Heating circuit controller “Regtronic EH”

Weather guided controller with adjustable heating curve.

– 1 constant temperature heating circuit

– 1 heating circuit with mixing valves

– 1 heating circuit hot water preparation

Setting of individual weekly programmes for different operating modes, optional hot water priority function.

As an alternative to the constant temperature heating circuit, switching operations, such as return temperature increase, circulation pump or header pump can be freely configured via a multi-functional controller.

Item no.: 1152092

Application:

– Extension or replacement of existing boiler controls

– Modernisation of existing installations

– Realisation of individual heating system configurations

– Combination of different controllers via CAN bus

Function:

Depending on the outside temperature and an infinitely adjustable heating curve, the Oventrop heating circuit controller “Regtronic EH” serves the flow temperature control of the mixing circuit.
Mixing valves with rotary movement or stroke lift can be used.
Control of a storage cylinder loading pump for hot water temperature control in the domestic hot water storage cylinder (including legionella protection function). Fast programming of heating and setback periods via the rotary switch.
Individual functions, such as return temperature increase, circulation pump or header pump can be configured via a multifunctional controller which can be activated optionally.
Installation of further Oventrop components is recommended:

Extent of supply:

– Electronic controller “Regtronic EH”

– Terminal box for wall attachment

– 4 temperature sensors 5 kOhm NTC

– Mounting material

– Installation and operating instructions

“Regtronic EH”

Connection:

The controller works with a 230 V power supply.
Temperature detection via inputs for either 1 kOhm PTC or 5 kOhm NTC sensors. After connection of the required sensors, the corresponding hydronic diagram is detected and activated.
230 V outputs for the activation of the heating circuit pumps and the mixing valve and a volt free contact for burner control are available.

Inputs:

– Bus

– Remote control

– Telephone switch

– Boiler temperature

– Mixing circuit temperature

– Storage cylinder temperature

– Outside temperature

– Room temperature

Outputs:

230 V:

– Pump constant temperature heating circuit or multifunctional controller

– Pump mixing circuit

– Storage cylinder loading pump

– Mixing valve open/closed

Volt free:

– Burner

Switching capacity of the outputs: 250 V, 2A

Subject to technical modifications without notice.

Product range 6
ti 253-EN/10/MW
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