

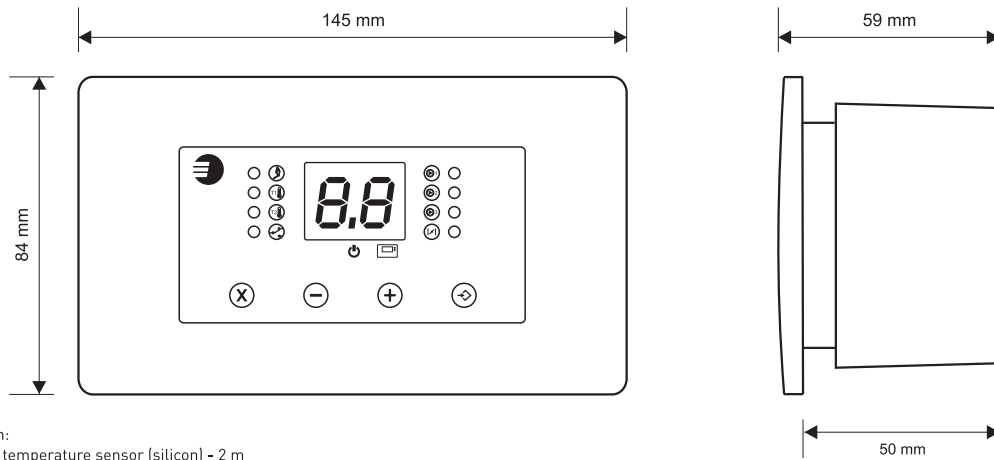
# E11K

To control a water jacket fireplace in a central heating system with DWH tank.



- three possible layouts for the CH / DHW system controlled cooperation with an electrically driven air throttle
- control of an additional heat source
- cooperation with a Euroster room thermostat
- overheating / freezing prevention
- DWH priority function
- self-testing of outputs and temperature sensor failure detection
- flush-mounted

Device controlled	water jacket fireplace
Power supply	230 V 50 Hz
Rated output load	3 A (combined) 230 V 50 Hz
Rated power consumption	4,3 W
Outputs	relays: pumps, air throttle voltage free: additional heat source
Temperature measurement range	0°C...+99°C
Temperature control range	+20°C...+85°C
Temperature control accuracy	1°C
Temperature reading accuracy	1°C
Temperature control hysteresis	+1°C...+10°C
Status visualization	display and LED diodes
Operating temperature range	+5°C...+40°C
Storage temperature range	0°C...+65°C
IP rating	IP 30, class II protection against electric shocks
Colour	white frame
Mount method	4M box, flush-mounted
Weight	281 g
Certificates/standards	complies with the EMC and LVD Directives
Warranty period	2 years
Dimensions (W/H/D) mm	145/84/59
Packing list	Euroster 11K controller, fireplace / heat exchanger temperature sensors, instructions, sensor bands, flush-mounted box

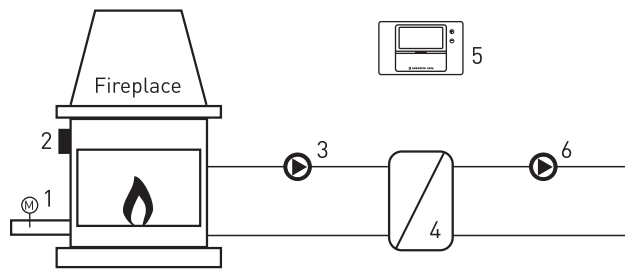


Cable length:  
 1. Fireplace temperature sensor [silicon] - 2 m  
 2. Heat buffer/exchanger temperature sensor - 2,5 m

The simplified diagrams presented do not contain all of the elements necessary to correctly install the device.

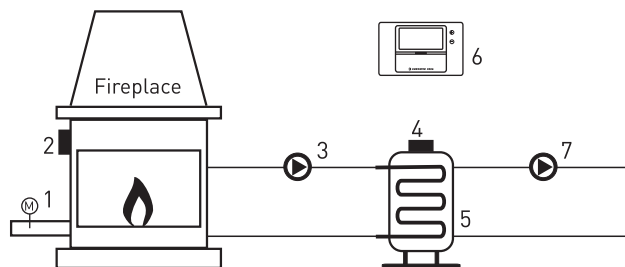
**WATER JACKET FIREPLACE, PLATE HEAT EXCHANGER**

- 1. Air throttle
- 2. Fireplace temperature sensor
- 3. Heat exchanger pump
- 4. Heat exchanger
- 5. Room thermostat
- 6. CH pump



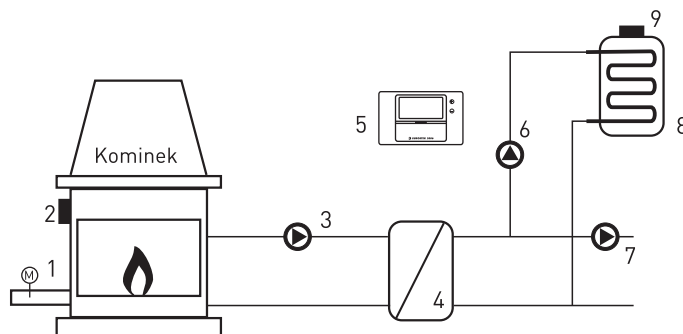
**WATER JACKET FIREPLACE, HEAT BUFFER (TANK)**

- 1. Air throttle
- 2. Fireplace temperature sensor
- 3. Heat buffer pump
- 4. Heat buffer temperature sensor
- 5. Heat buffer
- 6. Room thermostat
- 7. CH pump



**WATER JACKET FIREPLACE, PLATE HEAT EXCHANGER, CH / DHW SYSTEM**

- 1. Air throttle
- 2. Fireplace temperature sensor
- 3. Heat exchanger pump
- 4. Heat exchanger
- 5. Room thermostat
- 6. DHW pump
- 7. CH pump
- 8. DHW tank
- 9. DHW temperature sensor



The controller may turn on/off an air throttle equipped with a 230 V 50 Hz actuator. The throttle should close automatically as soon as the controller is supplied with power.