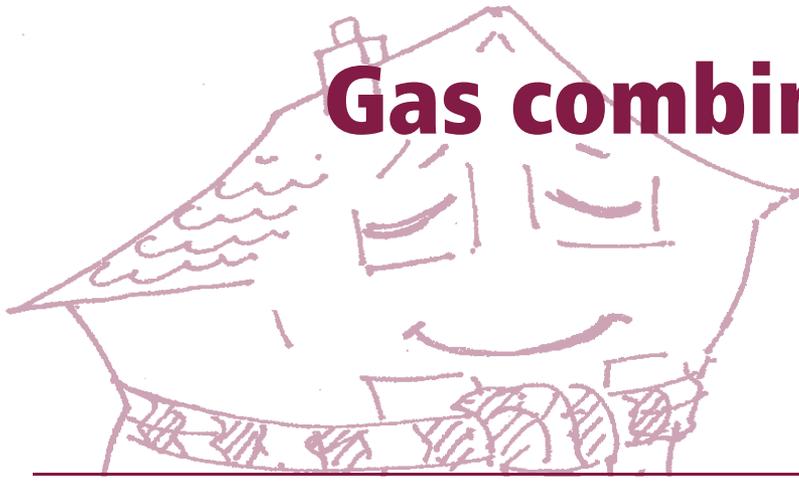


# Gas combination boiler



**You will usually find your gas boiler in the kitchen or bathroom.**

## What does the boiler do?

Your boiler has two jobs:

- It heats up water to pump around your pipes to your radiators.
- It gives instant hot water to your taps on demand and does not store hot water

## Boiler settings

On the front of the boiler or behind a flap at the boiler there will be a switch that sets either:

- The heating and hot water to be on - winter setting
- The hot water only to come on - summer setting
- Neither hot water or heating to be on - don't use this setting!

Make sure you have the boiler at the correct setting. You can then use the programmer, room thermostat, and any radiator thermostats to control your heating more accurately.

## Thermostatic controls - found on the front of the boiler itself

You may have one thermostatic control that controls both the temperature of the water coming out of your taps and the temperature of the water flowing around your radiators.

**OR** You may have two controls - one for the hot water and one for the heating.

### If you have one control

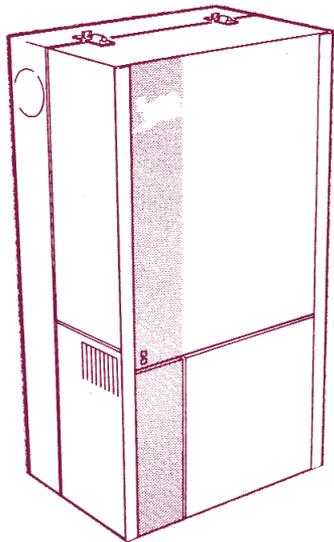
Set this to a medium to high setting (about 70°C / 160°F) in the winter and turn it down to a medium setting (60°C / 140°F) in the summer when you do not have the heating on.

### If you have two controls

Set the hot water control to a medium to high setting (60°C / 140°F).

Set the heating control (boiler thermostat) to a high setting (80°C / 176°F). This will ensure that the boiler is working at its most efficient. If the boiler thermostat is set too low two things may happen:

- Your radiators may never get hot enough to heat your home to the required temperature
- The hot water coming out of your taps may not be hot enough.



## How to get your hot water

- Turn the hot tap on to full. Initially the flow may not be great. This is not a fault. The boiler uses a special water-saving cost-reducing device. This restricts the initial flow of water at the tap until the water is hot.
- When the flow is at the rate that you would expect from the position you have your tap at, you should be getting hot water.
- If you need hotter water, reduce the flow of the water a bit, by turning the tap back towards the off position.
- If you are filling up a bath with hot water, it is best to keep the hot tap on until you have the amount of water you need, rather than turning the hot tap on and off. If you keep turning the tap on and off the flow of water will always be restricted.

Note. When you turn on the hot taps the boiler will stop heating up the water running around the radiators. However, unless you run the taps for a long time you should not notice a drop in temperature in your home.

## Pressure gauge or light

You will either have a pressure gauge on the front of your boiler or a pressure indicator light. If the pressure gauge drops below the red marker or the neon light comes on this means that the pressure in your boiler is too low. If this happens you should inform your landlord or contact a heating contractor if you own the property.

## Bleeding the radiators

Do not bleed the radiators, as this will reduce the pressure in the boiler resulting in your heating system not working. If you feel that there is an airlock in the radiators you should inform your landlord or contact a heating contractor if you own the property.

## How to light the boiler if the flame goes out

Read the instructions on the pull down flap at the bottom of the boiler, or the boiler manufacturer's instructions that were left in your home when the boiler was installed or when you moved. If the failure continues, seek advice from a central heating engineer

## What to do when you go away during the winter?

When you go away in the winter it is best to do the following:

- Keep the boiler thermostat on a high setting
- If you have a room thermostat turn it to the frost (little star) setting. If there is no frost setting turn it to about 6°C
- If you have radiator thermostats turn them all to the frost setting (a star). If there is no frost setting turn it to the minimum setting (but not off).
- Set your programmer to be on continuously.

By doing the above your boiler will only come on if the temperature drops below 6°C in your home. This will be very cold. It will not cost you much money to run but it could prevent your heating system from freezing.

NOTE: Ensure your central heating boiler/system is serviced annually (Including carbon monoxide testing)

