technotrans

power to transform

Low energy costs due to efficient technology

Temperature control unit teco ci 95 base 60

base.line

State-of-the-art usability:

Functional design

Reliability:

"longlife" heating cartridge

Special features:

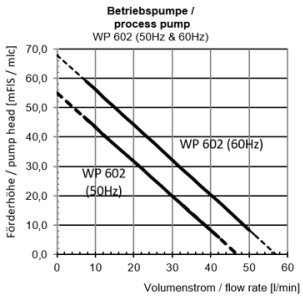
Robust peripheral pump

Direct heat transfer

Small footprint

State-of-the art-interface

Pump characteristic curve



The unit

Compact, universal and efficient temperature control unit for standard applications.

This high-quality standard model is characterised by its robustness, reliability, high degree of standardisation and ease of operation.

The particularly compact design enables a space-saving installation.
Bi-fequency version for several voltage ranges.

Essential technical data with temperature control module 3.3

Temperature [°C]:	95
Heating capacity [kW]*:	9
Cooling type:	indirect
Cooling capacity [kW]:	75
ΔT [K]:	75
Voltage [V]:	380-415 or 440-480
Mains frequency [Hz]:	50 or 60
Pump type:	peripheral pump
Max. flow rate [l/min]:	(47) 60
Pump motor [kW]:	(1,0) 1,1
Control cabinet IP rating:	IP 54
Dimensions (L/W/H) [mm]:	662 / 280 / 611
Circulating medium connection:	1/2"
Cooling medium connection:	1/2"

Essential USPs

- Easy one-touch operation and digital display
- "longlife" stainless steel heating cartridge
- Durable low-wear peripheral pump technology
- Unit with a stainless steel tank, system pressure-free
- Medium-wetted parts made of corrosion-resistant materials
- Cooling via a solenoid valve
- Good accessibility for maintenance work due to removable cover plates
- Interface port on the front of the unit
- Flexible positioning thanks to the compact design
- Acoustic and visual alarm signal

*depending on the voltage

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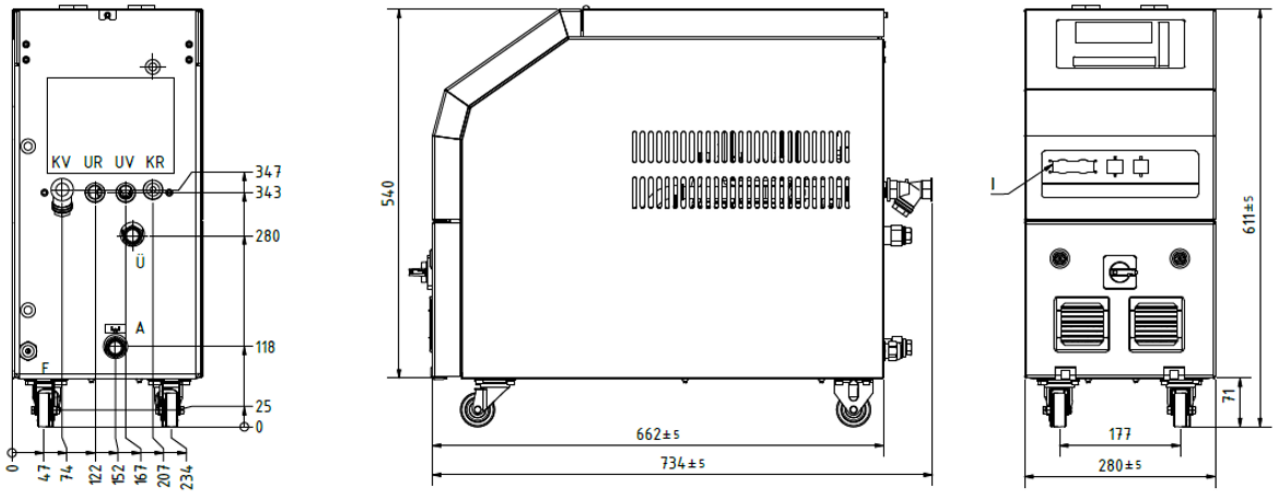

UV = circulation medium supply flow:	G1/2	KV = cooling medium feed line:	G1/2	A = drain:	G1/2	E = electrical connection
UR = circulation medium return flow:	G1/2	KR = cooling medium return line:	G1/2			I = interface connector

Standard equipment (extract)

- Compact basic model with indirect cooling
- Wear-free semiconductor relays for controlling the heater
- Electronic temperature measurement in the feed flow
- Robust peripheral pump technology
- Modern industrial design with an ergonomically placed one-touch control and digital display
- Medium-wetted components made of corrosion-resistant materials
- Dirt traps in the cooling medium feed line
- Sturdy castors
- Additional acoustic and visual alarm indicators in the front of the control cabinet
- IP54 control cabinet
- Colours:
  - Unit cover: RAL 7012
  - Side panels: RAL 260 40 45
  - Unit front: RAL 7012

Optional equipment (extract)

- Electronic flow indicator (low maintenance)
- RAL colour instead of standard design
- Optional connection of an external PT 100 sensor
- Optional connection of an external FeCuNi sensor
- RS 485 or 20 mA serial interface current loop
- Analogue interface
- PROFINET interface
- PROFIBUS interface
- OPC UA interface
- Shut-off valves in the circulation circuit and cooling medium circuit
- Dirt trap in the circulation medium return flow

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