3	84	5,6	8,0	4,65	2,35	-	500x552x1261	23,0	13,4	3026.0003.01	3	
Unichiller® 100Tw	-20...40	C3	96	5,6	10,0	10,0	6,3	3,0	600x600x1450	19,2	19,2	3027.0001.01	4	
Unichiller® 110Tw	-10...40	C3	90	5,6	11,0	5,8	2,55	-	600x600x1450	21,1	11,1	3027.0002.01	4	
Unichiller® 130Tw	-10...40	C3	96	5,6	13,0	7,0	4,5	-	600x600x1450	24,9	13,4	3027.0003.01	4	
Unichiller® 150Tw	-20...40	D3	200	4,7	15,0	15,0	10,0	5,0	760x800x1560	15,8	15,8	3028.0001.01	4	
Unichiller® 160Tw	-10...40	C3	90	5,6	16,0	9,5	5,5	-	600x600x1450	30,7	18,2	3027.0004.01	4	
Unichiller® 200Tw	-10...40	D3	200	4,7	20,0	10,7	4,7	-	760x800x1560	21,1	11,3	3028.0002.01	4	
Unichiller® 210Tw	-20...40	D3	200	4,7	21,0	21,0	15,5	9,5	760x800x1560	22,1	22,1	3028.0003.01	4	
Unichiller® 250Tw	-10...40	D3	200	4,7	25,0	14,0	6,2	-	760x800x1560	26,4	14,8	3028.0004.01	5	
Unichiller® 260Tw	-20...40	D3	210	4,7	26,0	26,0	20,0	12,0	760x800x1560	27,4	27,4	3028.0005.01	5	
Unichiller® 300Tw	-10...40	D3	210	4,7	30,0	16,0	7,1	-	760x900x1560	31,6	16,9	3029.0001.01	5	
Unichiller® 400Tw	-10...40	D3	210	4,7	40,0	21,0	10,0	-	760x900x1560	42,2	22,1	3029.0002.01	5	
Unichiller® 500Tw*	-10...40	D3	210	4,7	50,0	30,0	-	-	1000x1103x1580	37,8	19,7	3030.0001.01	5	

* without trolley

Option: Heating 2 kW to +100 °C (additional cost)

EO Models (for externally open applications) on request

Option: natural refrigerant available on request

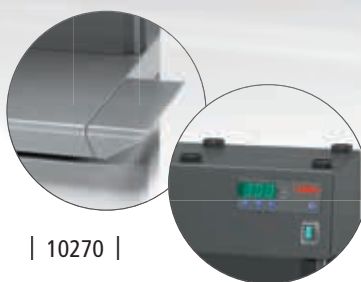
RotaCool®

This chiller is unique on the global market due to its space saving L-form. The additional space required on the laboratory table is zero! Abracadabra: the RotaCool virtually disappears completely when the

rotary evaporator is placed on it. the RotaCool is a product to provide a dedicated cooling service to all small bench top rotary evaporators.



Accessories	Cat. No.	G	Price
Additional extension plate (112 mm)	10270	1	
Vacuum pump mounting	10275	1	



| 10270 |

| 10275 |

Model	Working Temp. Range (°C)	Cooling Power (kW) at (°C)			Pump Data				Dimensions W x D x H (mm)	Cat.No.	G	Price
		15	0	-10	Pump max. (l/min)	max. Suction (l/min)	(bar)	(bar)				
RotaCool®	-10...40	0,42	0,35	0,22	14	0,25	10,5	0,17	470x580x420	3033.0007.99	3	

Natural refrigerant as standard

Flow-through Chillers

Flow-through Chillers are designed for simple, low demand cooling applications. They are commonly used in combination with the CC-202C or CC-205B series to remove heat in order to cool a process back to room temperature.



| DC®30 |

Model	Working Temp. Range (°C)	Cooling Power (kW) at			Dimensions W x D x H (mm)	Cat.No.	G	Price
		15°C	0°C	-20°C				
DC®30	-30...50	0,2	0,15	0,07	190x250x360	3000.0001.99	2	
DC®31	-30...50	0,4	0,35	0,10	250x310x400	3001.0001.99	2	
DC®32	-30...50	0,6	0,47	0,12	280x340x460	3002.0001.99	2	

All units use natural refrigerant as standard



Immersion Coolers

"Dip" or "Immersion" coolers are ideal for simple cooling applications when low temperatures are required such as vapour traps or for cooling individual flasks. They are also commonly used to remove heat from the baths in the "A" and "B" series. The units with an "E" have the capability to control the temperature to a stability of +/- 0,5 K to DIN 12876. All models can be delivered with a flexible evaporator coil (no extra cost). The model name and Cat.No. have the suffix "F". Flexible probes & custom probes available.



| TC®100E |

| TC®50 |

| TC®45-F |

Model	Working Temperature Range (°C)	Cooling Power (kW) at				Dimensions W x D x H (mm)	Cat.No. "Standard"	Cat.No. with flexible evaporator	G	Price
		0°C	-20°C	-30°C	-90°C					
TC®45	-45...100	0,24	0,18	0,1	–	190x295x360	3003.0001.99	3003.0003.99	2	
TC®45E	-45...100	0,24	0,18	0,1	–	190x295x360	3003.0002.99	3003.0004.99	2	
TC®50	-50...50	0,3	0,26	0,2	–	260x330x415	3004.0001.99	3004.0003.99	2	
TC®50E	-50...50	0,3	0,26	0,2	–	260x330x415	3004.0002.99	3004.0004.99	2	
TC®100	-100...40	0,16	0,15	0,14	0,07	295x500x570	3005.0043.99	3005.0045.99	2	
TC®100E	-100...40	0,16	0,15	0,14	0,07	295x500x570	3005.0044.99	3005.0046.99	2	

All units use natural refrigerant as standard