

## TEMP 150

Boe-Therm TEMP 150 is a high quality industrial oil temperature control up to 150 °C.

TEMP 150 is available with heat capacities from 3 up to 9 kW as standard.

TEMP 150 is built with a submerged pump into the oil reservoir and is designed without a mechanical shaft seal which ensures that pump leakage never occurs.

Furthermore, TEMP 150 can be supplied with additional features and communication protocols for external machines.



### Standard features:

- Easy operation with digital display.
- Automatic restart.
- Temperature monitoring with alarm function.
- Electronic oil level censoring.
- High isolation against loss of heat.
- Up to 150 °C.
- Up to 66 l/min.
- Low noise.
- Pressureless operation.

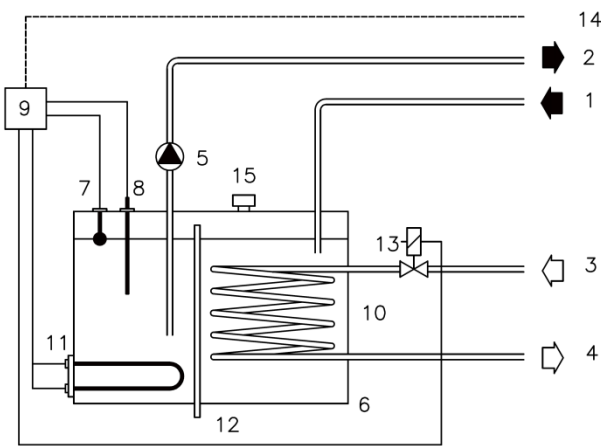
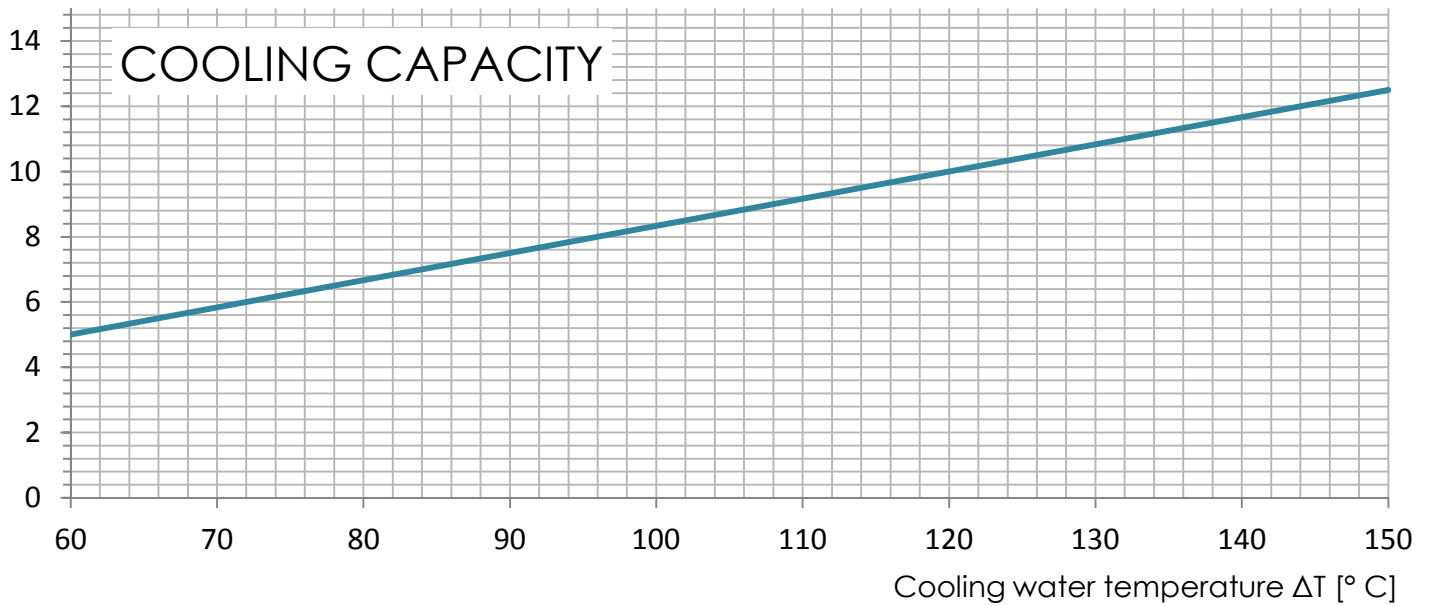
### Additional features:

- External temperature sensor.
- Communication with external machines.

### Technical Specifications:

Temperature:	30 - 150 °C			
Heating capacity:	3 kW – 6 kW – 9 kW			
Heat transfer medium:	Oil			
Pump performance:		Max.	Max.	Nom.
		l/min	bar	l/min
				bar
	P3	66	3,4	40
	P4	66	4,4	40
				2,4
				3,3
Cooling capacity at $\Delta T = 120$ °C	Indirect cooling = 10 kW			
Hose connection:	1/2" 3/8"			
Voltage:	3x400 V / 50 Hz, 3x230 V / 50 Hz 3x460 V / 60 Hz, 3x230 V / 60 Hz Other voltages on request.			
Dimensions:	L/W/H: 600/265/650 mm incl. wheel			
Tank volume:	3 kW: 14 liter internal & max. 22 liter ext. process vol. 6-9 kW: 19 liter internal & max. 17 liter ext. process vol.			

Cooling capacity [kW]



- |                          |                             |
|--------------------------|-----------------------------|
| 1. From process          | 9. Processor                |
| 2. To process            | 10. Heat exchanger          |
| 3. Inlet, cooling water  | 11. Heating element         |
| 4. Outlet, cooling water | 12. Overflow                |
| 5. Pump                  | 13. Solenoid valve, cooling |
| 6. Tank                  | 14. External sensor         |
| 7. Level sensor          | 15. Filling                 |
| 8. Temperature sensor    |                             |
| 9. Processor             |                             |

**Other standard products from Boe-Therm:**

**MULTI-TEMP**

10-95 °C  
10-120 °C  
4,5-36 kW  
Water



**TEMP 160 MAGNETIC**

10-160 °C  
4,5-18 kW  
Water



**TEMP 300**

30-300 °C  
9-36 kW  
Oil



**TEMP 350**

30-350 °C  
9-36 kW  
Oil



**Boe-Therm customized solutions:**

Boe-Therm also engineers to order (ETO) according our customer's specific needs. Do not hesitate to contact us in order to discuss your special requirements.

We also offer special solutions with:

- Frequency driven pumps.
- Higher flow and heating capacities then our standard product program.

**Boe-Therm chillers:**

Boe-Therm also supplies high quality chiller equipment:

- Standard solutions up to 50 kW cooling capacity.
- Customer specific solutions up to 2.000 kW cooling capacity.