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TECHNOLOGY GROUP

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Find the *Thermo / HAAKE DC10* at our website: *Click HERE*

The HAAKE C/DC circulators are inexpensive units with a high power capacity. These circulators are small, slimline units which can be used for a wide range of standard applications. A powerful pump and a heating capacity of up to 2000 watts enable the safe temperature control of applications up to 200°C. Digital displays with user-preset temperatures are available for simple operation.

There are five different models:

HAAKE C10: Analog unit up to 100°C, 1.5 kW heating capacity

HAAKE DC10: Inexpensive digital unit up to 100°C, 2 kW heating capacity

HAAKE DC30: Digital unit with RS232C up to 200°C, 2 kW heating capacity

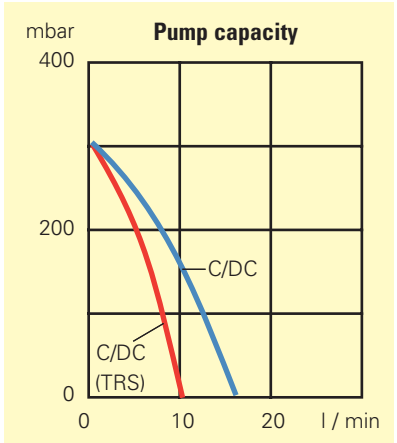
HAAKE DL30: Same as DC30, however with 200 mm immersion depth

HAAKE DC50: Same as DC30, however with connection for Pt100 sensor and external control

Highlights

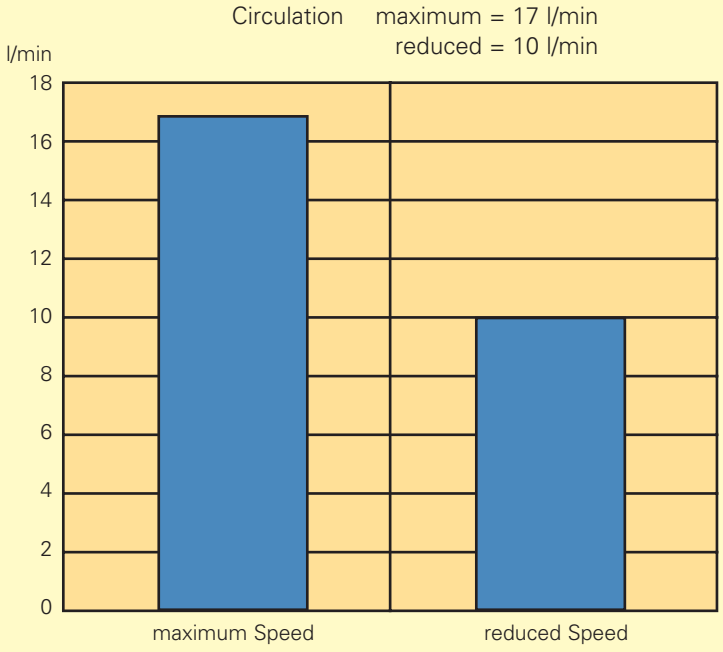
- Powerful pumps with Turbulence Reduction System (TRS)
- Simple operation due to separate display panels for menu selection and temperature (except for C10)
- Microprocessor with PID control (except for C10)
- Resolution of the digital display for the set and actual temperature optionally 0.1 or 0.01°C
- Real Temperature Adjustment (RTA)
- Saving of 3 user-defined fixed temperatures with their respective RTA values
- The reason for a unit fault is shown on the display via the Fault Identification System (FIS)
- RS232C interface (except for C10, DC10), optional RS485 interface with the DC50
- External Temperature Control (ETC) for external systems (for DC50 only)
- Connection for an external Pt100 sensor (for DC50 only)





TRS (Turbulence Reduction System)

2-level-switching to avoid turbulence in open baths or to enable careful filling of external systems.



The HAAKE C/DC immersion circulators are used for the temperature control of baths up to 50 liters. They can be attached to bath walls with a thickness of up to 25 mm using a bracket clamp. A pivotal nozzle ensures even mixing and a good temperature distribution within the entire bath. The minimum depth of the bath must be 150 or 200 mm. The TRS feature can be used to avoid turbulence in the open bath.

Comes with
Screw clamp for bath wall thickness up to 25 mm and **pivotal.**
C10: plus **checking thermometer** 0 to 100°C, division 0.5°C

Optional accessories	Order-No.
Tap water cooling coil (C10, DC10, DC30 und DC50)	**333-0590**
Tap water cooling coil (DL30)	**333-0593**
Software ThermStar95plus	(s. P. 32)
Bath liquids	(s. P. 30-31)

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Technical specifications acc. to DIN 12876		C10	DC10	DC30	DC50	DL30
Working temperature with tap water cooling with other cooling	°C °C °C	25..100 20..100 -30..100	25..100 20..100 -30..100	25..200 20..200 -50..200	25..200 20..200 -50..200	25..200 20..200 -50..200
Temperature accuracy	+/-K	0.04	0.02	0.01	0.01	0.01
Heater capacity 230V / 115V	kW	1.5/1.0	2.0/1.2	2.0/1.2	2.0/1.2	2.0/1.2
Pump: Pressure / Flow rate max.	mbar/l/min	300/17	300/17	300/17	300/17	300/17
Immersion depth from..to	mm	75..145	75..145	85..145	85..145	85..190
Overall dimensions: WxLxH	cm	9.5x15x32	10x16.5x32	10x16.5x32	10x16.5x32	10x16.5x37
Net weight	kg	3	3	3.2	3.2	3.6
Total wattage 230V / 115V	VA	1550/1050	2050/1250	2050/1250	2050/1250	2050/1550
Order-No. for 230V / 50..60Hz for 115V / 60Hz		425-1001 425-1002	426-1001 426-1002	426-3001 426-3002	426-5001 426-5002	427-3001 427-3002
ExtraPlus-Rating (see page 35)		+	+ +	+ + +	+ + + +	+ + +

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