SOLID FUEL PRODUCTS

FLUE GAS THERMOSTAT
SERIES CTF150

ESBE series CTF150 flue gas thermostat is intended for on/off control of circulation pumps and load units.

OPERATION
ESBE series CTF150 is a flue gas thermostat, consisting of a temperature probe connected to a switch unit. The switch unit can be used to control the electricity supply to a circulation pump or load unit with an integrated circulation pump.

FUNCTION
The thermostat switch can easily be set to any target temperature between 20°C and 240°C by turning the setting knob. If needed, the temperature range can be limited by changing the position of pegs inside the housing of the switch unit.
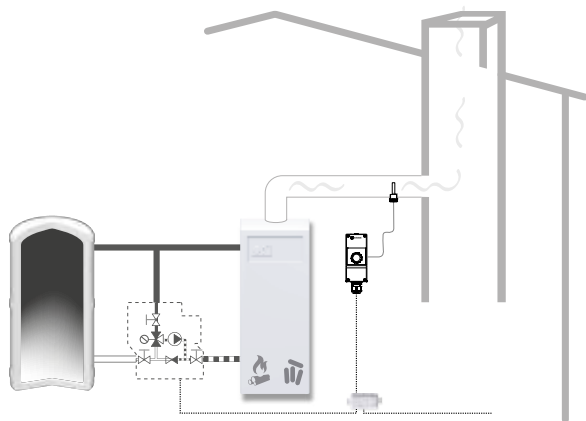
MOUNTING
The temperature probe can be mounted either directly on the outside of the flue gas pipe, or inside the pipe using the immersion pocket series CTF851. The switch unit is prepared for easy wall mounting. The temperature probe is connected to the switch unit by a 1500 mm line.

OPTIONAL EQUIPMENT
Immersion pocket CTF851 _____ Art. No. 56020200

INSTALLATION EXAMPLE

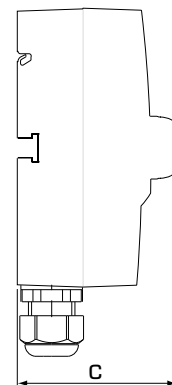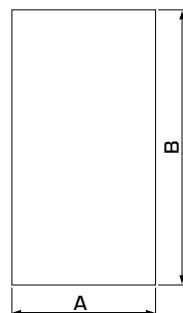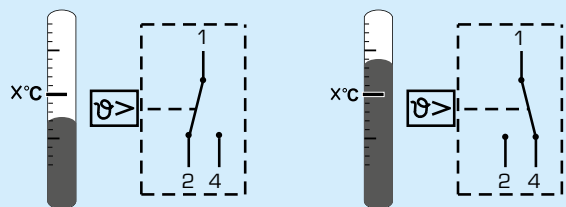## FLUE GAS THERMOSTAT CTF150 DESIGNED FOR

● Heating

TECHNICAL DATA
Ambient temperature - storage:_____ -30°C to +50°C
                    - use: _____ 0°C to +50°C
Enclosure rating:_____ IP54 (EN 60529)
Contact rating - N/C contact:_____ max. 16(2.5)A, 230 VAC
              - N/O contact:_____max. 6.3(2.5)A 230VAC
_____ min: 24V AC/DC, 100mA
Hysteresis: _____ 7% of the scale range
Temperature probe: _____ Ø6 mm x 96 mm
                   line: _____ Ø1.5 mm x 1500 mm
Immersion pocket: _____ Ø8 mm x 0.75 mm, length 100 mm
Weight: _____ 0.2 kg

Material
Case lid:_____ Plastic ABS
Housing: _____Plastic PA (inforced)
Temperature probe: _____Stainless steel (CrNi, 1.4301)
                   insulation: _____Plastic PVC hose
Immersion pocket: _____Stainless steel (CrNi, 1.4571)

$C\epsilon$ EN 14597
LVD 2014/35/EU
EMC 2014/30/EU

WIRING

SERIES CTF151

Art. No.	Reference	Switch temp. range	Max. temp. probe	Dimension			Note	Weight [kg]
				A	B	C		
56020100	CTF151	20–240°C	500°C	53	120	70		0.2

NO.1 IN HYDRONIC SYSTEM CONTROL