

GB

Regulus RT 3 draught regulator

is a chain-operated regulator of combustion air for usage with solid-fuel-fired heat sources

Technical Data:

Regulation range:	30-90°C
Max. water temperature:	120°C
Max. ambient temperature:	60°C
Max. load on the chain:	100-800 g
Working position:	horizontal, vertical

Regulator installation:

Screw the regulator with its 3/4" outer thread into the boiler socket with 3/4" inner thread. Seal the thread (e.g. with Siseal sealant, Teflon tape...). Turn the regulator so that for horizontal installation (a) the protrusion for bar placing pinpoints downwards, for vertical installation (b) it pinpoints to the front.

Remove the plastic transport tube and insert the hole-free end of the hexagonal lever in its place. Tighten the screw in order to fix the lever in such a position that its free end is above the chain lug or fixture on

the boiler door and the lever is as close to the horizontal position as possible (as much the hexagon allows).

Attach the chain to the lever opening by means of the bigger hook fixed to the chain. Pass the other chain end through the fixture on the boiler door and fix this free end on the hanging chain. Check if the chain is hanging freely and the lever moves freely (when turning the knob).

Regulator calibration:

Fire the boiler with door manually open. Set the regulator knob to 60. When the water temperature reaches 60°C, let it stabilize for a couple minutes and then adjust the chain fixture so that the door gap is about 1 mm. Now you can select the desired temperature. If the real boiler temperature was lower during stable operation than set, shorten the chain, if the real temperature was higher than set, prolong the chain. Please take into account also other factors that could influence the temperature inside the boiler disregarded of the regulator - esp. the quantity of fuel and ashes inside the boiler, position of the secondary-air flap, thermal lag of the boiler and of the whole heating plant.

