

Single room controller with return temperature limiter

benefits

- very compact visible plate (11.5 x 13.5 cm) made of high-gloss plastics
- elegant, compact control head
- exact alignment with mounting wall due to depth-adjustable mounting frame
- aesthetic design allows for user-friendly mounting at the level of the light switches

Application

For decentralised temperature control in individual rooms with underfloor heating systems or wall heating systems in combination with radiator installation. Ideal for scenarios without radiator installation and if no centralised distribution is desired. The RTL-Box 324 Vario combines heating circuit, room temperature sensor and control in a single unit. The purely mechanical function of the room controller requires no additional electrical power for actuators or similar equipment. Due to the compact dimensions and the aesthetic design, the RTL-Box fits perfectly at the level of light switch installations. This ensures optimum control characteristics and excellent user-friendliness.

Description

The single room controller RTL-Box 324 Vario consists of a high-grade, high-gloss cover plate made of sturdy plastic, an aesthetic thermostat control head and a mounting frame. The mounting frame adapts to the wall and levels a height of up to 25 mm. The optional extension kit extends the thermostat head by 20 mm if the maximum wall level height is exceeded. The wall installation box with shell protection comprises an adjustable valve assembly consisting of a control valve, a thermostat valve and a return temperature limiter for limiting the radiator return temperature to a temperature level suitable for the underfloor heating system. The valve opens when the values falls below the adjusted limit value. The pipes of the underfloor heating system are mounted in the wall installation box by means of standard compression fittings.

Technical Specifications

Temperature adjustment range
reference (room temperature): 8/28 °C
return temperature: 20/48 °C

Operating temperature range
Medium: max. 90 °C

system connections
connector with eurocone, can be fixed with spring clips

Pipe connection
Eurocone G¾

Nominal pressure
max. 6 bar

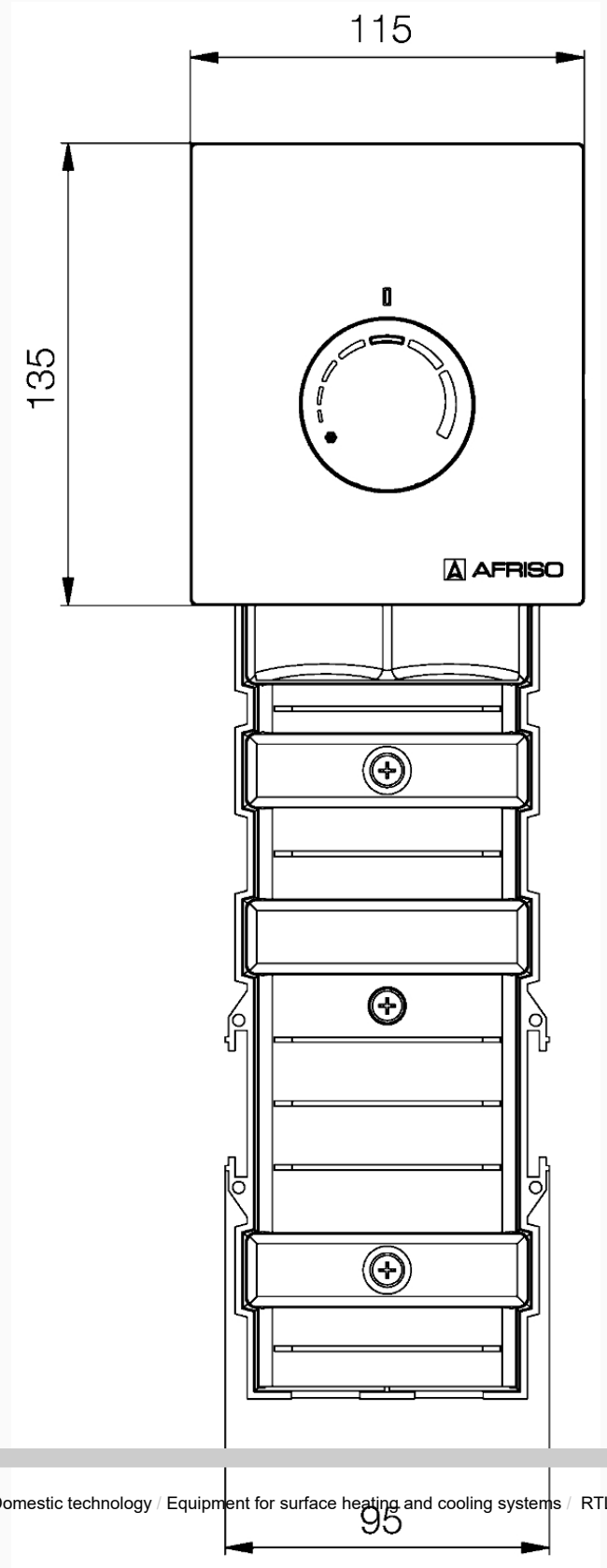
Installation depth
63/88 mm

Weight
1.25 kg

Housing
Plastic cover PC/ABS high-gloss white
Plastic wall installation box PP black

Technical Drawings

Cover with wall installation box



Dimensions (mm)

Versions

		Part no.
Single room controller RTL-Box 324 Vario	●	78330

● in-stock items

○ Non-stock items