

FRANKE OMNI/INSTANTE

Heater Tank Replacement Guide

Before you begin

Replacing a tank 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.

To Remove the Existing Heater Tank

1. Switch off the power to the heating tank (the switch is located on the front of the tank) and unplug the boiler from the mains electricity supply socket.
2. Open the boiling water handle of the tap and run the water until it runs cold.
3. Shut off the water supply to the tank using the adjacent stop-valve.
4. Open the boiling water handle again to release the pressure from the tap.
5. Remove the Female - Female push fit elbow on the top of the tank. To remove the elbow depress and hold the white collar into the fitting and then pull elbow up (Fig B).
6. Unscrew the stainless steel hoses with the green & red indicators from the top of the tank. If the black NutRunnas® have been installed on the hoses used they can be used, if not then use a small adjustable spanner.
7. **IMPORTANT NOTE** Check whether loose washers were used to seal the hoses. As part of our continuous improvements, we began to phase out hoses which require a loose washer in favour of hoses that contain an integrated washer. Depending on the age of your system the hoses may contain a loose washer or an integrated one.

Fig. A

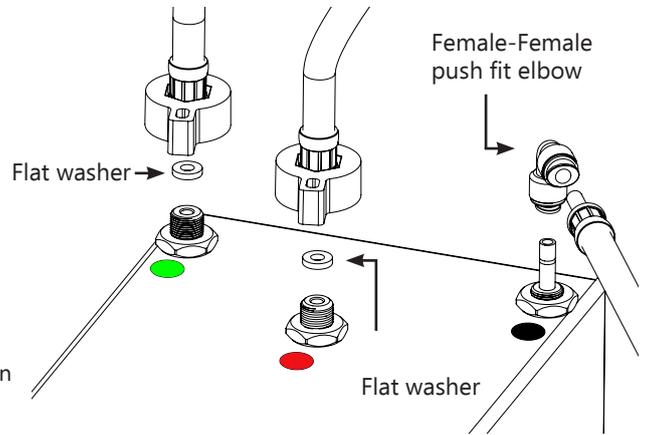
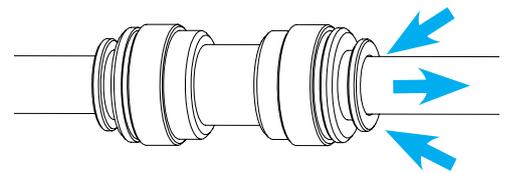


Fig. B



We changed the style of the indicators used on the hoses when the change was made in order to make it possible to check, at a glance, which hoses contain a loose washer and which contain an integrated washer. The table below helps explain:

Inlet Hose with replaceable loose washer	Inlet Hose with integrated washer	Outlet hose with replaceable loose washer	Outlet hose with integrated washer
			
USE NEW WASHER	NO WASHER REQUIRED	USE NEW WASHER	NO WASHER REQUIRED

If one or both of the hoses contained loose washers, they should be replaced. Check the inside of the nuts and if they either contain loose washers then remove them. New washers are supplied with the new tank.

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To Install the New Heater Tank

1. Remove the protective caps from the three connections on the top of the boiler. Retain these caps to use on the old boiler when it is returned.
2. Place the boiler in position.
3. Take the female nut at the free end of the filter outlet hose (green indicator). If required, carefully position a washer inside the nut. Screw the nut onto the male boiler inlet (green dot). Hand tighten using the NutRunna® (2 x spare NutRunna's are included should they not have been fitted originally). Important Note: Do not use a spanner to secure the nut and do not overtighten.
4. Take the free end of the boiling water flexible hose attached to the base of the tap (red indicator) If required, carefully position a washer inside the nut and screw the nut onto the male boiler outlet (red dot). Hand tighten using the NutRunna® (2 x spare NutRunna's are included should they not have been fitted originally). Important Note: Do not use a spanner to secure the nut and do not overtighten.
5. Attach the elbow of the vent hose to the metal stem at the right-rear corner of the tank by pushing down firmly.
6. Turn on the water supply to the tank using the adjacent stop-valve.
7. Open the boiling water handle and hold it open until there is a smooth, continuous flow of cold water through the tap.
8. Plug the boiler into the mains electricity socket and turn the tank on using the switch on the front. The LED with the plug symbol should turn green and the lower LED with the mug symbol will turn red to indicate that the tank is heating up.
9. Wait for 20 minutes and check that water is discharging from the vent pipe. Important Note: If the water does not start to discharge from the vent pipe into the cup after 20 minutes, switch off the power, operate the boiling water function on the tap to release the pressure and refer to the troubleshooting, see below.
10. Allow approximately 20 minutes for the boiler to reach full operating temperature, indicated by the lower LED turning green.
11. Operate the tap boiling water function for a minute to exhaust trapped air from the system.
12. The system is now ready for use. Please demonstrate to the homeowner the procedure for replacing the water filter cartridge and explain the importance of scheduled cartridge changes to maintain the quality of the filtered drinking water and the boiler warranty.
13. The system is now ready for use.

Troubleshooting Guide

If water fails to discharge from the vent tube:

- Check that there is power to the boiler. The 'Plug' LED should be green.
- Check there are no kinks in the vent hose.
- Call technical support for further help.

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