

# Heating and cooling unit

# TT-13'502 E

Two-circuit temperature control unit and water chiller

Combination unit with 2 x 6 kW heating capacity and 8 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 seal less pumps and two stainless steel water tanks of each approx. 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.

- Two self-optimizing temperature controllers with digital display of the set and actual temperature. With high precision regulation in 1/10° range; can be adjusted to read °C or °F.
- All components in contact with water are made of corrosion resistant stainless steel or bronze.
- Automatic or manual refill.
- Automatic level control with prewarning at low water level.
- Horn in case of failure.
- All failures are visually indicated.
- Unit on castors.

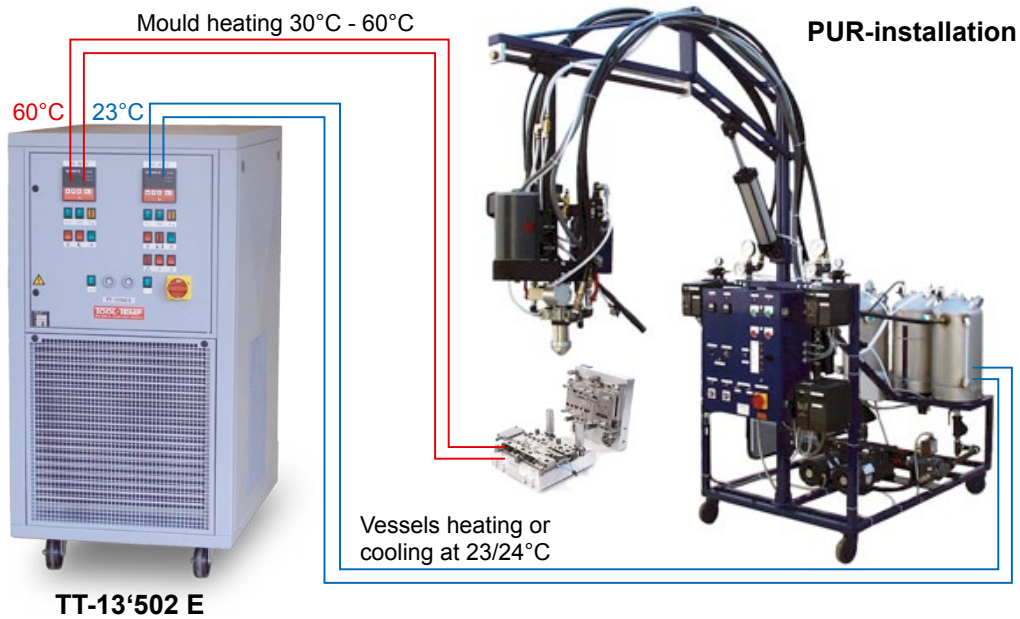
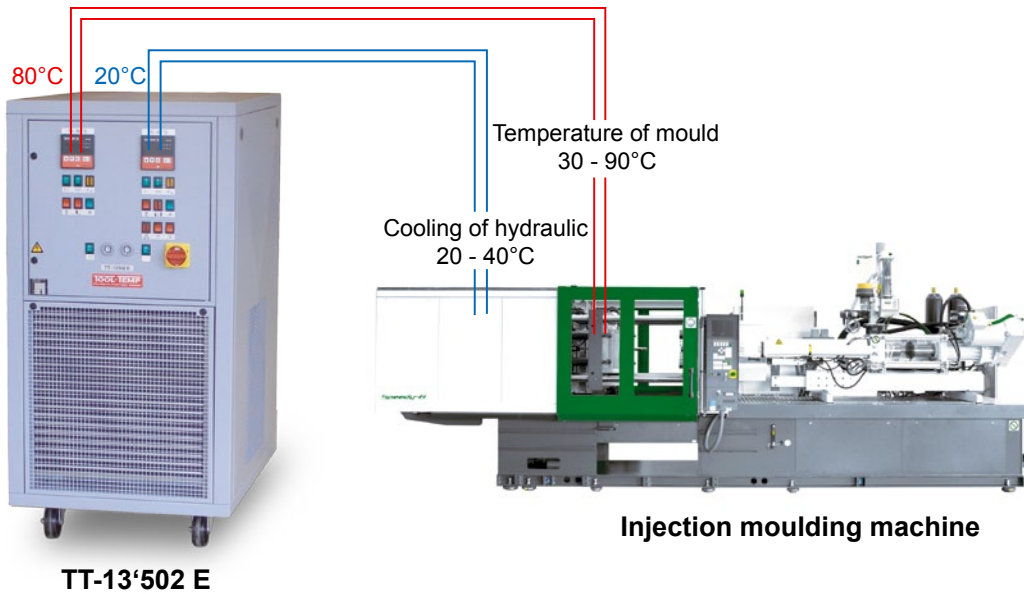


## Technical data

<b>Temperature Control</b>	two self-optimizing, electronic microprocessor controllers MP-888 with digital display of the set and actual value. Automatic temperature monitoring.
<b>Circuits</b>	2 independent circuits: 1 circuit for temperatures from +10°C until +90°C 1 circuit for temperatures from +10°C until +40°C
<b>Cooling capacity</b>	<b>8 kW for both circuits</b> installed cooling compressor, air cooled air inlet located at the front, blow out located on the side / rear of the unit
<b>Heating capacity</b>	<b>2 x 6 kW</b>
<b>Content water tank</b>	approx. 2 x 25 litres
<b>Pump capacity</b>	2 x max. 4,5 bar / max. 75 l/min
<b>Power consumption</b>	<b>approx. 15 kW</b>
<b>Connections</b>	<i>to/from mould</i> 3/4" BSP female thread (at both circuits) <i>automatic water refill</i> 3/8" BS female thread
<b>Dimensions (LxWxH)</b>	950 x 660 x 1'300 mm, incl. castors
<b>Noise level (in 3 m distance)</b>	68 dBA
<b>Weight</b>	220 kg empty
<b>Colour</b>	silver grey RAL 7001

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## Operating examples



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