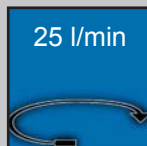
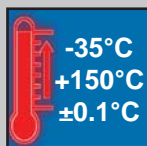


# Bath | circulation water bath

circulation water bath, 8 / 12 / 22 / 30 l, -35°C - +150°C ±0.1°C, 25 l/min, flat lid included



## WCL -35°C - +150°C, digital

### Ideal for:

- connection with evaporator

### Features:

- stainless steel bath, polyurethane insulation of 40 mm thickness and body made of powder-coated steel
- innovated refrigeration system ensures temperature performance, includes intelligent control for preventing compressor overload, CFC-free (R-404A)
- innovated powerful circulation pump ensures temperature uniformity: internal and external circulation and 5 steps circulation speed
- stainless steel flat lid & valve ball included, dome lid optional
- RS232C interface: remote monitoring and controlling with PC
- proper liquid level tag in bath
- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- overheat and over-current protection
- sensor error detection and leakage breaker
- low liquid level warning and automatic stop function
- locking mode

### Controller:

- digital fuzzy controller with **Jog-Dial-switch** (turn + push) & capacitive **touch button**



Stainless steel flat lid (included)



Connection for external circulation Ø12.5mm

Model	WCL-8	WCL-12	WCL-22	WCL-30
Capacity	8 l	12 l	22 l	30 l
Temperature range & accuracy	-35°C - +150°C, ±0.1°C			
Temperature resolution	0.1°C-display, 0.1°C-control			
Temperature uniformity & probe	±0.2°C at -20°C, PT100			
Heating Power	1.0 kW	1.5 kW	2 kW	2.2 kW
External circulation nozzle	inner Ø10 mm, outer Ø12 mm, for inner circulating: connect directly the in-/outlet nozzles			
Pump	max. flow rate: 25l/min, max. pressure: 7.5 psi, max. lift: 4 m			
Refrigerator	370 W	370 W	650 W	750 W
Cooling capacity at +20°C	500 W	530 W	860 W	1030 W
Cooling capacity at 0°C	340 W	370 W	620 W	760 W
Cooling capacity at -20°C	200 W	210 W	400 W	500 W
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end			
Effective space	175 x 153 x 150 mm	230 x 181 x 150 mm	290 x 220 x 200 mm	330 x 290 x 200 mm
Internal dimensions (W x D x H, mm)	175 x 320 x 150 mm	230 x 350 x 150 mm	290 x 390 x 200 mm	330 x 460 x 200 mm
External dimensions (W x D x H, mm)	400 x 523 x 807 mm	400 x 523 x 807 mm	483 x 563 x 850 mm	494 x 633 x 906 mm
Packing size & gross weight	630 x 530 x 972 mm, 50 kg	630 x 530 x 972 mm, 55 kg	670 x 615 x 1022 mm, 65 kg	740 x 625 x 1072 mm, 78 kg
Power supply	1 Phase AC 120V, 60 HZ or AC 230V, 50/60 Hz			
Order number 230V	DH.WCL00408	DH.WCL00412	DH.WCL00422	DH.WCL00430
Order number 120V	DH.WCL00508	DH.WCL00512	DH.WCL00522	DH.WCL00530