



## Combustion controllers FR 1



### Benefits

- For controlling the air supply in optimum combustion processes
- Switching button with temperature scale for excellent adjustability

### Application

For temperature-dependent adjustment of the air supply damper of solid fuel and dual-fuel boilers.

### Versions

	Part no.
Combustion controllers FR 1	42294

Blue part no. = in-stock items

### Description

The FR 1 combustion controller controls the combustion air supply. The temperature in the heat generator is detected by an integrated thermostat. The thermostat is connected to the air supply damper by means of a lever and a chain. The air supply is controlled by means of opening or closing the air supply damper, depending on the boiler flow temperature.

### Technical specifications

**Control range**  
30/90 °C

**Operating temperature range**  
Medium: Max. 115 °C  
Ambient: Max. 70 °C at switching button

**Connection**  
G $\frac{3}{4}$  male

**Dimensions**  
Immersion pipe length: 53 mm  
Chain length: 1.2 m

**Chain load**  
100 – 600 g

**Mounting position**  
Horizontal or vertical

**Material**  
Housing: Plastic  
Stem: Brass  
Lever: Steel, galvanised  
Chain: Steel, galvanised

### Detail views

