

NIMBUS PS20 OWNER & OPERATING MANUAL

The **Nimbus PS20 water treatment unit** has a manual bypass. The bypass is for when the system needs maintenance. No need to turn off main water supply, but make sure pump is OFF.

The system needs the washable sediment filter to be cleaned every 7 days. Only the washable filter needs to be cleaned with clean water only [no soaps or chemicals, other than MILTONS if needed] and fit back into the filter housing. While in bypass check the chlorine pill housing by unscrewing it. One pill will dose 50 000 lts of water. HTH diluted dosing via manifold, to disinfect the raw water – kill bacteria, pre filtration.

TO START DIY MAINTENANCE - PROCEDURE

Before doing maintenance the system needs to be put on bypass – see Fig01 .

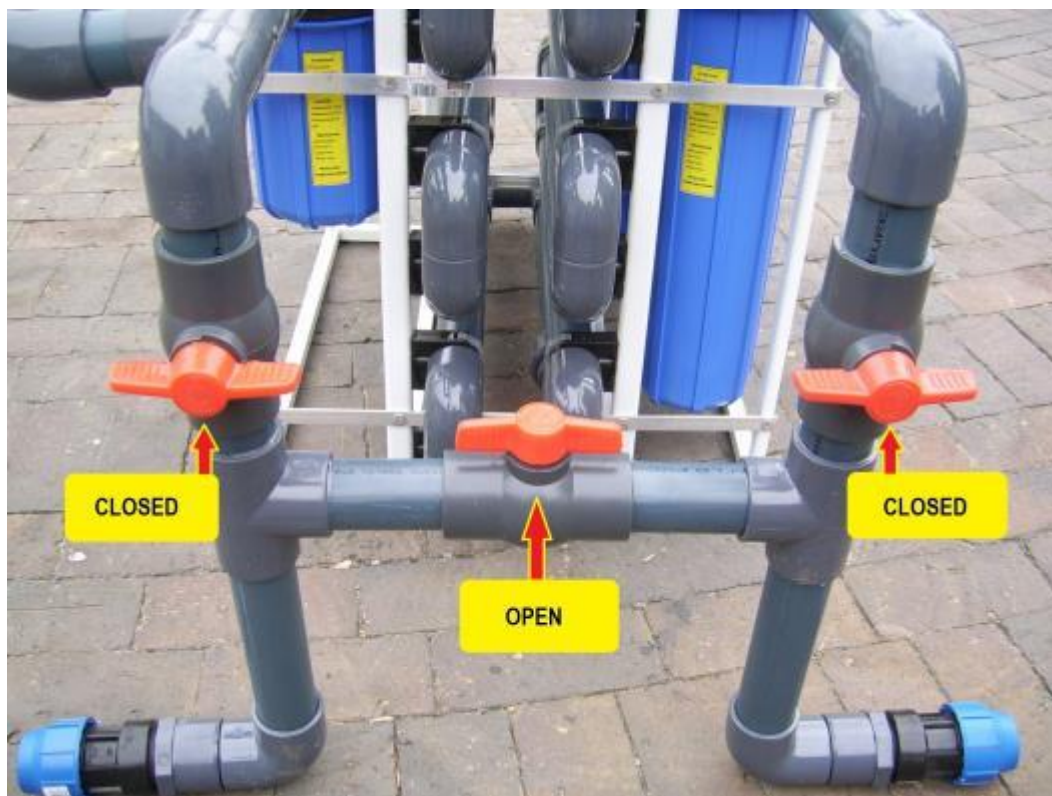


Fig01

Make sure the valves are turned in the right position before starting maintenance.

The two top valves need to be turned to the off position.

The middle valve turned to the on position.

The unit is now ready for DIY maintenance.

WASHABLE FILTER MAINTENANCE PROCEDURE EVERY 7-10 DAYS

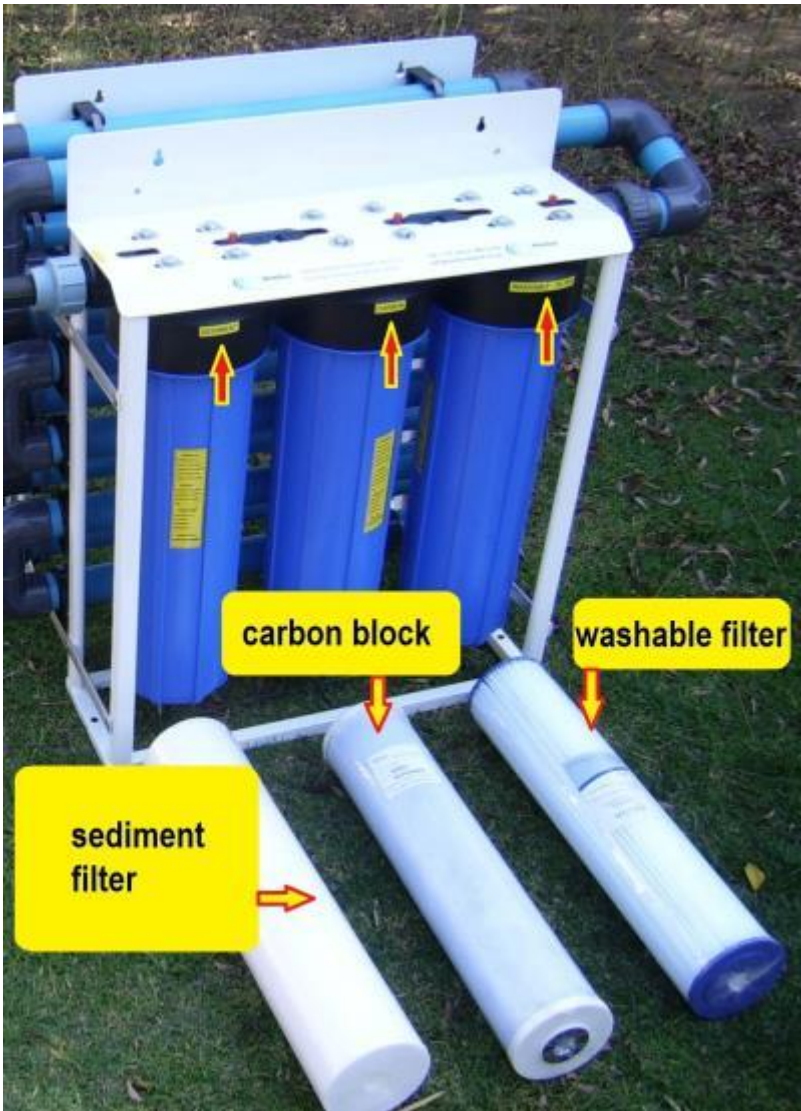
FIG02 above - Facing the filter frame there are three 20" BB – BIG BLUE filters Bowls/Housings in a row. The filter housing on the right [AT INLET] is the washable filter housing with the washable filter cartridge in the housing; this is the only one to remove AND WASH WITH CLEAN WATER.

SEDIMENT & CARBON BLOCK FILTER REPLACEMENT – EVERY 8-12 MONTHS

The other two filters cartridges will only be replaced once a year [period of 8-12 months for effective filtration] during a full service.

See attached price list for filters, spares & consumables, or contact Nimbus WaterTec.

IF DIY change the sediment & carbon block filter cartridges, the same procedure will apply as for the washable filter cartridge.



IMPORTANT/NOTE

Before removing the washable sediment filter HOUSING, push the red button on top of the frame.

This is the pressure release valve, when pushed down water will be released as this pressure reduces till there is no more water coming from the valve. It is now safe to remove the filter housing.

Check for the O RING and do not damage the O Ring when replacing. Use Vaseline to keep the o ring seated in place.



Remove the washable sediment filter.

Take the washable sediment filter and rinse it WITH CLEAN WATER till all the sludge and sediment is removed from between the filter fins. Once clean, refit the filter into the filter housing and refit and make sure not to over tighten the housing. Tighten by hand, if the system is turned back to filter and there is a leak from the housing, use the housing spanner provided (it is fixed on to the frame by steel cable) and tighten gently till leak stops. **If over tighten, on the next filter clean, it would be very difficult to remove the filter housing, AND COULD DAMAGE THE FILTER HOUSING.**

CHLORINE PILL ADDITION PROCEDURE**CHLORINE PILL REPLACEMENT – ONE AT A TIME**

CHLORINE is used to disinfect the raw water – kill bacteria. Check every 50m³ of water usage.

Remove the chlorine housing; this is the very small filter housing on the other side of the triple filter set. Once open, check the chlorine pill and if almost depleted **replace with one pill**. Do not add more than one pill at a time as this will cause the system to over chlorinate the water leaving a strong chlorine smell & taste.

IMPORTANT NOTE & VALVE SETTINGS FOR CHLORINE DOSING-Fig03

Fig03



There are two valves next to each other. These valves are never to be adjusted or moved.

These valves have been pre-set for the chlorine dosing; any tampering and the dosing would be compromised.

There are marks made into the plastic to make sure that if they were moved, they could be put back onto the original marks.

PLEASE DO NOT ADJUST THE VALVES. If any adjustments need to be made, please contact NIMBUS WATER TECHNOLOGIES.

Nimbus WaterTec has record of all systems installed on file for reference.

Nimbus PS20 Features & Benefits;

- Sediment treatment-remove sand & organic matter
- Carbon treatment – remove toxins & OM & improves taste
- Chlorine dosing - Kills bacteria



After the DIY maintenance has been completed, the bypass valve can now be closed and the two filter valves can be opened, for the system to function as before.

NIMBUS CONTACT DETAILS;



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