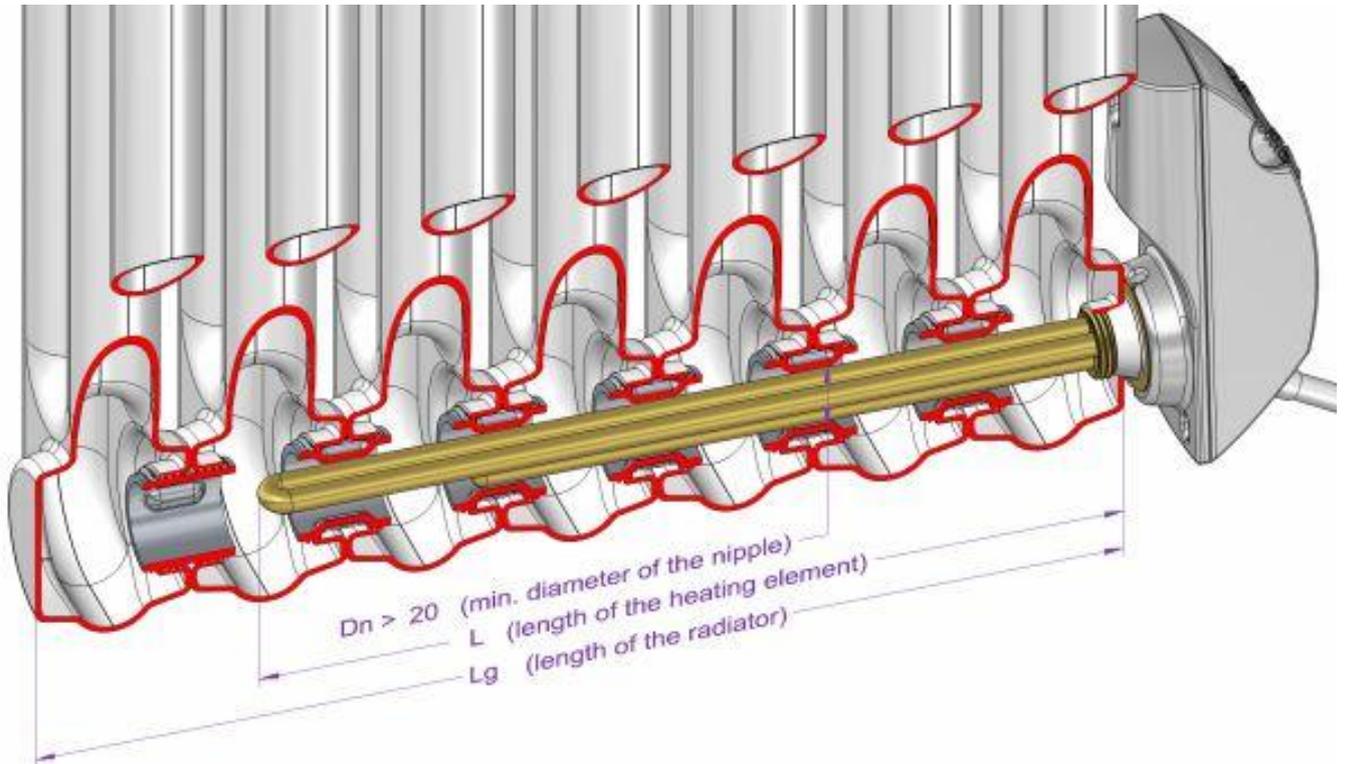


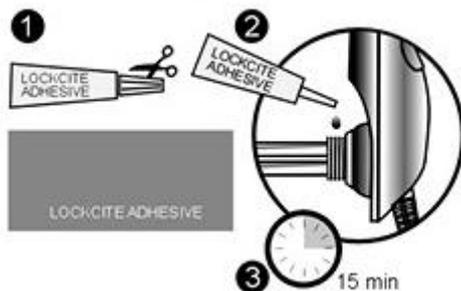
Operation manual

Horizontal heater require a proper diameter (minimum 20mm) of collector where a heating element will be placed.

Please also check a length of a collector (L_g). It should be minimum 5cm longer than a length of a heating element (L)



1. Prior to screwing the heating element in, **spread the Loctite sealant** (included) over the half of thread's circumference. Screw the heating element in manually, while holding the regulator housing.

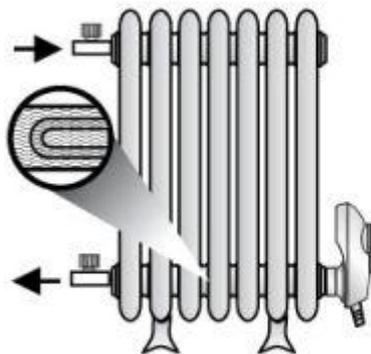


2. A **special silicone gasket** on the head facilitates setting the thermostat housing upright. The conical gasket does not have to be tightened until resistance is felt. Using the sealant prevents unscrewing the heater when the regulator housing is accidentally hit.



3. After installing:

I radiator in CH system



I radiator in CH system

Open valves and vent the radiator.
Next close inlet valve (thermostatic controller).
Caution! Only one valve must be closed.

II electric radiator

It is recommended to fill the radiator only up to 95% of its capacity, taking into account thermal expansion of water. Check the capacity in the instruction manual of the radiator manufacturer.

Check that the radiator is watertight after filling.

II electric radiator



Electric radiator

It is recommended to fill the radiator only up to 95% of its capacity, taking into account thermal expansion of water (leave 4–5 cm of air in the manifold). Check the radiator's tightness after filling it up.

Electric radiator must be supplied with a safety valve:



DO NOT connect to the mains.

Central heating radiator

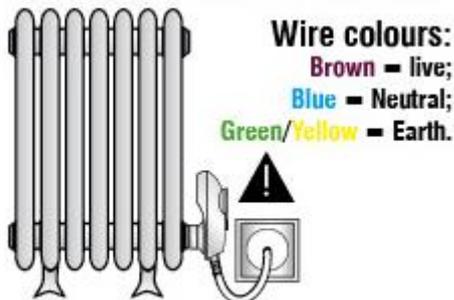
- a) When the central heating system operates, it is recommended to disconnect the heating element from the mains or set the knob to "0".
- b) Out of the heating season, when the central heating system does not operate, open the valves

and vent the radiator. Following that close one valve (the thermostatic valve).
Note! Only one valve must be closed.
DO NOT connect to the mains.

4. Connect the heating element to 230 V power supply.

Electrical installation in a bathroom should be entrusted to a qualified electrician for hard wiring in compliance with UK electrical regulations.

Radiators for use in living rooms may be plugged into a standard electrical socket using a standard UK 13 amp plug.



Have the installation carried out **by a qualified electrician.**

This equipment requires RCD protection with rated residual operating current not exceeding 30mA. This equipment must be connected to circuit protective conductor (earth)

NOTE

- The radiator must be vented. For electric radiators it's recommended to fill the radiator only up to 95% of its capacity, taking into account thermal expansion of water (leave 4–5 cm of air in the manifold). **Electric radiator** must be supplied with a **safety valve**.
- The heating element must be immersed completely
- The heater must operate in vertical position only
- Do not remove the silicone spacer from the heating element
- Before attempting to carry out maintenance, disconnect the heating element from the mains socket. Wipe the enclosure with a damp cloth with addition of gentle detergents. Do not use any aggressive agents. Under no circumstances allow the enclosure to be wet.
- When the heating element is not used, switch it off by turning the knob fully counter-clockwise.
- Always use anti-freezing function when the ambient temperature is low.
- In case of irregularities in heating element's operation, remove the plug from the mains socket and contact the installer or the manufacturer.
- The power supply cable must not be replaced. Y-type connection. If the power supply cable is damaged, send the heating element to the manufacturer to have it repaired.
- This appliance is not intended to be used by persons (including children) having limited physical, sensory or mental abilities and persons inexperienced or not familiar with the appliance, unless supervised or instructed on the appliance use by persons responsible for their safety. Children are not allowed to play with the appliance.
- Please keep the guarantee.