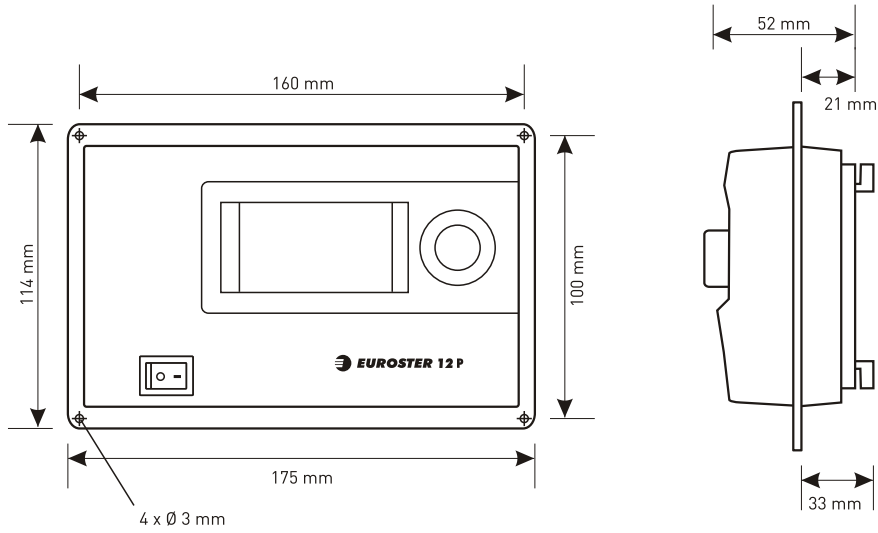# EUROSTER®

E12P

Controller designed for solid fuel-fired boilers with a feeding screw

- controls the operation of a feeding screw, blower, CH circulation pump, and DHW tank feeding pump
- ensures optimum operation of the boiler
- smoothly controls the blower rotating speed
- is provided with an hourly schedule for the operation of the boiler and DHW tank feeding pump
- activated DHW priority function
- enables connection of a room thermostat
- overheating protections for the boiler, feeder, and tank
- protects the tank against cooling down
- Anti-Stop system – protection of pumps against seizure
- operation test of any connected devices
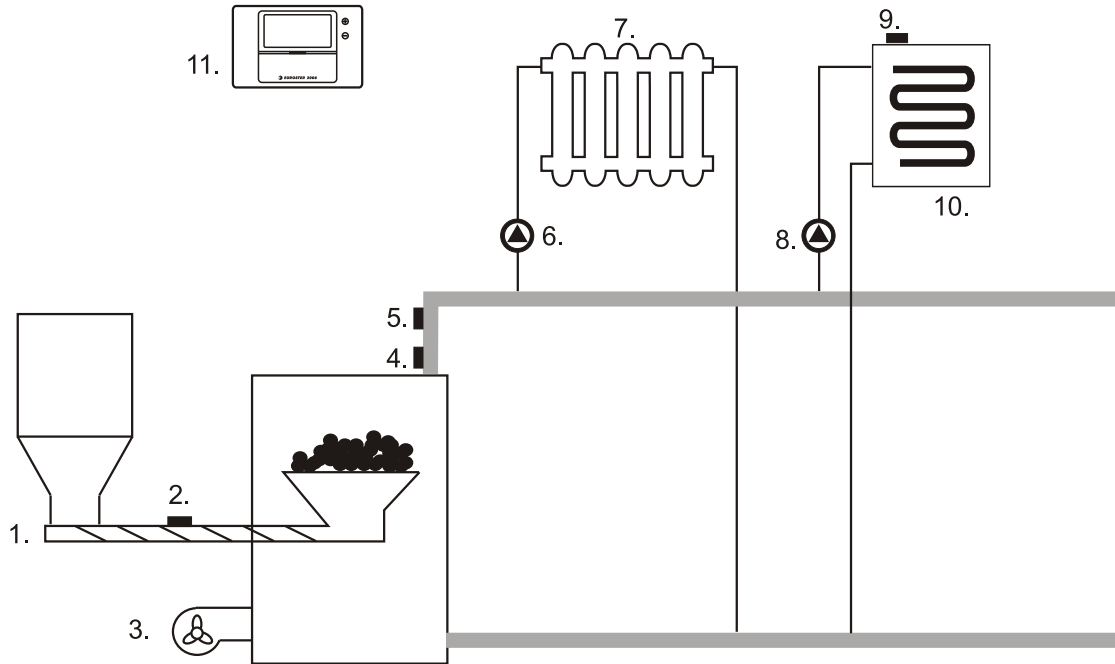- installation in the boiler housing

Controlled device	CH pump, blower, DHW pump, feeding screw
Supply voltage	230 V 50 Hz
Maximum pumps output load	2 A 230 V 50 Hz
Maximum blower output load	0,5 A 230 V 50 Hz
Maximum feeder output load	1 A 230 V 50 Hz
Maximum power consumption	3W
Temperature measurement range	-5°C...+110°C
DHW temperature control range	+20°C...+90°C
Boiler temperature control range	+40°C...+90°C
Temperature control accuracy	1°C
Hysteresis range	2°C – 5°C
Visual signalization	backlit LCD
Operating temperature	+5°C...+40°C
Storage temperature	0°C...+50°C
Ingress protection rating	IP40
Colour	black
Installation method	in the boiler housing
Weight	450 g
Standards, approvals, certificates	conformity with EMC, LVD, and RoHS
Warranty period	2 years
Dimensions (width / height / depth) in mm	175/114/53
Content of the controller set	Euroster 12P controller, user manual, sensor hose clips

160 mm

52 mm

21 mm

114 mm

100 mm

EUROSTER 12 P

175 mm

4 x Ø 3 mm

33 mm

The following diagram is simplified and does not cover all the elements necessary for the correct installation.
Do not immerse the sensors in liquids nor install them at flue gas outlets to the stack.

MOUNTING TEMPLATE

11.

7.

9.

6.

8.

10.

5.

4.

2.

1.

3.

1. Fuel feeding screw
2. Feeder temperature sensor
3. Blower
4. Thermal protection
5. Boiler temperature sensor
6. CH pump
7. CH zone
8. DHW pump
9. DHW tank temperature sensor
10. DHW tank
11. Room thermostat