

TT-170 Water temperature

control unit

Compact temperature control system

Water up to 90°C

Heating capacity 3 kW

Cooling capacity 30 kW @ 90°C

Cooling system indirect

Applications: moulds up to 50 kg, rollers up to 80 mm Ø, length 300 mm



Functions

- Self-optimizing temperature controller with temperature display 1/10°C – steps
- Display in °C or °F and I/min or gal/min
- Automatic temperature control
- Automatic water filling

Construction

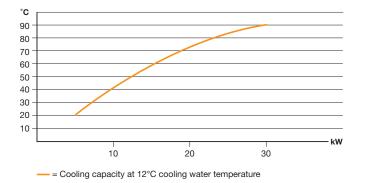
- Submersible sealless pump made from bronze
- Limescale free heat exchanger
- · Corrosion resistant device for a long service life
- · All parts in contact with water are made of stainless steel or bronze
- Unit on castors

Safety features

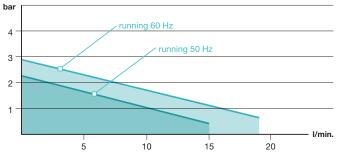
- Level control for dry run protection
- Electronic temperature limitation and monitoring in the controller
- Mechanical safety thermostat
- Visual and acoustic fault indications
- Integrated circuit breakers
- · Main switch, transformer and motor protection switch



Cooling Capacity



Pump Capacity



---- = In practice achievable values permanent bypass considered

Technical data

| Product attribute | Unit | ТТ-170 |
|---|------|--|
| Temperature range | °C | Up to 90°C with water |
| Temperature control | | Self-optimizing, electronic microprocessor controller MP-888 with digital display of the set and actual value. Automatic temperature monitoring. |
| Heating capacity | kW | 3 kW |
| Cooling capacity | °C | 30 kW at 90°C - see diagram |
| Pump capacity Motor Pressure mode | kW | 0,27 kW Max. 2,2 bar / max. 15,2 l/min. at 50 Hz - see diagram Max. 2,9 bar / max. 19,1 l/min. at 60 Hz - see diagram |
| Filling amount | | Min. 3,5 litres, max. 5 litres |
| Connections Medium Cooling water | | %" BSP female thread |
| Inlet | | With water filter %" BSP female thread |
| Outlet | | %" BSP female thread |
| Dimensions (L×W×H) | mm | 640×200×490 mm, incl. castors |
| Weight | kg | Approx. 36 kg empty |
| Colour | | Silvergrey RAL 7001 |