

HYDROS 200

Pump controller



DESCRIPTION OF A CONTROLLER

HYDROS 200 controller is designed for automatic switching on / off of the central heating circulation pump, domestic hot water heater charging pump or the circulation pump, depending on the temperature measured on the sensor.

THE CONTROLLER HAS THE FOLLOWING FEATURES:

- intuitive temperature setting by means of a knob
- control of the central heating circulation pump or operation of the domestic hot water heater charging pump or operation of the circulation pump
- switching the continuous operation of the central heating pump
- COMFORT SYSTEM function, which protects the pump against scaling
- function of protecting the system against freezing and overheating of the boiler
- damage indication of the temperature sensor

PLUS MODE

The PLUS mode allows the controller to control the domestic hot water heater charging pump operation or to control circulation pump operation. Switching on / off of the pump takes place in the opposite way – the pump works in situations where the temperature on a sensor is lower than the preset, and stops when the temperature increases to the preset level.

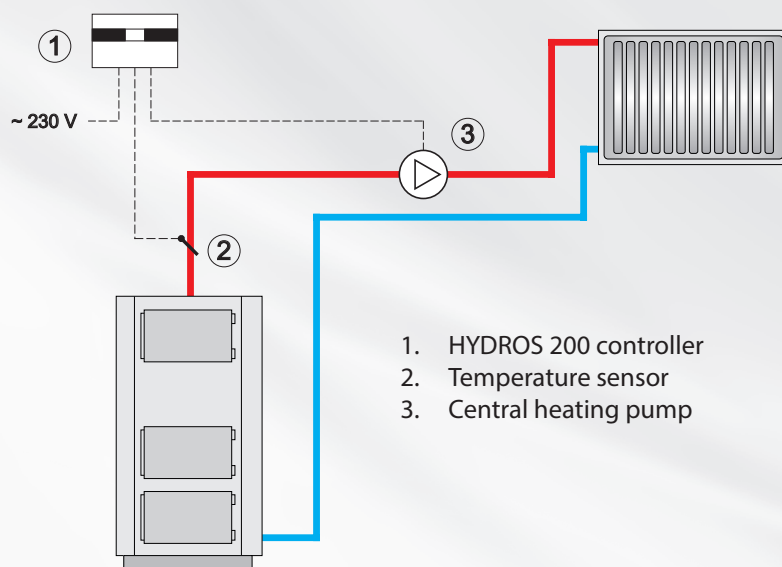


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TECHNICAL DATA	HYDROS 200
Range of measured temperature	from - 9 °C to + 99 °C
Range of temperature settings	from + 10 °C to + 90 °C
Hysteresis pump (on/off difference)	2 °C
Allowable outputs load	pump: 100 W / 230 V
Rated voltage	230 V, 50 Hz
Electric protection	1,25 A
Rated power load	275 W
Relative air humidity	< 95 %
Housing protection class	IP 40
Insulation class	II
Dimensions	145 x 90 x 45 mm
Ambient temperature	from 0 °C to + 40 °C

CONNECTION DIAGRAM OF THE CONTROLLER TO HEATING INSTALLATION



Example of the heating installation diagram with a HYDROS 200 controller without the cutting off and protecting devices. It does not replace a professional project at the assembly spot.