

Fig. 1

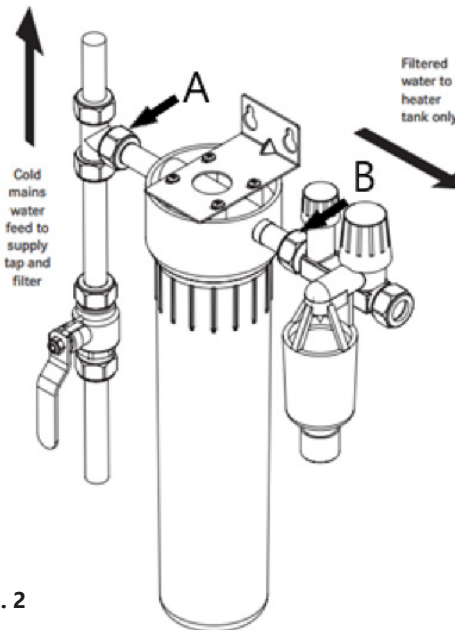


Fig. 2

### Before you begin

Replacing the filter housing on a Franke Minerva boiling tap is a straightforward procedure for any competent handyperson. However, should you have any doubts about your ability to tackle the task we suggest you engage a suitably qualified professional.

### Tools required:

1. Adjustable Spanner
2. ½" Cap Nut x 2
3. Copper Olive x 2

### The upgrade filter housing change procedure:

1. Turn the power off to the heating tank.
2. Run the boiling side of the tap until the boiling water supply runs cold through the tap.
3. Turn the water off to the filter using the green shut off valve supplied with your Minerva system under the sink.
4. Run the boiling water side of the tap again to release the pressure.
5. Position a bowl under the filter housing to catch any residual water. We recommend having a cloth or sponge to hand to deal with any spillages.
6. Unscrew the filter housing and carefully remove the filter housing sump with the cartridge inside. Remove the cartridge and discard the water in the sump.
7. Using an adjustable spanner, unscrew the compression nut (Fig.2, B) connecting the pressure relief valve on to the outlet connector of the filter housing.
8. Using an adjustable spanner, unscrew the compression nut (Fig.2, A) connecting the filter housing inlet connector to the green shut off valve or compression fitting.
7. Lift away and remove the original filter housing head.
8. Install the new filter housing head. Replacement Cap Nuts and Olives are provided to make the compression fittings at the inlet and outlet of the housing. Important Note: Water must flow through the housing from left to right when the bracket is fitted as supplied. If you need to change the orientation of the bracket it is imperative the water still flows in this direction, otherwise the water will run through the filter system in the wrong direction.
9. Screw the filter cartridge into the housing and refit the sump, being sure to tighten it sufficient to make a watertight seal.
10. Turn the water supply 'on' and check the system carefully for leaks.
11. Run the boiling side of the tap to ensure water is flowing through the system and to flush the filter. Leave the filter tap in the 'on' position and allow the water to run for approximately 10 minutes to flush the system.  
**IMPORTANT NOTE:** The optimum flow rate is 2 litres per minute. The performance of the filter will be negatively affected if the flow rate is too fast. If necessary, the flow rate can be regulated by adjusting the stop valve.
12. Turn the power back on to the heating tank and allow 20 minutes for the water to heat.  
 The system will then be ready for use.



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