

Heating and cooling unit

TT-13'502 E

Two-circuit Temperature Control Unit and Water Chiller

Combi-Unit with 2 x 6 kW heating capacity and 14 kW cooling capacity

Equipped with 2 independent circuits:

1 circuit for temperatures from 10°C until 90°C

1 circuit for temperatures from 10°C until 40°C



Operating principle

The unit has two independent water circuits with two sealless pumps and two stainless steel water tank of each 25 litres content. The 2 x 6 kW heating capacity is coupled with a 8 kW cooling capacity. For the cooling a chilled water connection is not required.

- All components are made of corrosion resistant stainless steel or bronze.
- 2 self-optimizing microprocessor controller with digital display of the set and actual value. Indication in 1/10°C range. Temperature display can be set to readout °C or °F.
- Automatic or manual refill.
- Automatic level control with pre-warning at low water level.
- Audible alarm to signal failure.
- All failures are in addition visually shown.
- Castors

Technical Data

Temperature Control

Two microprocessor controller MP-888 with digital display of the set and actual value.

Installed in the controller: 0-10 V or 4-20 mA command

Circuits

2 independent circuits:

1 circuit for temperatures from 10°C until 90°C

1 circuit for temperatures from 10°C until 40°C

Pump capacity

2 x max. 4,5 bar / max. 75 l/min

Heating capacity

2 x 6 kW

Cooling capacity

8 kW for both circuits

installed cooling compressor, air cooled

air inlet located at the front, blow out located on the side / rear of the unit

Content water tank

2 x 25 litres

Power consumption

approx. 15 kW

Connections

TO-/FROM mould

3/4" BS female thread (by both circuits)

Automatic water refill

3/8" BS female thread

Dimensions

Length: 980 mm x Width: 660 mm x Height: 1'300 mm including castors

Noise level (in 3 m distance)

68 dBA

Weight

220 kg empty

Colour

Silver grey RAL 7001

TOOL-TEMP AG

Industriestrasse 30

CH-8583 Sulgen

Schweiz - Suisse - Switzerland

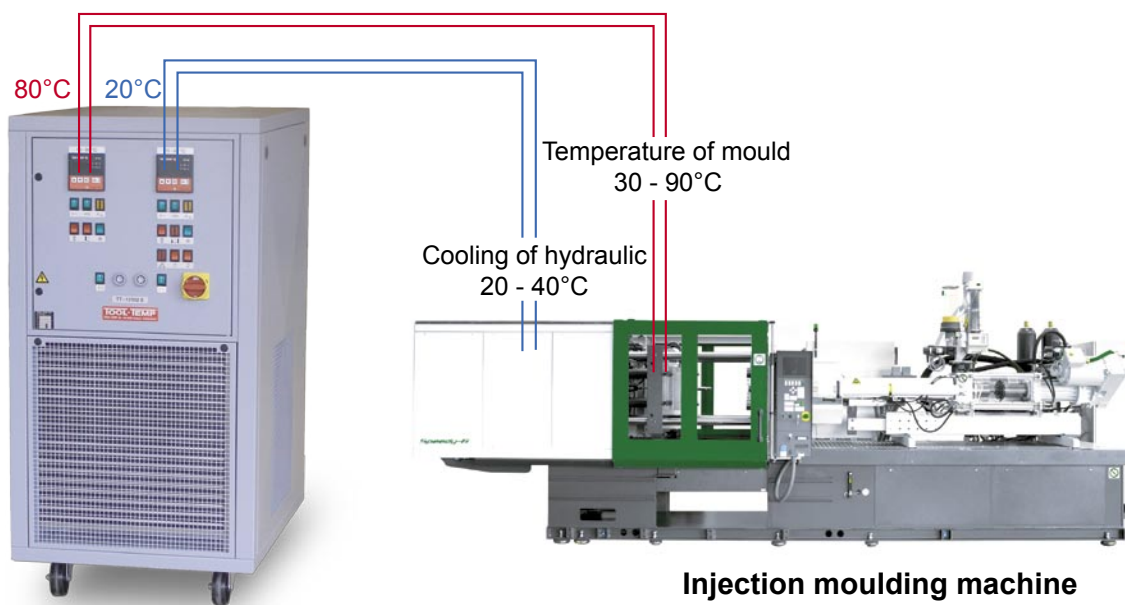
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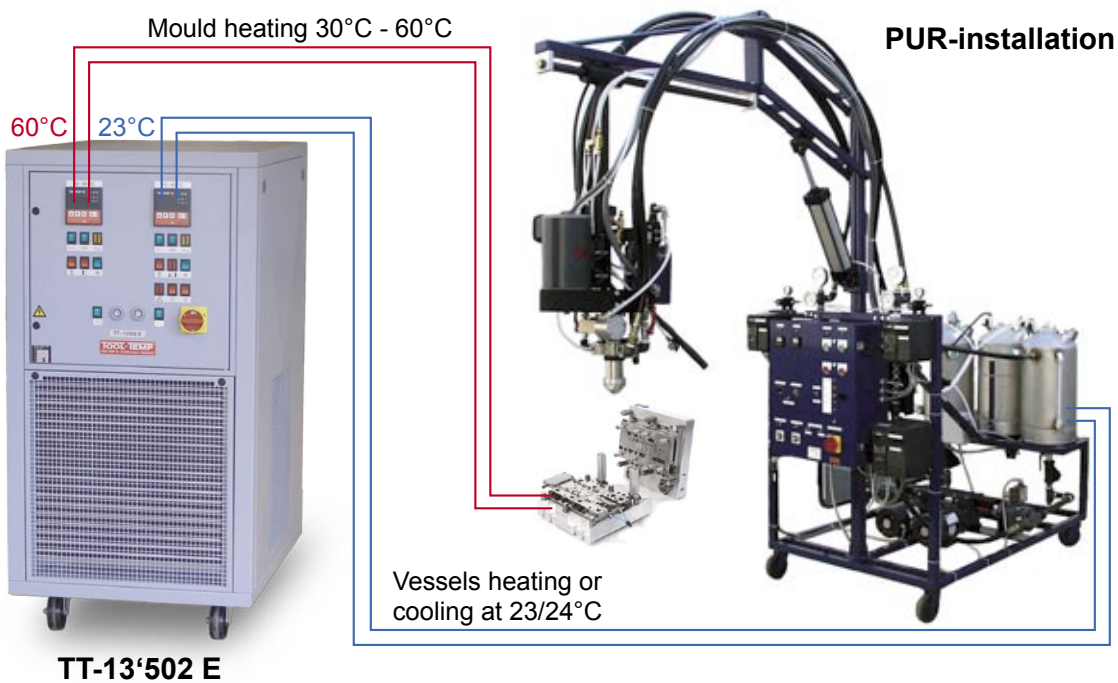
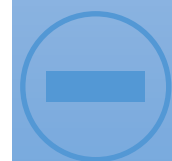
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Operating examples



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