

FR124 Combustion Regulator

FOR SOLID FUEL AND MULTI-FUEL BOILERS

PRODUCT DATA



Application

The FR124 Combustion Regulator opens and closes the air intake flap of solid fuel boilers in proportion to the flow temperature.

Features

- Design tested to DIN 3440 (Test No. FR 108701)
- Scale for horizontal and vertical installation.
- 120 mm lever rod fitted as standard
- Compact construction

Range of Application

For solid fuel and multi-fuel heating installations to DIN 4751

Specifications

Setting range	30–90°C (86–194°F)
Permissible sensor temperature	max. 115°C (239°F)
Connection size	G 3/4"
Chain length	1 m

Design

The FR124 Combustion Regulator consists of:

- Housing
- Adjuster knob
- Sensor pocket
- Lever rod
- Chain
- Wax thermostat
- Return spring

Materials

- High-quality synthetic material housing and adjuster knob
- Brass sensor pocket
- Galvanized steel lever rod
- Galvanized steel chain

Dimensions

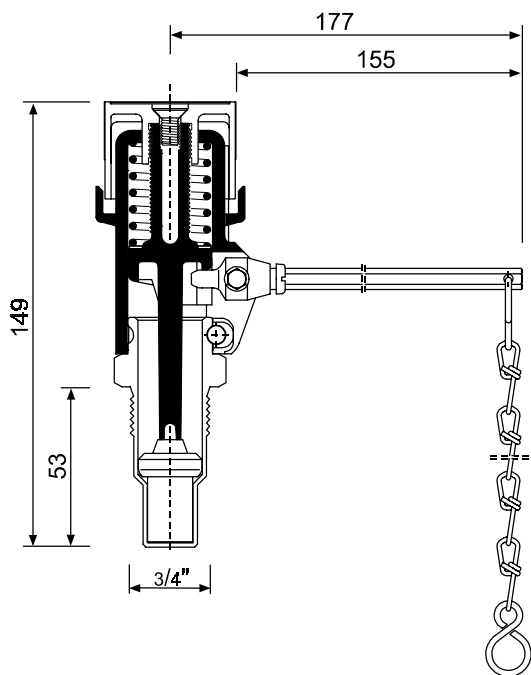
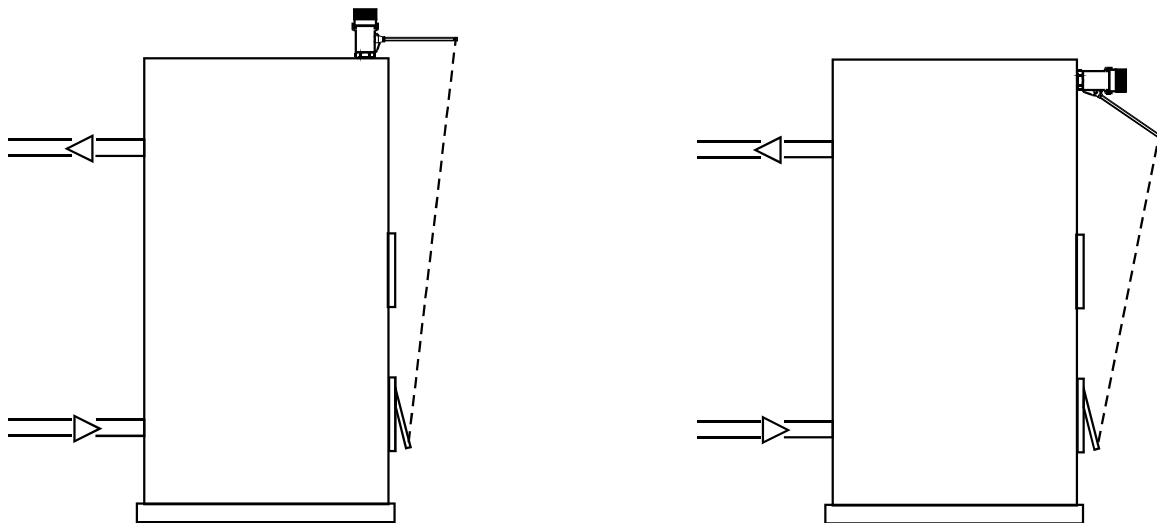


Fig. 1. Dimensions

NOTE: All dimensions in mm unless otherwise stated.

Installation Examples



Function

The Combustion Regulator controls combustion by adjusting the supply of air to a boiler. The intergral thermostat measures the temperature in the heat generator and in relationship to the temperature regulates a lever with chain linkage to control the air inlet to the solid fuel boiler by opening or closing the air flap.

Ordering Information

FR124 - 3/4A = Normal version

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