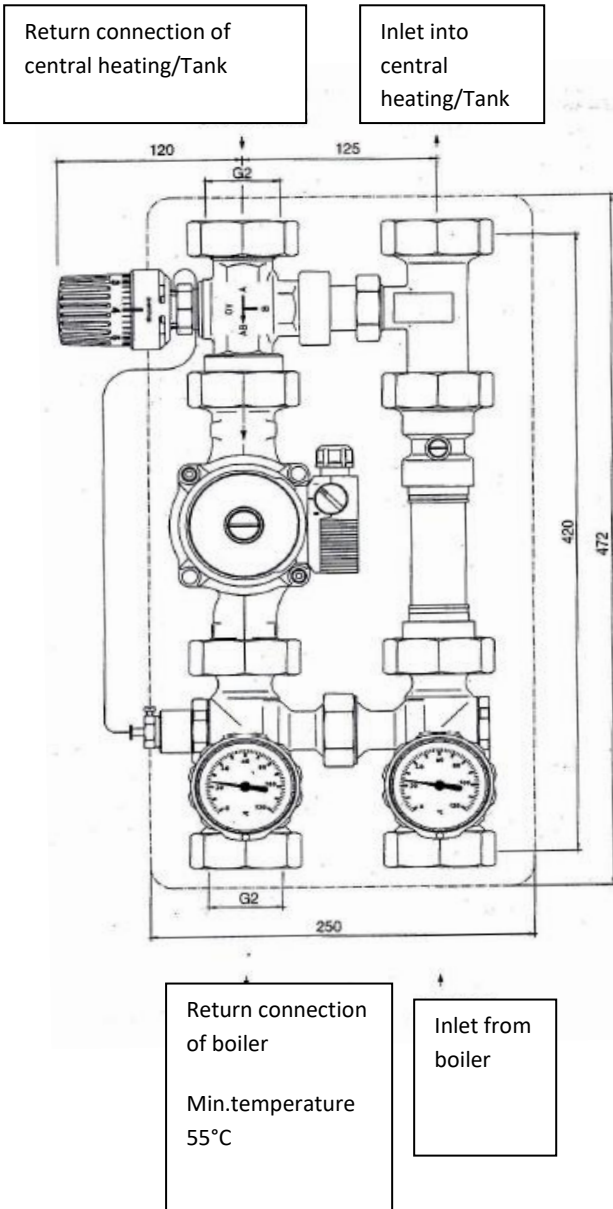


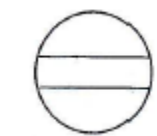
Oventrop

Warm-water regulation system ATTACK-Oventrop Rugumat RTA-180 DN 32 for solid fuel boilers

Installation manual



ATTACK-Oventrop Regumat RTA 180VR
 Inlet on the right side.
 Boiler is placed under Regumat



Connection set can be ordered separately

The Regumat System for connection to heating boilers is intended to increase temperature in the return connection by solid fuel boilers. Field of utilization: warm-water heating systems PN10, inlet temperature max. 120°C.

The Regumat System enables connection of heating system /tank with solid fuel boiler. If temperature in the return connection of the boiler is lower than 60°C, it causes higher creation of harmful condensate and tar by solid fuel boilers.

By recommended temperature regulator setting from 5,0 to 5,5 will temperature of the return connection reach cca.65°C.

By start-up operation runs boiler circuit in short circuit. Through by-pass is hot water supplied directly into return connection. When the temperature of 65°C at the return connection is achieved, the mixing valve of heating circuit (resp. of balancing circuit) is opened. By further operation it prevents temperature decrease under the value set on regulator of temperature.

It is necessary to remove screw cap of the mixing valve. Regulator of temperature has to be mounted on mixing valve (tighten the matrix properly, but carefully). Put sensor into immersion case and fix by screw. Winded capillary goes into isolation.

Regulation of temperature increase in return connection.

Thermostatic head is set to position 5,0-5,5. Heating system has to be in stable state (i.e. at least 1 hour by boiler operation).

Three-way mixing valve on regulator of temperature has to be adjusted enough to achieve temperature of 65°C. From one value to the next, change of adjustable temperature represents 5°C (range of adjustment is 30°C, manual ring of thermostatic head is marked as 1-7).

By operation of the heating system has to be groove of the self-force cap in horizontal position

Flow diagram of the Regumat RTA

