



HEAT TECHNOLOGY PRODUCER

REGUMAT PREFERENCES

- Compact, assembled system with the circulating pump
- High quality of material
- Excellent isolation from lightened polypropylene
- Simple installation
- Built-in sensor of the return heating water temperature
- Guarantee certain and long-standing boiler operation
- Prolonged operating life of boiler



**For connection of solid fuel boiler
to the heating system**

REGUMAT ATTACK - OVENTROP

System Regumat ATTACK-OVENTROP enables the connection of steel solid fuel boilers to the heating system, eventually to the Accumulation tank.

FUNCTION

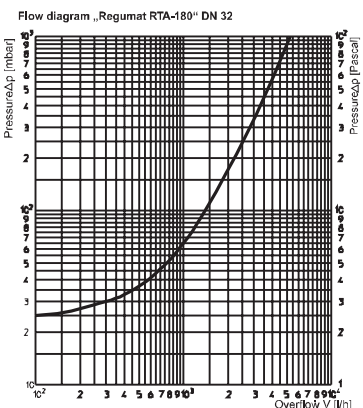
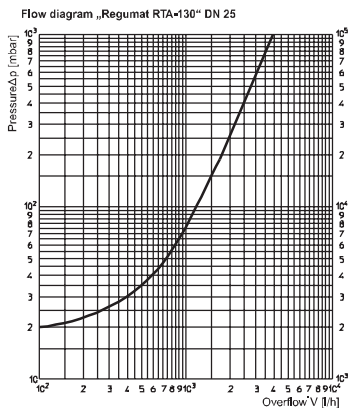
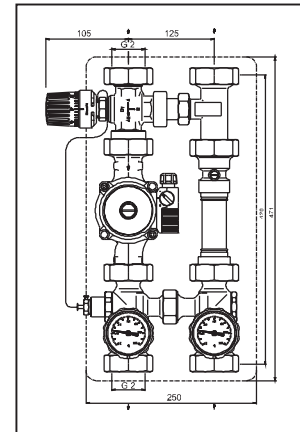
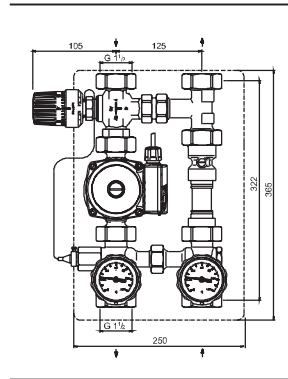
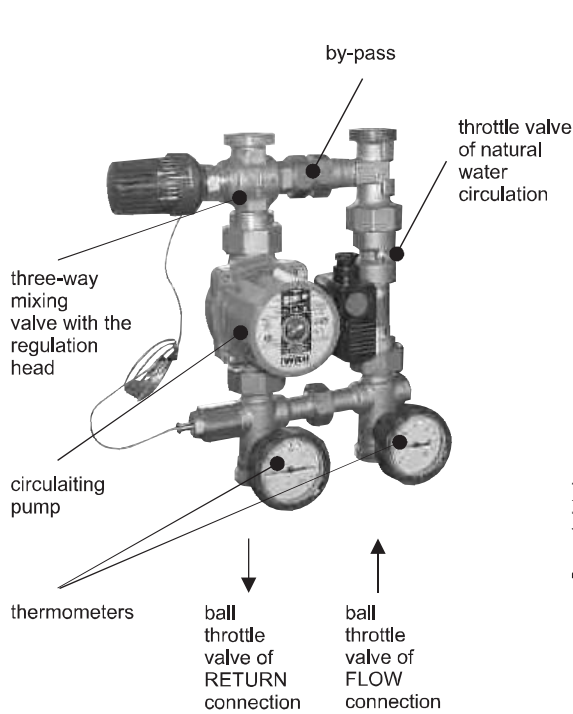
From reason to prevent increasing condensation of steam and production of acids and tars in the feed hopper of the steel solid fuel boiler, which would tend to shortening of boiler's operation life, it is necessary to keep constant temperature of return heating water coming into the boiler on 65 °C. When the boiler starts operation, hot water from the rising pipe is in the short circuit feeded through by-pass into return boiler water. After reaching adjusted return water temperature, the mixing valve starts to open the circuit into the heating system /accumulation tank/ and prevents to decreasing of return water temperature under the adjusted marginal /65°C/ temperature of water during the boiler operation.

SPECIFICATION

Connection system Regumat ATTACK-OVENTROP consists of isolating set, 2 ball-valves, which have in the holders inbuilt thermometers for displaying of actual return and rising water temperature, throttle of natural water circulation, circulating pump with 3-speed output regulation WILO RS 25/6 (RTA130), WILO RS 30/6 (RTA180), three way mixing valve with the regulation head, with underwater temperature sensor with the operating range 40°C - 70°C.

INSTALLATION

Connection system Regumat ATTACK-OVENTROP is delivered with G1 1/2" (RTA130), G2" (RTA180) external thread with sleeve nut for heating screw with flat gasket. The heating screw is not component part included in delivery. **System RTA130 is designed for boilers ATTACK DP 25,35 and ATTACK Pellet 20. System RTA180 is designed for boilers ATTACK DP 45,75.** The installation of temperature regulator needs elimination of screwed closing on the mixing valve. The temperature regulator is needed to bolt up on the mixing valve. (the sleeve nut hard to tie up, only by-hand). Sensor push into the underwater liner and fasten with the screw. Wound capillary place inside the isolation. Recommended adjusting of regulator is between 5 - 6 grade, what is responding with the return water temperature of 65°C. By operation and stabilization of heating system, it is needed to set three way mixing valve on the temperature regulator additionally, so that the temperature 65°C would be adjusted. From one to another number position on regulator, it corresponds with the temperature changing of 5 °C (adjustment range 30 °C responds to the symbols on the hand button of regulator 1-7). The actual temperature of return water is displayed on the blue thermometer. By operation of heating system the raffle of setting throttle of natural water circulation has to be in the horizontal position.



TECHNICAL PARAMETERS:

	RTA 130	RTA 180
Clarity	DN25	DN32
Max. pressure	10 bar	10bar
Max. temperature	120°C	120°C
Value kvs	3,9	5,3
Building height of isolation	365 mm	472 mm
Width of isolation	250 mm	250 mm
Axial distance	125 mm	125 mm

Ordering number:

DPP25003 Regumat RTA 130
ATTACK-OVENTROP
DPP25006 Regumat RTA 180
ATTACK-OVENTROP

Safety Attention:

All works executed on the system has to be done by authorized specialists for heating equipment /authorized companies/ (EN 5011, part 1 and VDE 1000 part 10 works on electrical equipment).