

HOW TO REPRESSURE YOUR HEATING SYSTEM

Modern heating systems are sealed to the atmosphere, thus no longer need the old tank in the roof.

With a sealed system when the water is heated the expansion has to be accommodated within the system via an expansion vessel. Occasionally on a new property you may find that the pressure needs to be topped up.



LOW SYSTEM PRESSURE SYMPTOMS

- Boiler not working
- Only some radiators get warm
- Noisy Boiler

LOW SYSTEM PRESSURE CAUSES

- Air in system
- Radiators have been bled
- Valve letting by
- Pump Sticking
- Weep/leak on system

BOILER NOT WORKING

- The most common reason for your boiler not working or no heating or hot water is simply that your system pressure has dropped
- These simple steps should aid you in getting your boiler up and running again

If you haven't got an airing cupboard the filling loop could be located

1. Under the sink or
2. Part of the boiler (refer to user instructions)

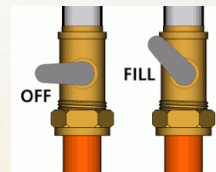
LOCATE FILLING LOOP

- Normally located in the airing cupboard. It will hopefully be attached.
- If not, you will need to hand tighten the flexible hose onto the taps (there may be caps we need to remove from the taps first, make sure the valves are off, When you look at the filling loop the valves are closed when they are at a right angle to the pipe.), screw filling loop on and once hand tight use a pair of grips to give a final tighten $\frac{1}{4}$ to $\frac{1}{2}$ turn.



UNDERSTAND FILLING LOOP

- You may only have one black tap to turn, you may have two, or you may even have a screwdriver slot at bot.h or one end. However, the on and off position are the same in both instances
- The taps will only turn one way. If a screw driver type valve these will turn 360 degrees but off and on position are the same as the tap positions



ADD WATER INTO SYSTEM

- We need to add 1-1.5 bar pressure into the system
- Open one tap fully, then followed by the other valve, when you do this you will hear water entering the system
- At this point, the needle, or display on the gauge will start to rise, sometimes there is a delay while pressure builds. Remember you are aiming for between 1 & 1.5 bar

RESET YOUR BOILER

- This should be the simple case of
- Pushing a reset button
- Turning down the dial to off and back on
- Or turning the switch on the wall to cut the power and then back on.

Don't worry if you put too much in the system (2 bar and above), as the pressure relief valve will discharge the excess water in the event of too higher pressure.

However, it is best to get it right first time, as the safety mechanism can keep on dripping once it's started, and then you'll keep having to top up the pressure!

- Once you have Re-pressurised your heating system and reset your boiler. Most boilers will fire instantly however some you will need to wait 20 minutes until you take further action as some run a diagnostic test before firing.



NEXT STEPS

- Make sure your programmers and room stats are calling for heat.
- If you find your pressure needs continued top ups over time call us to investigate further.
- If your pressure is up and the boiler does not fire, call us to investigate further.