

Haake DC Specifications

Immersion circulators are used for temperature control in open baths. They can be fixed to the wall of any bath (with a wall thickness of up to 25mm) using the standard clamping bracket included with the circulator. The powerful pump and swivel-mounted pump nozzle ensure optimum liquid circulation, and therefore, temperature uniformity throughout the bath.

- **Stainless steel shaft housing**, for functional element protection.
- **Stainless steel and high grade polymer parts** designed for immersion in baths.
- Safety classes **1W and 2**.
- **Menu driven** operation for all DC models.
- **Limitable temperature range** for DC3 and DC5.
- Haake **RTA System** (Real Temperature Adjustment) for all DC models.
- Haake **FIS System** (Fault Identification System) for DC3 and DC5.
- **RS232C** interface with DC5.

| Technical Specs. acc. to DIN 58966 | C1 | DC2 | DC3 | DC5 |
|---|--|--|--|--|
| Working temperature range in °C | 25..100 | 25..100 | 25..150 | 25..200 |
| Operating temperature ranges in °C | | | | |
| • with tap water cooling | <ul style="list-style-type: none"> • 20..100 • - 10..100 | <ul style="list-style-type: none"> • 20..100 • - 30..100 | <ul style="list-style-type: none"> • 20..150 • - 30..150 | <ul style="list-style-type: none"> • 20..200 • - 50..200 |
| • with other cooling method | | | | |
| Temperature accuracy (+/- K) | 0.05 | 0.02 | 0.01 | 0.01 |
| Heater capacity (230/115 V) in W | 1000/1000 | 1000/1000 | 1500/1200 | 2000/1200 |
| Circulation Capacity in L per | 17 | 17 | 17 | 17 |

minute

| | | | | |
|------------------------------------|-----------|-----------|-----------|-----------|
| Control type | ON/OFF | ON/OFF | PID | PID |
| Safety Class (DIN 12879) | 1W | 1W | 2 | 2 |
| Immersion depth (from .. to) in mm | 85..140 | 85..140 | 95..140 | 95..140 |
| Ambient temperature range in °C | 10..40 | 10..40 | 10..40 | 10..40 |
| Total wattage 230 V/ 115 V in VA | 1050/1050 | 1050/1050 | 1550/1250 | 2050/1250 |