WILO Yonos Para

Pumped Manifold (PVST) [1/4]

Weather-guided control station for surface heating for systems with existing main pump



e990313 © VARIOTHERM HEIZSYSTEME GMBH | GÜNSELSDORFERSTRASSE 3A | 2544 LEOBERSDORF | AUSTRIA | T: +43 (0) 22 56 - 648 70-0 | www.variotherm.at



Pumped Manifold (PVST) [3/4]

Weather-guided control station for surface heating for systems with existing main pump





The boiler flow temperature **1** must be at least 10 K higher than the set flow temperature of the surface heating .



Electrical connection:



Control lamps:



Self-diagnosis is performed when starting for the first time. The red LED flashes for about 5 seconds and goes out. After about 5 minutes the controller begins to adjust the flow temperature to the heating curve. If the red LED is continuously illuminated an alarm is present. In this case the wiring must be checked. An alarm occurs if the flow temperature in the surface heating circuits exceeds 55 °C. The controller returns to normal operation when the flow temperature cools to below 52 °C.

Attachment:

COOLI

EATING.



e990313 © VARIOTHERM HEIZSYSTEME GMBH | GÜNSELSDORFERSTRASSE 3A | 2544 LEOBERSDORF | AUSTRIA | T: +43 (0) 22 56 - 648 70-0 | www.variotherm.at

OMFORT

COOLIN

EATING.

Pumped Manifold (PVST) [4/4]

Weather-guided control station for surface heating for systems with existing main pump

Dry heating:



During the heating-up process the outdoor sensor is disconnected (terminal strip B, 3-4). The controller works as a fixed value regulator from 25 °C (knob turned fully counterclockwise to -) to 45 °C (knob turned fully clockwise to +). The temperature is adjusted manually every day.

Fault	Troubleshooting
• Surface heating circuit temperature too low	 Main pump must be available and running Switch main pump to a higher setting level Increase flow in the boiler circuit (regulating valve) Check if the flow/return in the boiler circuit has been reversed Flush the surface heating circuit Fully open the flushing ball valve Switch on the controller WHR36, orange LED (power on) + green LED (pump on) should glow, check the heating curve setting Adjust the surface heating circuit flow
• Surface heating circuit temperature too high	 Actuator adapter is not screwed all the way to the end stop Check the heating curve setting

▲ Safety information

- The electrical and hydraulic connection and service work on the device may only be provided by authorised specialist personnel.
- The devices are designed for use in dry, closed rooms.
- The electrical installation standards and regulations specified by the local energy supply companies should be observed, together with the locally applicable regulations and standards for heating installations.
- Faults in the connection can cause damage to the device! We bear no liability for damage caused by incorrect connection and/or inappropriate handling of the device.
- If the system components are installed or commissioned incorrectly, all claims on the basis of the manufacturer's warranty and guarantee become void.