



NEW

DUC-10

Low-Temperature Cooling Circulator Series

Features

- User-friendly LCD touch control for quick setup and operation.
- Automatic circulation and temperature control on startup.
- Front liquid level window for easy monitoring.
- High-performance pump with water purification function.
- PID temperature control, accuracy up to $\pm 0.1^{\circ}\text{C}$.
- Proportional refrigeration for energy-efficient operation.
- Low-noise compressor and fan, ideal for labs.
- Stable circulation, reliable long-term performance.
- Fast heat dissipation and excellent insulation efficiency.
- Multi-layer protection: overheat, overload, water pressure, temperature.
- Eco-friendly refrigerant.

| Specifications | DUC-10* |
|--------------------------------|---------------------------|
| Working temperature range | 5-35 °C |
| Temperature stability | $\pm 0.1^{\circ}\text{C}$ |
| Temperature display | 3.5-inch LCD touch screen |
| Display resolution | 0.1 °C |
| Temperature control method | Intelligent PID |
| Temperature sensor | PT 100 |
| Cooling capacity @20°C | 1000 W |
| Refrigerant | R404a |
| Max pump pressure | 1.3 bar |
| Pump flow rate | 2-20 L/min (Adjustable) |
| Reservoir volume | 7 L |
| Installation type | Floor standing |
| Continuous operation | 100 % |
| Ambient temperature | 5-40 °C |
| Relative humidity | $\leq 80\%$ |
| External tubing inner diameter | 10 mm |
| Dimensions (W×D×H) | 310×650×530 mm |
| Power supply | 220V/50Hz |
| Power consumption | 650 W Max. |
| Current | 3.5 A Max. |

Note: “*” indicates product coming soon