



Model No	40	
NO SCALE		
XF	60	
	80	

Installation and user guide



For all Aquatiere No Scale XF Models

Aquatiere

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AQUATIERE NO SCALE INSTALLATION

Before installing the No scale unit, please ensure you have the correct model with regard to the water demand and the water hardness/hardness type. Aquatiere can advise if required.

1. INITIAL INSTALLATION CONSIDERATIONS

- Observe water byelaws
- Ensure there is only one incoming water main
- **Be aware of condensation issues in warm areas. Recommend that the main vessel is lagged in pipe lagging to prevent the possibility of this occurring**

2. BEST PLACE TO FIT THE UNIT

- Close to the rising water main
- Recommended not to supply the outside tap
- Do not expose to extreme temperatures

3. NON-RETURN VALVE

- A single check valve should be fitted

4. DRINKING WATER

- As the unit produces drinking water, no separate tap supply is required.

5. COMPONENTS SUPPLIED

- Each model has a relevant fitting kit supplied

6. WATER PRESSURE

- Maximum regulated water pressure – 4 BAR
- Minimum water pressure – 1.5 BAR
- It is important to fit a pressure reducing valve if pressure is likely to exceed 4 BAR

7. PIPE WORK – **COPPER MUST NOT BE USED**

- **Under no circumstances must copper pipe work be used to within 1- metre either side of the No Scale units. All existing copper pipe should be earth bonded**
- **Plastic pipes or flexible braided hose must be used to connect to the No Scale Unit for a 1- metre run either side to the incoming and outgoing water supply**
- In new builds or new copper pipe work installations 6- weeks should be allowed to pass with the water system in full use BEFORE the no scale unit is fitted and commissioned

8. NON MAINS WATER SUPPLIES

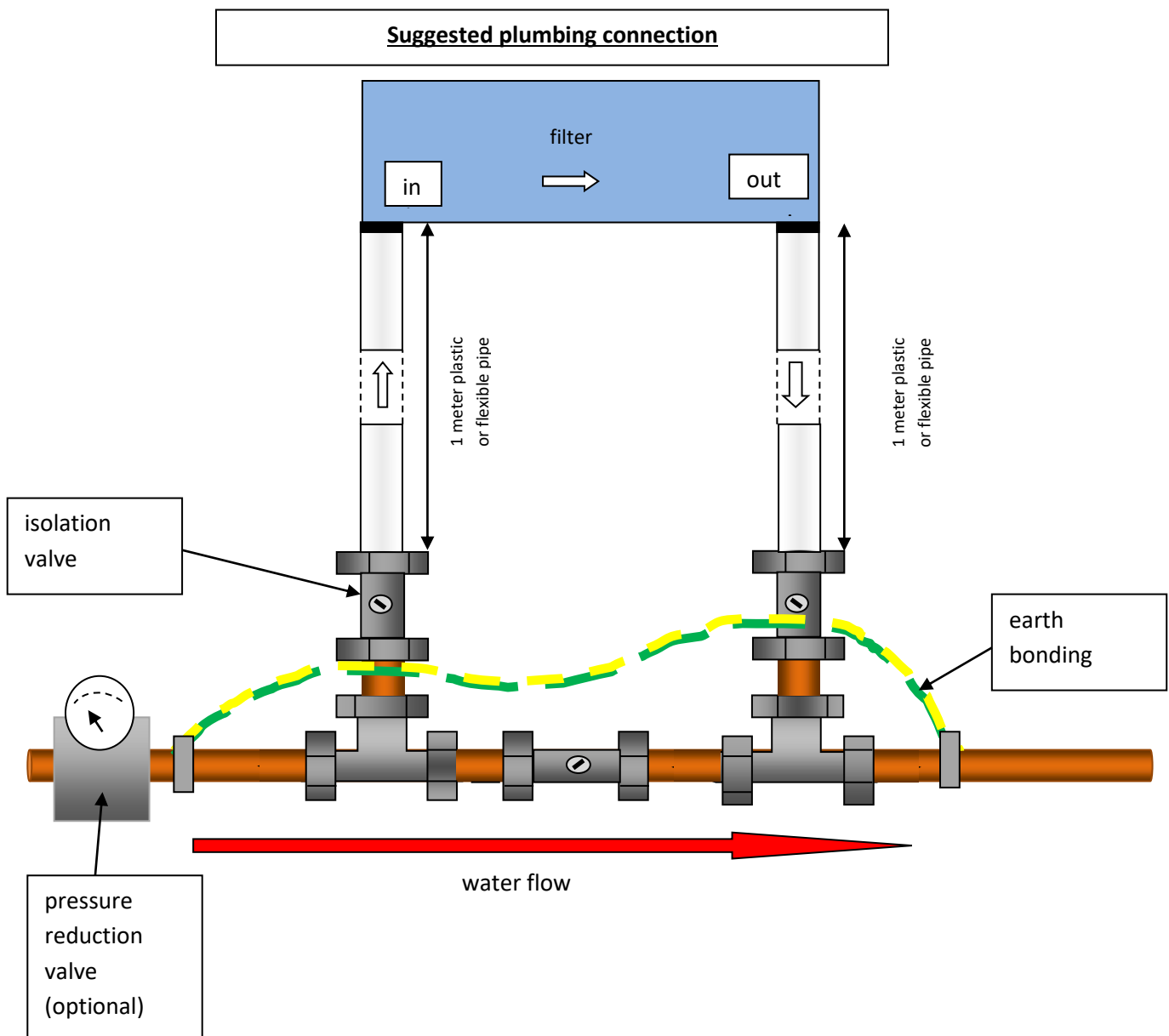
- In the event of the water supply being from a well or other natural source, Aquatiere must be contacted before installation .

FITTING NOTES

Fit the Aquatiere main No Scale XF unit securely to a wall with the vessels hanging in vertical position onto the incoming water main, taking note of the flow direction of the system. For ease of use the unit is supplied with John Guest BSP 22 male Push fit fittings, however for installations where space is an issue, vessels can be mounted separately in an alternative configuration such as a stacked layout , observe that the water flow must follow the filter sequence as the original layout had ,ensure all in between pipe runs are also plumbed with non copper pipe work .Compression fittings can be used with care (ensure threads are wound with PTFE tape and take care not to cross thread). Do not use pipe sealant. Standard units have a port size $\frac{3}{4}$ " BSP, pipework is not supplied,In layout changes as these units are custom built to meet the property requirements it will require the plumber's assessment on what additional purchases are needed for installation.

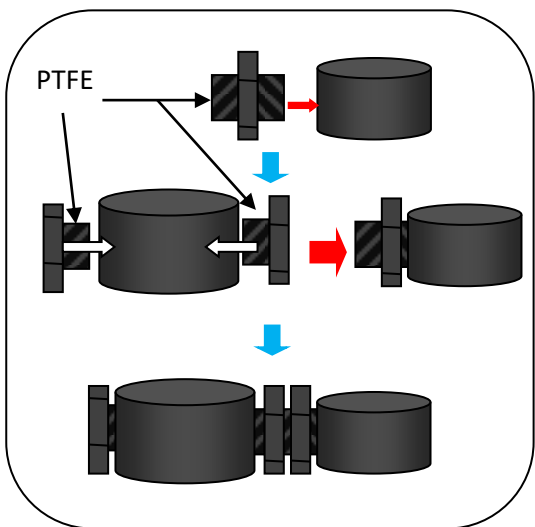
REMEMBER TO FIT THE EARTH BONDING STRAPS ON EXISTING COPPER PIPES TO MAINTAIN CONTINUITY.

ON NEW BUILDS WITH NEW COPPER PIPES LEAVE ON BYEPASS FOR 6- WEEKS. **(To allow verdigris to build up on the internal surfaces.)**

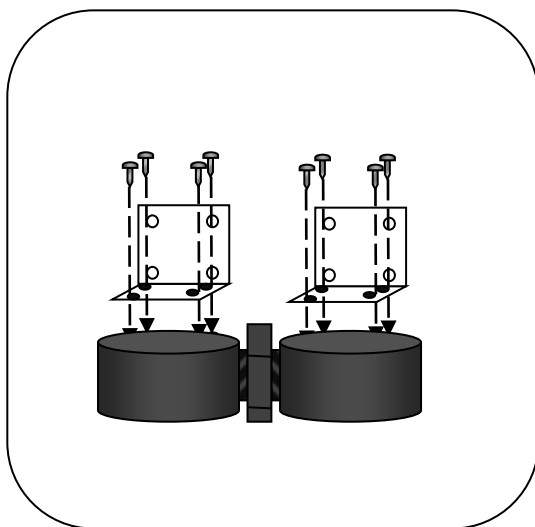


NSXF 40 ASSEMBLY

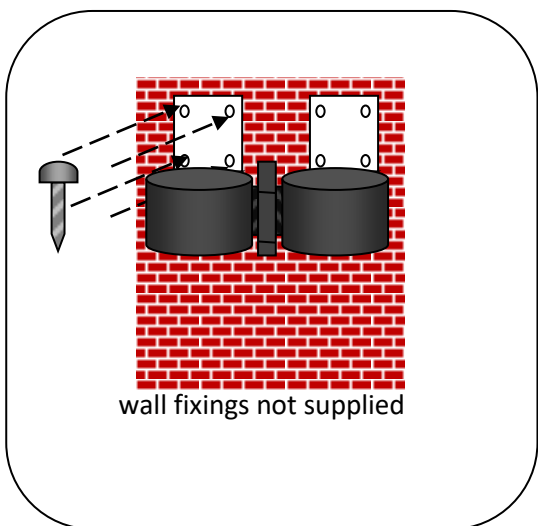
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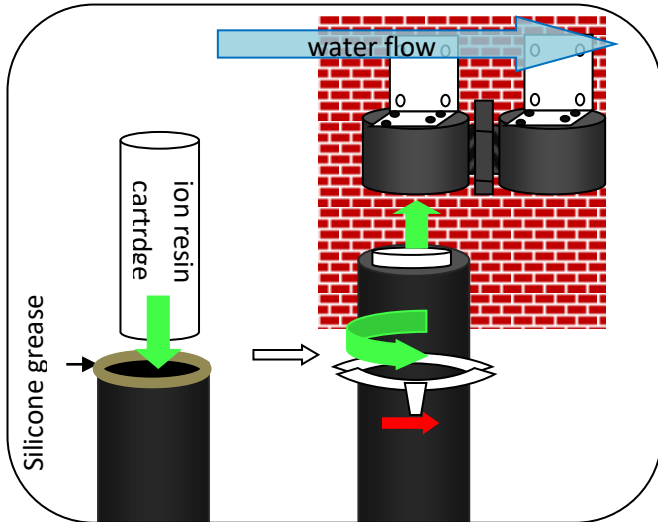
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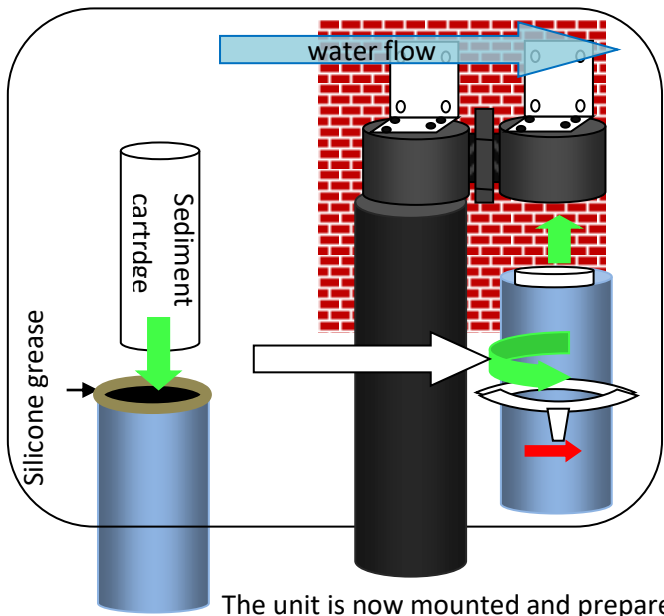
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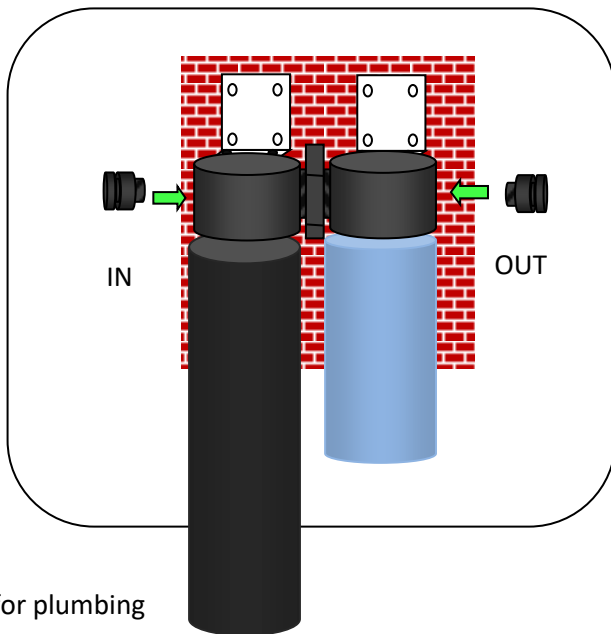
step 4



step 5



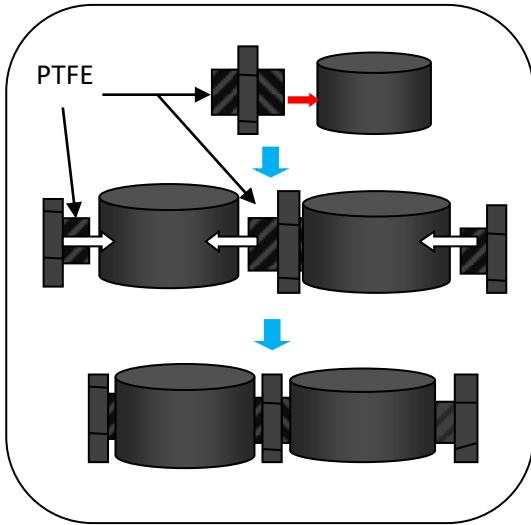
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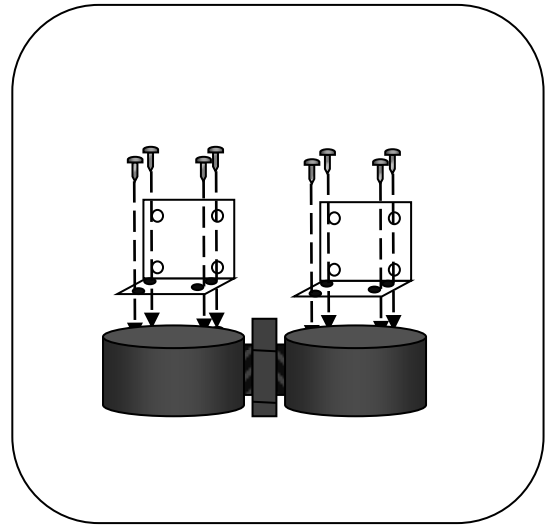
The unit is now mounted and prepared for plumbing

NSXF 60 ASSEMBLY

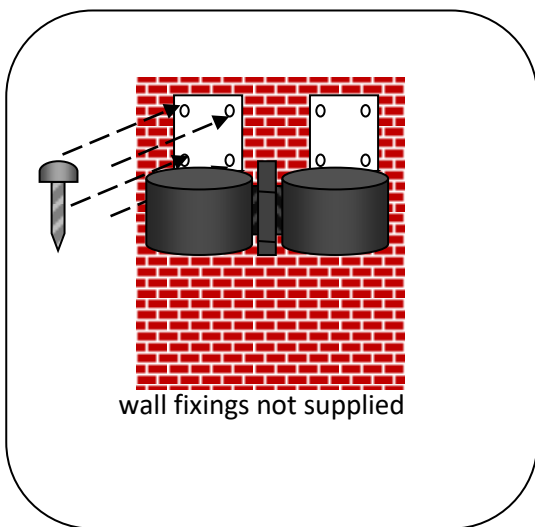
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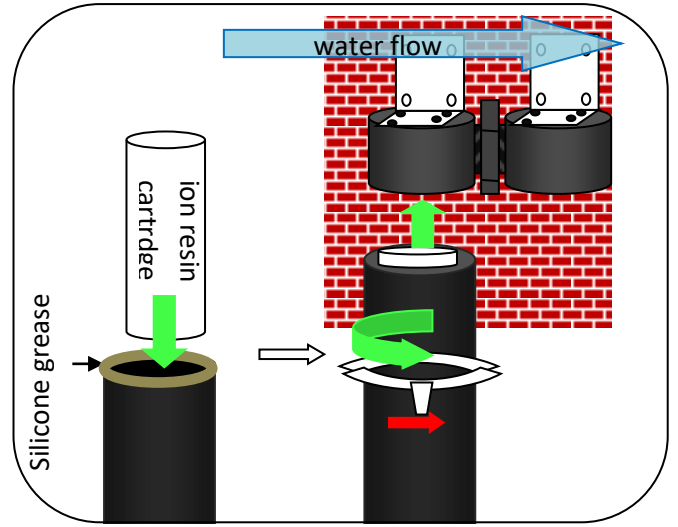
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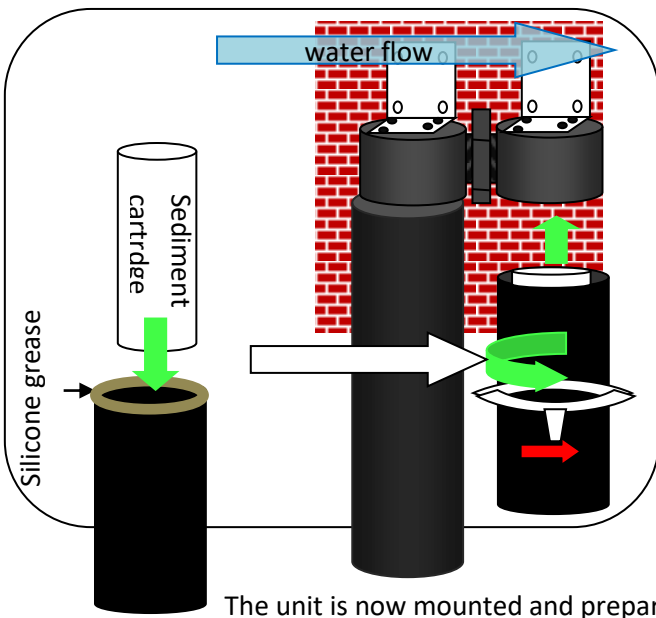
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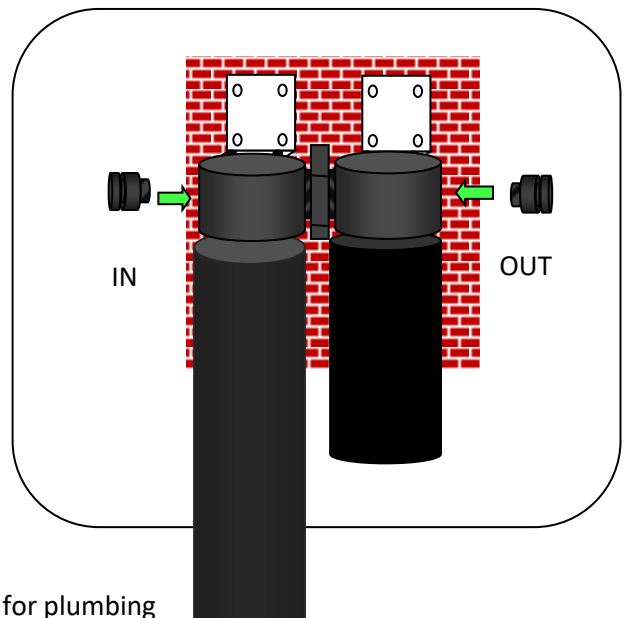
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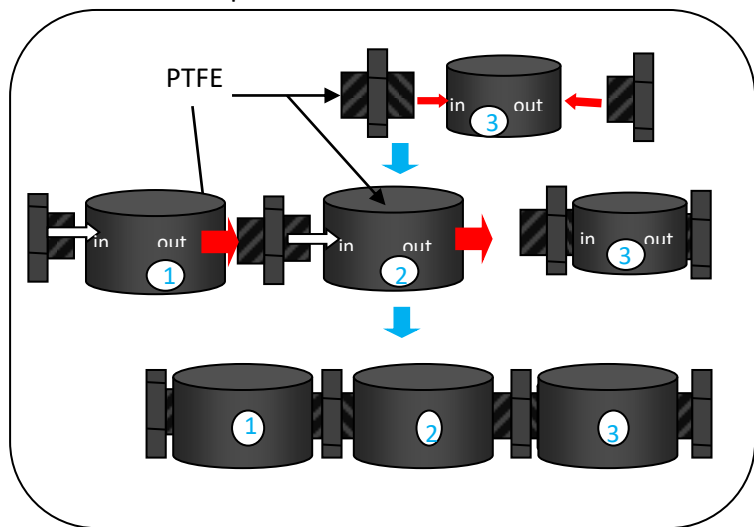
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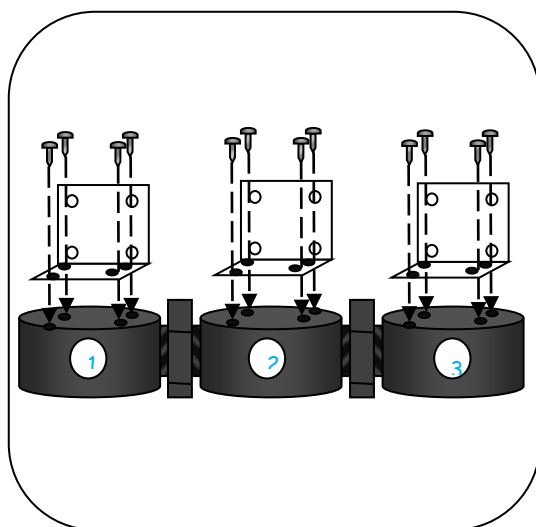
The unit is now mounted and prepared for plumbing

NSXF 80 ASSEMBLY

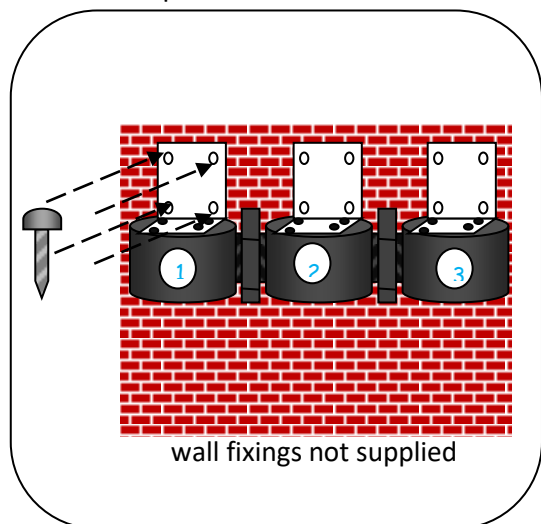
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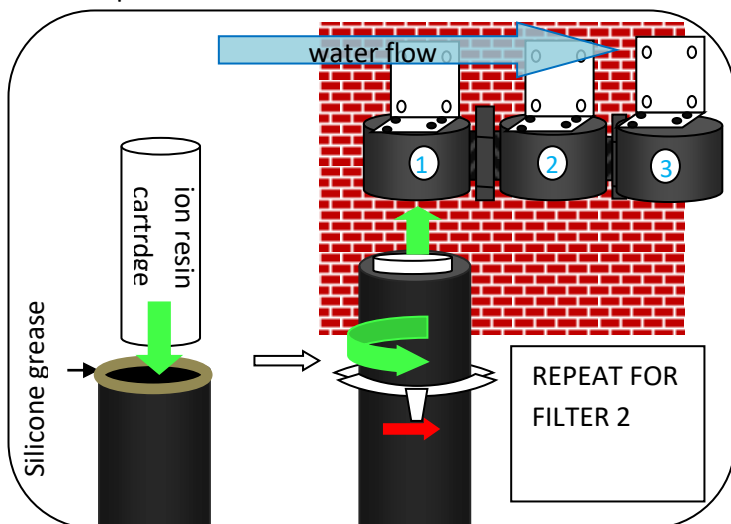
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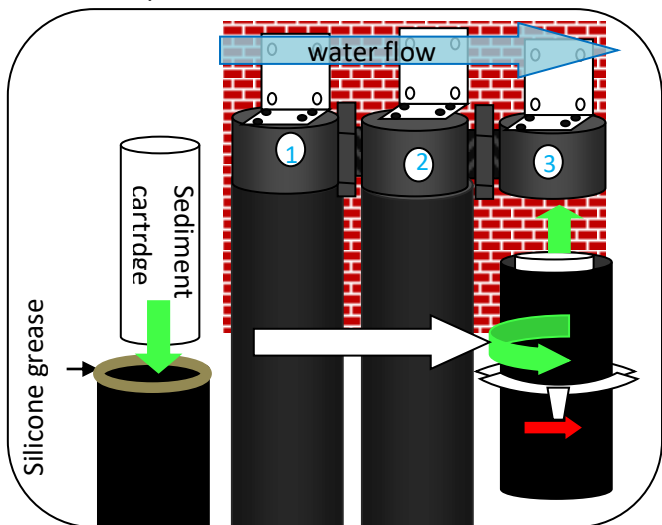
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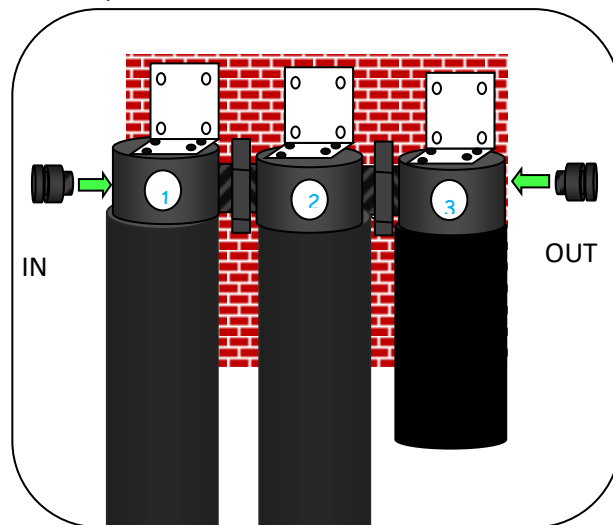
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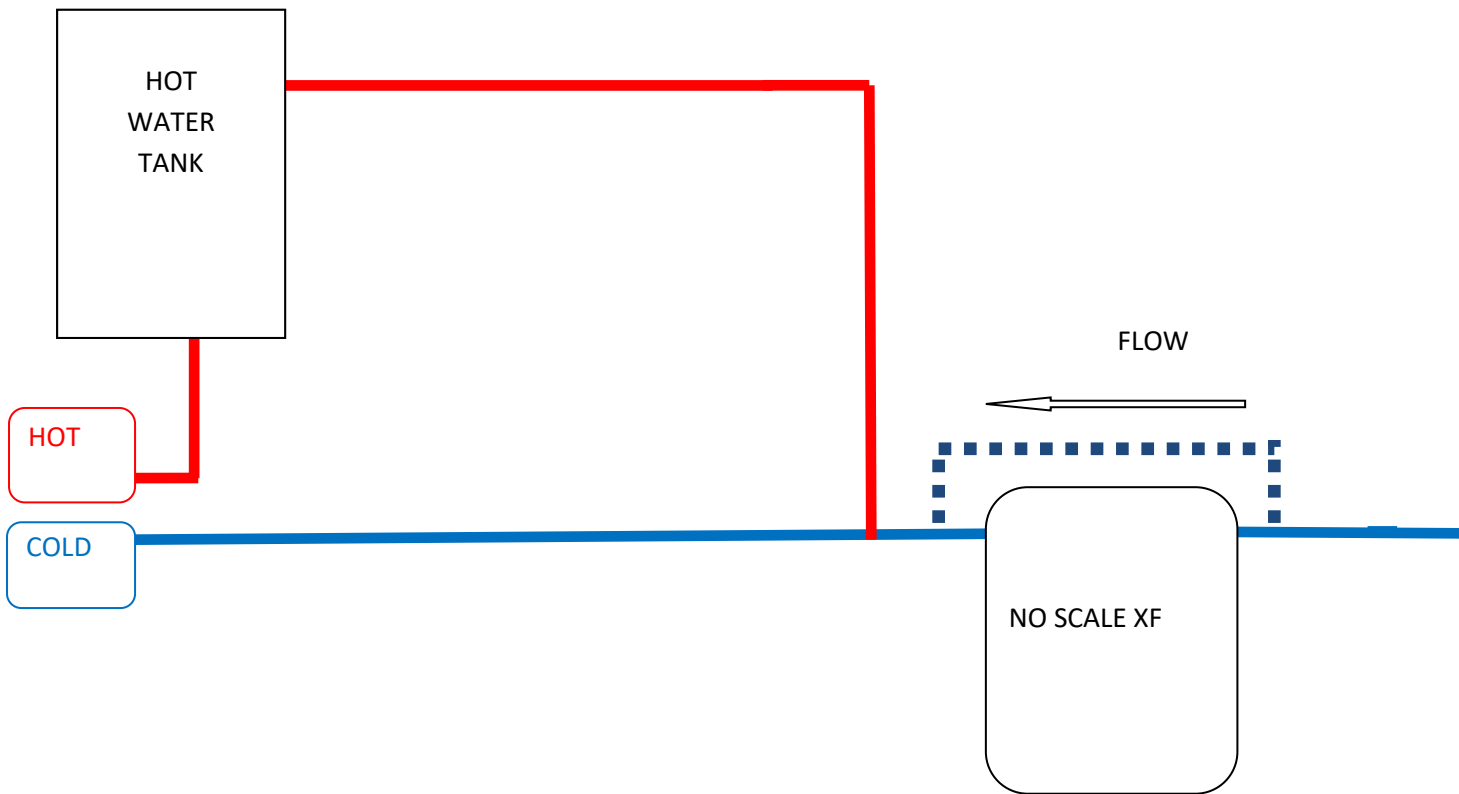
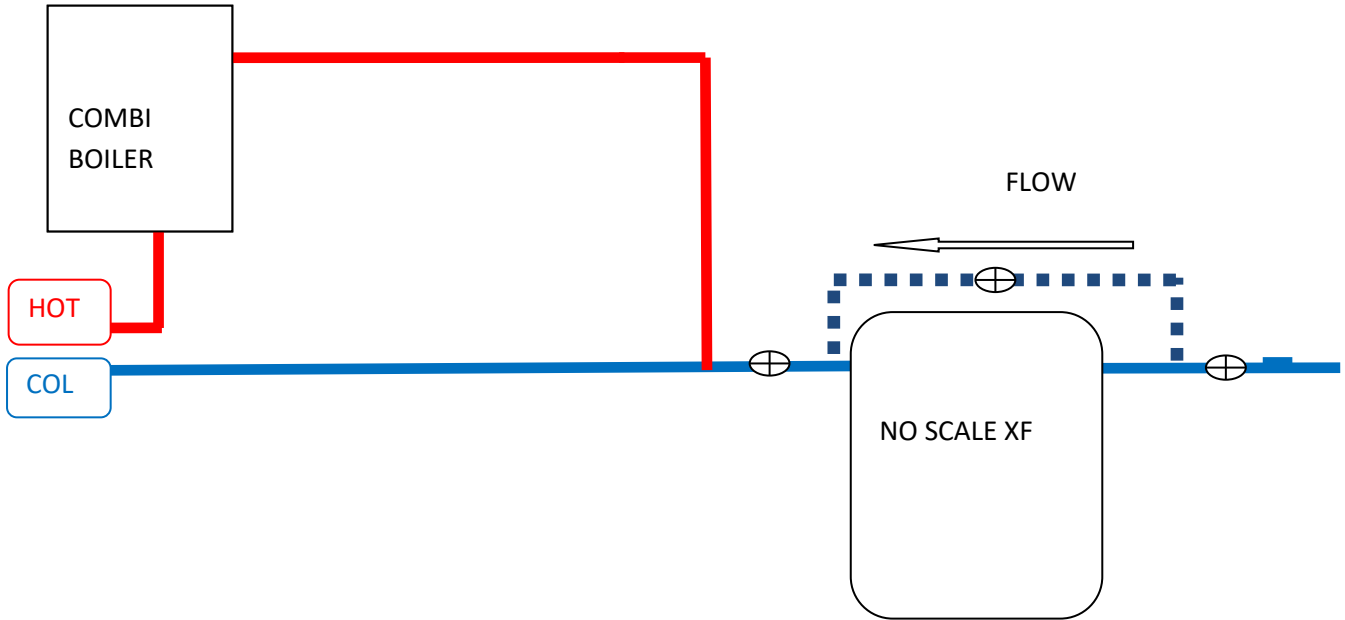


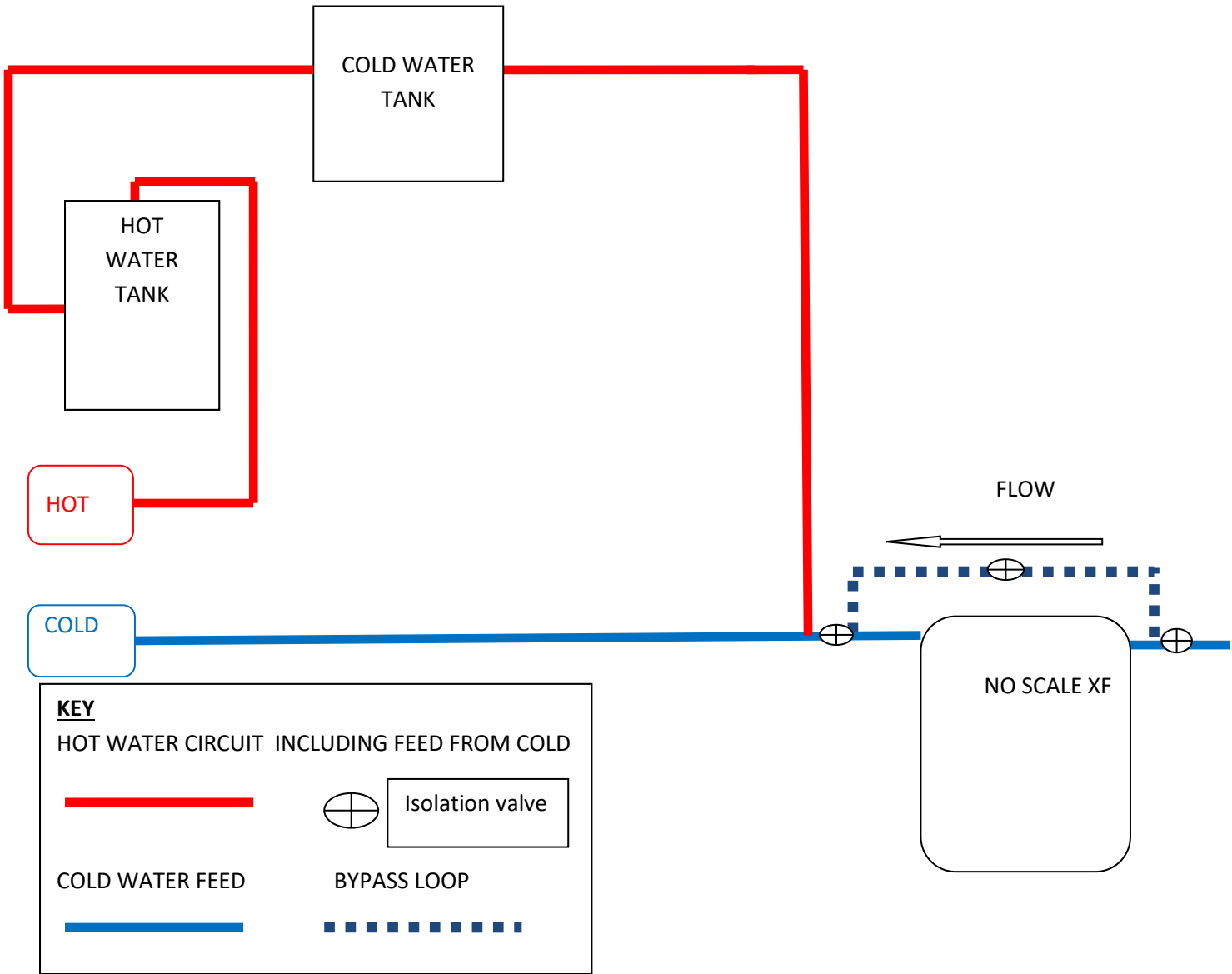
The unit is now mounted and prepared for plumbing

NO SCALE TYPICAL POSITIONS

(Please use this along with basic no scale diagram on previous page.)

NOTE- The supreme model is fitted in same configuration as below but is not shown in drawings)





please note the diagram should be used as a guide

TROUBLE SHOOTING GUIDE

NO SCALE XF

If you experience problems with your no scale unit please carry out the following procedure

1. ensure any existing copper pipe work has been cross bonded to ensure conductive continuity is maintained across the pipe work
2. Check the colour of the post filter inside its housing , If its clogged it needs changing.
3. Check that new copper pipe work has not been fitted with or immediately prior or after the installation of the no scale unit. **1 meter pipe run either side of the filter must not be in copper(In the case of a new build or refurbishment of your plumbing, the unit must not be fitted or put into operation for at least 6 - weeks to allow verdigris to build up on the internal surfaces of the properties plumbing.)**
4. Check that the unit flow rate is adequate for the plumbing system requirements of the property.
5. Note on older properties there may seem to be an increase in deposits for the first few weeks as the existing scale degrades, this will pass as the filter cleans and the plumbing settles into its more efficient state.
6. Check the and regularly clean the kettle. The scale/minerals are free flowing and will settle as a powder like film to the base and the element . don't allow this to build up as the heating element will over time revert these deposits back to hard scale. A jug filter is the best back up way to reduce this as it drip filters the water through its filter to capture 99% of minerals
7. If the water is not supplied via the mains i.e. well water etc. A water quality analysis is required and suitable measures taken upon the results , this might mean other equipment as well as the No Scale XF

If you find a discoloured post filter or anything different from above please call 0333 987 4690 for assistance

Spotting on glass surfaces – this is crystalline dropout through water splash evaporation on surfaces , the residues are easy to remove .If any hard deposits form it is a sign that the filter may have a plumbing issue or poor cartridge changing . Our times stated are guidelines only , water is different in many parts of the country so some areas may cause the cartridge life to be shorter
Significant water pressure reduction- This indicates the post filter cartridge is near its maximum captivation capacity and needs replacement

MAINTENANCE NOTES

1. Keep to the regular cartridge change intervals
2. Avoid extreme temperatures (freezing or excessive heat)
3. Always lubricate the sump o ring with silicone grease (not petroleum jelly) during cartridge change and give the vessel sump a quick clean to remove any debris.
4. Avoid impact damage on the vessels
5. If system is not used for any duration (holiday away etc) isolate the filter offline from the water supply prior to leaving unattended. Upon return and first running it again run the nearest tap for a minute to flush any standing water from the system.

INSTALLATION CONDITIONS EFFECTIVE July2018

The No Scale XF units are fully covered by a retrospective 3- year parts only exchange guarantee. The definition of retrospective is if the resin is depleted before the expected resin 4 year life period then the resin replacement will be charged at a retrospective rate i.e. resin failed at 36 months – resin charged at 36/48th of the new replacement cost plus VAT and delivery.

Note:

The guarantee has these conditions, and does not cover the following:

1. Damage caused by excessive water pressure
2. Damage caused by environmental temperatures
3. Incorrect installation including connections
4. Fitting onto non-mains supplied water
5. Damage caused by dirty mains water
6. The effect of aggressive water, the degradation and /or blinding of resin and/or chlorine attack on resin
7. Incorrect specification other than Aquatiere
8. Compensation for plumbing costs

No scale XF service record

Resin cartridge(s) record(4 year interval*)^{††}

Original installation date	
1 st resin cartridge(s) change date	
2 nd resin cartridge(s) change date	
3 rd resin cartridge(s) change date	
4 th resin cartridge(s) change date	

†† Remember the NSXS 80 will require 2 resin cartridges

sediment cartridge record(18 month interval *)

Original installation date	
1 st cartridge change date	
2 nd cartridge change date	
3 rd cartridge change date	
4 th cartridge change date	
5 th cartridge change date	
6 th cartridge change date	
7 th cartridge change date	
8 th cartridge change date	
9 th cartridge change date	
10 th cartridge change date	

*suggested interval times , can vary according to water quality

It is advisable to put a label on the filter to record the installation or last filter change date.

