

BWT BA16ROC System Maintenance

There are a few key items to keep an eye on when maintaining your BA16ROC system

System Check Points;

1. Prefiltration – BA16ROC needs a minimum of 2 bar water pressure “and” 8 litres per minute flow. If the water pressure and flow fall below these levels while the system is producing water the unit is potentially at risk of pump damage.
2. Check the app – If any of the parameters are highlighted in red or yellow it indicates that the system needs some maintenance ASAP.



Water pressure must be checked while the unit is in operation and producing water.

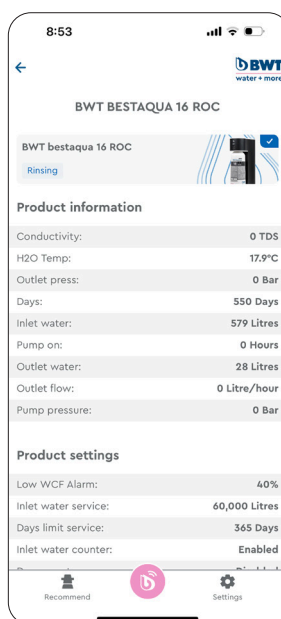
The prefilter gauge (like in the image) will provide this information.

The gauge should be installed on the outlet or downstream side of the filter.

NOTE: If the pressure and flow fall below these levels then the prefilters should be replaced immediately.

If the water pressure and flow does not increase, then there may be low water pressure to start with.

In this instance call BWT to discuss options.



A. If inlet water is highlighted “RED” it indicates the prefilters have gone past it’s useable service quantity in litres. It may also indicate “Service” which is highlighted in “Yellow” at the top pf the screen.

Failure to change the filters may compromise membrane protection.

Replacement filters for PSJ200 and PSJ400 prefilter assemblies.



PS5W20

FB5W20

3. Once every week it is important to check the TDS which indicates if the membrane is operating correctly and removing the dissolved impurities that may potentially damage equipment.

NOTE: To do this you will need to have the app on your iphone or Android phone. The procedure on how to do this follows.

To download the BWT Best Water Professional App please follow these instructions.

Access the App from the App store or Google Play by using the following links:

For iPhone



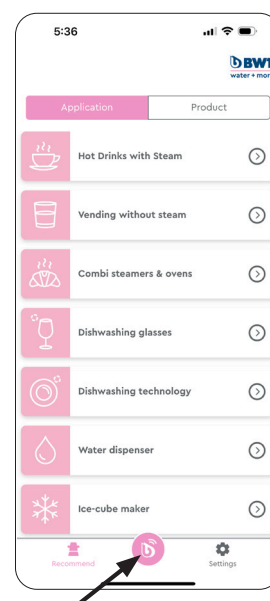
Android phone



1.

After you have downloaded the BWT Professional app you can now connect to your ROC unit.

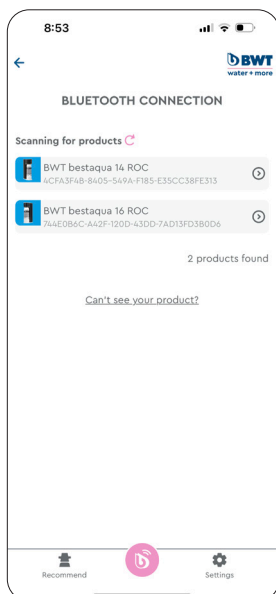
To do this, open the app and press the pink circle with the BWT logo at the bottom centre of the page.



2.

This will take you to the following screen.

With the ROC turned on – click on the product found.



3.

While connected, the app shows the status of the machine. In this case the reverse osmosis unit is in production with the status "Working".

On the same page you will see a complete system summary of the product information, settings and product history.

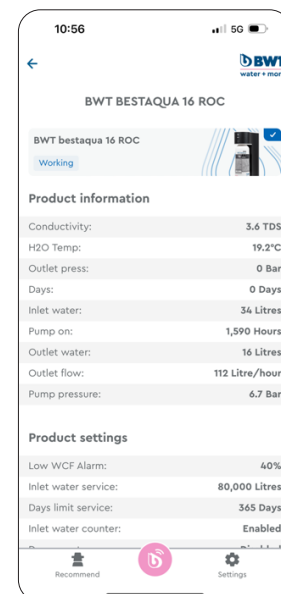
The following operating data will appear which is very useful:

Conductivity [TDS/μS], Water temperature [°C], Outlet pressure [bar], Pump pressure [bar], Running time since commissioning [days], Inlet water meter [l], Operating hours of pump [h], Outlet water meter [l], Production quantity [l/h]

If service/filter replacement is due, one of these displays will appear in the main menu at the top of the page indicating service required or other. The status LED may be illuminated in RED.

NOTE: BA16ROC needs a minimum of 2 bar water pressure "and" 8 litres per minute flow.

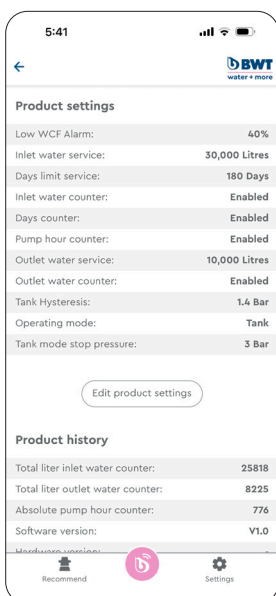
If the water pressure and flow fall below these levels while the system is producing water the unit is potentially at risk of pump damage.



4.

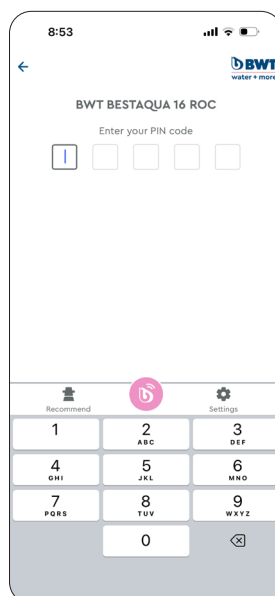
If filter replacement is due, one of these displays will appear in the main menu. The status LED is lit in red.

NOTE: BA16ROC needs a minimum of 2 bar water pressure "and" 8 litres per minute flow. If the water pressure and flow fall below these levels while the system is producing water the unit is potentially at risk of pump damage.



5.

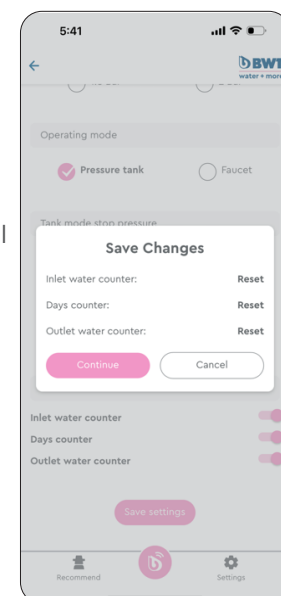
To access the service menu you will need to scroll down to "Edit product settings" and tap on it. This will take you to the following screen where you will be asked to enter the password 05310. This will take you into the settings menu where you will be able to change settings depending on the system setup and/or update the service parameters e.g. "inlet water counter" of you have changed prefilters.



6.

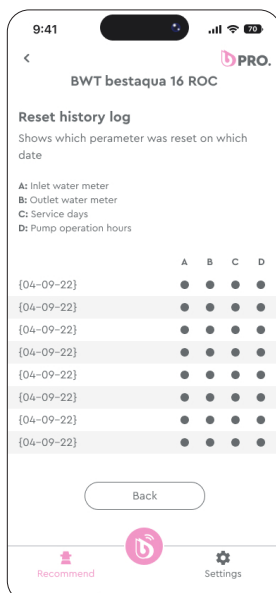
Reset the relevant meter(s). Press "save" and wait for acoustic signal

NOTE: This must be done following any filter replacements.



7.

Product maintenance history log.



8.

When finished, disconnect from the system by touching the pink BWT logo at the bottom centre of the page

