

RHOMBUS

REVERSE OSMOSIS WATER SYSTEM

Sanitising the RHOMBUS

Even though the water coming into your RHOMBUS system should be free of microbiological contamination, as with any water treatment system, it is recommended to clean the system from time to time. To do this we recommend using Aqua Dosa™ Sanitiser which is always in stock at Andrew's Water Treatment.

As with all sanitiser products, you should follow all the safety precautions and avoid contact with skin, eyes and clothing.

1. Isolate the water supply to the system and then drain the RHOMBUS of all water.
2. Remove all filters & membranes from the unit (following the normal installation & maintenance guidelines for this process) and, if you intend to reuse these, handle with clean & new rubber gloves to prevent possible cross contamination from your hands.
3. Once all filters and membranes are removed from the unit, fill the pre filter housing with sanitising solution (diluted according to manufacturer's instructions). We recommend that the pre filters are changed at this point, before all the housings are back in place and sealed.
4. Identify and locate the non return valve/flow restrictor on the feed line to drain, remove this item and then reattach the wrong way round. This will act as a stop valve for the following process to be effective.
5. Now you can turn the water supply to the unit back on and wait for the tank to fill. The water coming back into the system will mix with the solution in the prefilter housing, ensuring that it reaches all areas of the system where water has been and where possible contamination may have occurred.
6. Leave the system to stand for at least one hour to ensure that the process is given time to work. You can draw water from the system at this time –NOT FOR USE – but to be sent to drain so that more water can come into the system to ensure the sanitising solution is well mixed. This step should be repeated to ensure that the sanitising solution is sufficiently diluted so as not to cause problems
7. When you feel that the solution has been in situ for long enough, repeat step 1.
8. Open all housings as in step 2 and insert new filters/membrane. The original filters can be reinserted but preferably new ones should be installed.
9. Ensure all filters & the membrane are back in place and all housings are again sealed properly. Also ensure that the Non Return Valve/Flow restrictor is removed and put back with the direction of flow arrow pointing towards the drain.
10. Restore the water supply and allow tank to fill before reusing product water.

Test strips are available to detect the presence of Aqua Dosa Sanitising Solution in the system and also to test that the solution has been properly flushed out after sanitising. If you encounter difficulties at any time during this process, please feel free to call our RHOMBUS team on 01704 531 556.