

BOE-THERM also produces:



Temperature controllers with oil:

The Temp range works with oil as the circulating medium in the temperature range from 30 to 350 ° C. The Temp range is available with heating capacities from 3 to 36 kW as standard.

Chillers mobile and central:

BOE-THERM's mobile chillers are compact energy saving and environmentally friendly for 100% re-circulation of the process water. The chiller works in the temperature range from -15 ° C to +30° C or from 0° C to + 30° C and is available in 6 sizes with a cooling capacity from 3 till 32 kW.

Our central chiller is available in 6 sizes with a cooling capacity from 50 till 150 kW.

Conveyor belts:

BOE-THERM offers conveyor belts with a large number of solutions for conveying tasks. The range comprises numerous solutions to meet the customers' demands.

Trans Straight conveyor - is available in lengths from 1 to 5 m. A spring-loaded telescopic base is fitted to all models.

Trans-Flex -conveyor with a horizontal and an inclined section - is available in lengths of 1.5 to 5.0 m. Standard horizontal lengths of 0.5 or 1.0 m The inclined section is adjustable in angles of 15° - 30° - 45°.

Trans-Z -conveyor has a low horizontal, an inclined and an upper horizontal section - is available in lengths of 2 to 5 m. and horizontal lengths of 0.5 or 1.0 m.

All Conveyor belts has a useful width that is 70 mm smaller than the bandwidth.

www.boe-therm.com



BOE - THERM
A THERMAL CARE COMPANY

WE HAVE WORKED WELL UNDER PRESSURE FOR YOU
AND HERE IT IS:

MULTI-TEMP GREENLINE

ADVANTAGES OF MULTI-TEMP

- Energy saving of the pump up to 58%
- Electronic switches
- Large cooling effect
- No overflow is possible
- No calcification (at direct cooling) and at indirect cooling we use a pipe heat exchanger, which has little calcification compared to a plate heat exchanger
- Multiple interface combinations

MULTI-TEMP



MULTI-TEMP

MULTI-TEMP is a classic example of a co-operation between customers, sub suppliers, technicians, salesmen, purchasing and production lines.

The world is changeable. What you need today is not necessarily the need next year or in 5 till 10 years. This is the philosophy behind the MULTI-TEMP: A temperature controller with multiple possibilities.

Multi Temp is a modular temperature controller, which can be changed, upgraded and adapted to the current needs – when needed.

Specifications

Circulations medium	Water
Temperature area	10 - 120 °C
Pump capacity	Up till 115 L/min at 2 Bar
Pump pressure	From 2.8 till 5.8 Bar
Heating capacity	From 4.5 kW till 18 kW
Cooling capacity	Directly up to 175 kW (Delta-t at 60° C. @ 2 Bar) Indirectly up to 33 kW (Delta-t at 60° C. @ 2 Bar)

Multi-Temp is changeable to more than 200 different temperature controllers, it has multiple possibilities and we are constantly working on the machine leading to even more possibilities in the future.

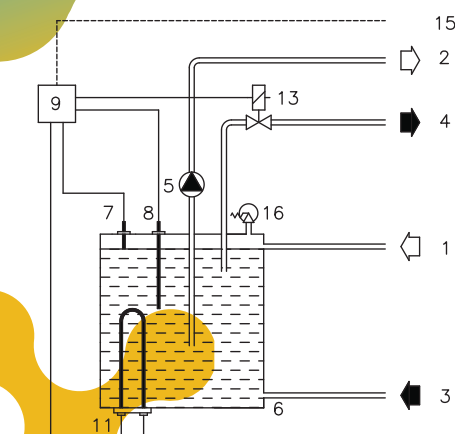
In a close co-operation with the company Grundfos we have succeeded in reducing the energy consumption up to 58%. Therefore we call this line "Green Line".

We have managed to make a product which reduces your energy costs and increases the performance of Multi Temp compared to our earlier temperature controllers.

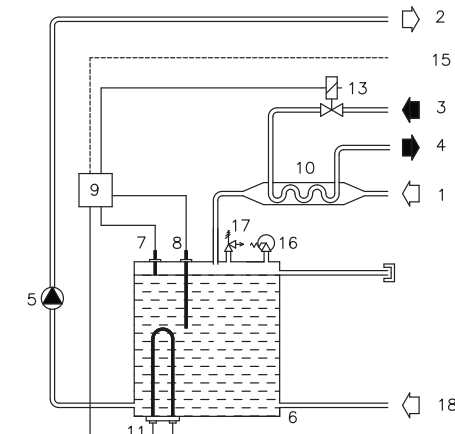
The new Multiple Temp is available with a controller for 2 temperature areas: 10- 95° C and 10-120° C.

The result speaks for itself.

A modular series with less energy consumption than any other temperature controller seen before.



- 1. From process
- 2. To process
- 3. Cooling water in
- 4. Cooling water out
- 5. Pump
- 6. Tank
- 7. Level sensor
- 8. Temperature sensor
- 9. Process controller
- 10. Disp
- 11. Heating element
- 12. Disp
- 13. Magnet valve, water filling/cooling
- 14. Disp
- 15. Connection – external sensor (option)
- 16. Safety valve



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- 14. Disp
- 15. Connection – external sensor (option)
- 16. Safety valve
- 17. Ventilation valve
- 18. Filling

BOE-THERM and Customed design

With a broad spectrum of customers, all with their own type of production, it is important to meet them where they are. We optimize our customer's results by understanding their challenges and by providing innovative quality solutions based on our long-time experience and technical capabilities combined with a strong customer focus.

Lack of space close to the production machines is often the most compelling problem. We take an active part together with the customer to solve the problem and to find the optimum solution.

Above mentioned design is developed to be used at a production machine in the graphic industry. It is based on the customer's request

to be able to "push" a drawer with two temperature controllers under the production machine.

The quality of the cooling water is another challenge. When the cooling water is in contiguity with the different precious metals corrosion of the tools or a growth of bacteria causing scum might occur. This can lead to a reduction of the flow and in worst case that the temperature controller does not work.

We have constructed solutions to

avoid these problems and to safeguard the continuance of the customer's production in an optimum pace.

However, it all begins with our production of temperature controllers. Different products need different kinds of temperature controller solutions heating and cooling at the right places.

Therefore, we happily take part in designing your solutions or in optimizing your processes.

