BOILER 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.

Your new tank may have some residue water from factory testing, rest assured this is normal, just ensure the tank is flushed and fully heated before use.

Tools required:

1. Adjustable/17mm AF spanner.

To Remove the Existing Boiler Tank

1. Switch off the power and unplug the boiler tank 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, once released close handle again.
5. Remove the Female - Female push fit connector on the top of the tank. To remove the connector depress and hold the white collar into the fitting and then pull connector 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 suitable spanner.
7. **IMPORTANT NOTE:** Check whether loose washers were used to seal the hoses. Depending on the age of your system the hoses may contain a loose washer or an integrated one.

Fig. A

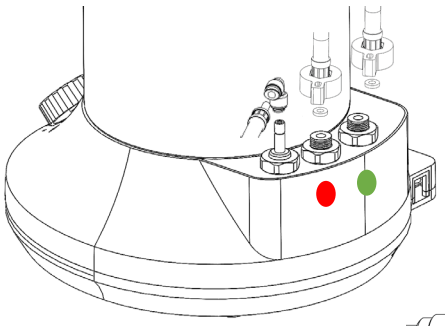


Fig. B

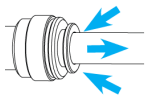
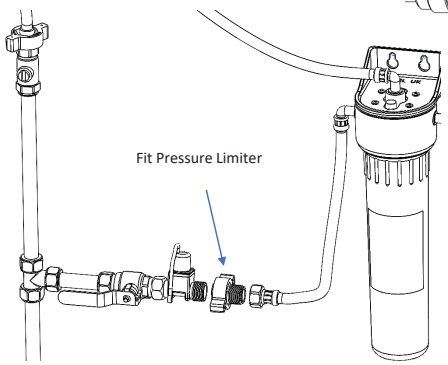


Fig. C



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

If a hose has an integrated washer, check condition and for debris then clean as required. If one or both of the hoses contained loose washers, they should be replaced. Check the inside of the nuts and if either contain loose washers then remove and replace. New washers are supplied with the new tank.

Continued over....

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To Install the New Boiler Tank

1. Firstly, fit the supplied Pressure Limiter device onto filter supply (Fig C).

2. If present, remove the protective caps from the connections on the tank.

3. Place the tank in position. If extension hoses are required these can be supplied by contacting customer services. Ensure tank is not turned on at this point.

4. Take the female nut at the free end of the filter outlet hose (green indicator). If required, carefully position a washer inside the nut. With new single arm NutRunna® in place, screw the nut onto the male tank inlet (green dot). Hand tighten using the NutRunna® **IMPORTANT NOTE:** Do not use a spanner to secure the nut and do not overtighten.

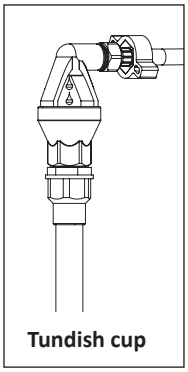
5. Take the free end of the boiling water flexible hose attached to the base of the tap (red indicator) If required, carefully position a washer inside the nut and with NutRunna® in place screw the nut onto the male tank outlet (red dot). Hand tighten using the NutRunna® **IMPORTANT NOTE:** Do not use a spanner to secure the nut and do not overtighten.

6. Attach the connector of the vent hose to the metal stem on the tank by pushing down firmly.

7. Turn on the water supply to the tank using the adjacent stop-valve.

8. Open the boiling water handle and hold it open until there is a smooth, continuous flow of cold water through the tap.

9. Plug the tank into the mains electricity socket, and then turn on the power.
   Check the left LED on the boiler tank turns green to indicate power is on. The right LED will turn red to indicate the tank is heating up. After 12 minutes monitor the Tundish cup to confirm that water is discharging from the vent pipe. Once confirmed, operate the boiling function for 5 seconds to release pressure, before allowing completion of initial heat cycle. **IMPORTANT NOTE:** If water does not start to discharge from the vent pipe into the cup during the initial heat cycle, switch off the power, operate the boiling water function on the tap to release the pressure, and refer to the Troubleshooting Guide below.


Tundish cup

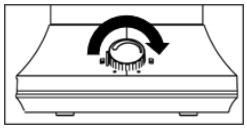
10. After approximately 20 minutes the boiler tank should have reached full temperature. Indicated by right LED turning green.

11. Operate the tap boiling water function for a minute to exhaust trapped air from the system. Gently rocking the tank can aid this process.

12. The system is now ready for use. Check carefully for any leaks.

Troubleshooting Guide

If water fails to discharge from the vent tube:



- Check that there is power to the boiler tank and water is heating up.
- Check control dial is rotated fully clockwise.
- Check there are no kinks or blockages in the vent hose.
- If the tap was operated during the initial heat cycle, consider repeating the process. Operate tap until water runs cold. Repeat the monitoring process, ensuring the tap is not operated until water is seen venting into the tundish cup.
- Call technical support for further help.

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