

AVANSA 110-E

1. 230V

2. Pump control

3. Temperature sensor

4. ON/OFF

5. Plus button

6. MENU button

7. Minus button

8. Power

9. Pump indicator



Use The AVANSA 110-E thermostat is designed to control the heating pump. The thermostat's task is to switch on the pump when the temperature exceeds the set value and to switch it off if this occurs, thus preventing unnecessary pump operation (savings of up to 60% depending on boiler usage) and extending the pump's lifespan. This increases reliability and reduces maintenance costs. The thermostat is equipped with an anti-stop function, which protects - turns on the pump for 15 seconds every 15 days and a freeze protection function - turns on the pump if the temperature drops to 5 ° C.

Operation - Press the MENU button, the letter will appear on the display - Use the plus and minus buttons to set the desired temperature - After a few seconds, the thermostat will switch to operating mode and display the current boiler temperature.

Manual mode By pressing the Menu and Plus buttons simultaneously, you can check whether the pump is working. By pressing the buttons again, turn off the pump.

Hysteresis This is the difference between the temperature at which the pump is turned on and the temperature at which the pump is turned off. The AVANSA 110-E thermostat has a fixed hysteresis of 2 ° C. For example, when the temperature is set to 50 ° C, the pump turns on at 50 ° C and turns off when the temperature drops to 48 ° C.

Alarm The thermostat is equipped with an acoustic alarm that indicates high boiler temperature (90 ° C).

Installation The device may only be installed by a qualified person. Mount the temperature sensor at the boiler outlet using a tension strap and ensure thermal insulation. The sensor must not be placed in liquids.

Supply voltage: 230V 50Hz $\pm 10\%$

Switching point: 6A

Temperature setting range: 5...80°C

Sensor length: 1.2 m

Ambient temperature: -10...+50°C

Temperature measurement range: 0...90°C

Maximum sensor temperature: -10...120°C