

E11BU

Universal differential controller for a buffer charging pump.



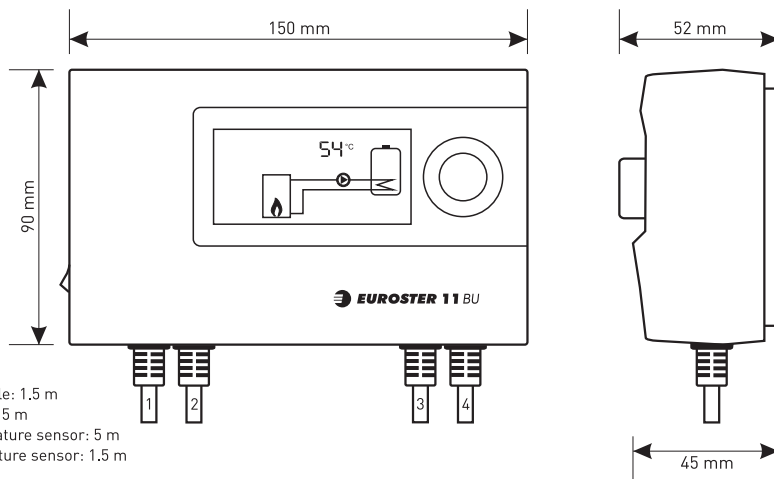
- has one voltage output and two temperature sensors allowing:
 - control of the boiler pump cooperating with the heat buffer, or
 - control of the pump transferring water between buffer tanks, or
 - differential control of the pump or valve depending on the temperature difference between the supply and the buffer.
- protection against cooling of the buffer after the boiler goes out,
- convenient setting input using a knob,
- adjustable shutdown temperature,
- Anti-Stop system prevents the rotor of an unused pump from seizing,
- pump operation test,
- temperature indication correction.

Device controlled	buffer/storage tank charging pump
Power supply	230 V 50 Hz
Rated output load	3 A 230 V 50 Hz
Rated power consumption	1,6 W
Temperature measurement range	0°C...+110°C
Temperature control range	+10°C...+90°C
Temperature control accuracy	1°C
Temperature control hysteresis	2°C...10°C
Status visualization	backlit LCD
Operating temperature range	+5°C...+40°C
Storage temperature range	0°C...+50°C
IP rating	IP 40
Colour	black
Mount method	wall-mounted, wall plugs
wall-mounted, wall plugs	0,62 kg
Certificates/standards	complies with the EMC and LVD Directives
Warranty period	2 years
Dimensions (W/H/D) mm	150/90/52
Packing list	Euroster 11BU controller, wall plugs, sensor bands, instructions, mounting template



EUROSTER 11BU

COTROLLER

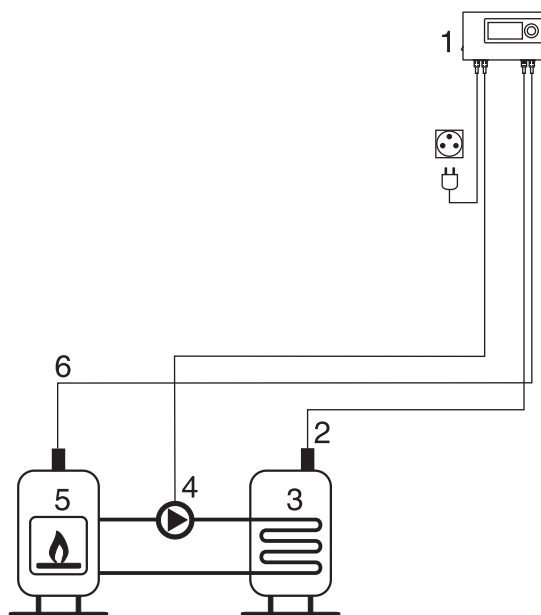


Cable lengths:

1. Controller power cable: 1,5 m
2. Pump power cable: 1,5 m
3. Storage tank temperature sensor: 5 m
4. Heat source temperature sensor: 1,5 m

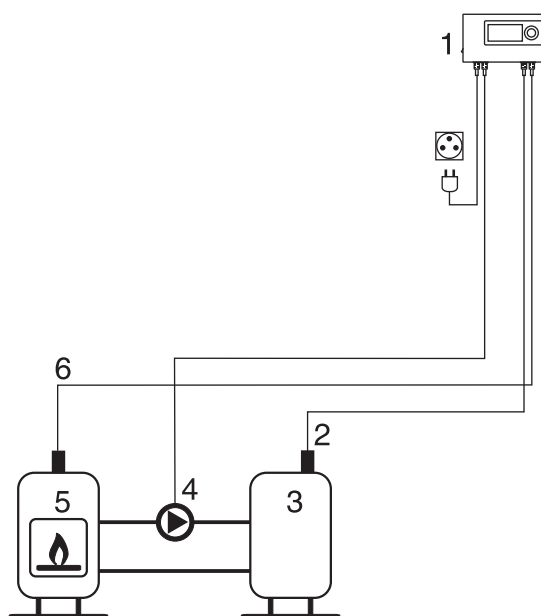
The simplified diagram presented does not contain all of the elements necessary to correctly install the device. Do not immerse temperature sensors in liquids or install any in a chimney flue gas exit.

CONTROL OF THE HOT WATER STORAGE TANK PUMP



1. EUROSTER 11BU Controller
2. Hot Water Storage Tank Temperature Sensor
3. Hot Water Storage Tank
4. Hot Water Storage Tank Charging Pump
5. Central Heating Boiler (Heat Source)
6. Heat Source Temperature Sensor

CONTROL OF THE HEAT BUFFER PUMP



1. EUROSTER 11BU Controller
2. Heat Buffer Temperature Sensor
3. Heat Buffer
4. Heat Buffer Charging Pump
5. Central Heating Boiler (Heat Source)
6. Heat Source Temperature Sensor