

METALTRAP ULTRA

DUAL FILTER SYSTEM INSTALLATION INSTRUCTIONS & FAQ's



General Tips:

- Always flush prior to use.
- Adjust red valve to slow flow if water is highly contaminated.
- For storage: Remove cartridges and pour out excess water in housing. Let cartridges dry before placing back in housing. Keep in cool, dry place. **DO NOT FREEZE.**
- For Algae or mildew build up in housing: rinse housing with water and 1 tbsp. of bleach let stand for 10 mins, rinse thoroughly. Let dry before storage.

Installation Instructions:

1. Verify All Parts: 2 Blue Filter Housings, 2 Black O-Rings (located inside Blue Housing Body), 1 SBF Cartridge, 1 METALTRAP™ ULTRA Media Cartridge, 1 White sealing washer (located on top of MTU Cartridge), 1 Valve Connector, 1 Alignment Ring on top of MTU cartridge (only applicable to size 14), 1 Gray Housing Connector, and 1 White Outlet/Hose Connector.
2. **FLUSH BEFORE USE!** Install the red valve connector into the port marked "IN" of the METALTRAP ULTRA filter housing.
3. Before placing MTU media cartridge in housing, ensure white sealing washer is located on top of the cartridge.
4. Place the MTU media cartridge inside the filter housing marked METALTRAP ULTRA. Verify black O-ring is in place inside the housing. Screw the housing lid onto the housing body by turning the housing clockwise. Connect the inlet hose to the red valve connector and flush the cartridge for a minimum of 1 minute to remove any media fines. Turn the water off.
5. Wait 30 seconds. Repeat flush for 15 additional seconds. Repeat this step until water runs clear and media fines are gone.
6. Remove and discard packaging from the SBF cartridge (sometimes shipped inside the 2nd housing). Verify black O-ring is in place inside the housing. **IMPORTANT: DO NOT** reconnect black housing lid until step 7.
7. Connect the SBF **black housing lid** to the MTU housing using the grey connector located on the MTU housing "OUT" Port.
8. Locate the pipe-threaded side on the white outlet hose connector. NOTE: There are 2 different types of threads on this white fitting. One side is **thicker** hose thread, and the other is the **thinner** pipe thread. The pipe thread side should be wrapped with Teflon tape to help prevent leaking. Install the **thinner** pipe-threaded side (wrapped in Teflon tape) of the white outlet hose connector fitting to the SBF housing lid on the port marked "OUT".
9. With the SBF cartridge inside the housing, screw the blue SBF housing onto the black SBF housing lid by turning clockwise.
10. Attach the outlet hose to the white hose connector located on the SBF housing port marked "OUT". Tighten all connection areas to assure water tightness. Hand tighten only! Use Teflon tape (AKA: Plumber's tape) if needed.
11. Test water regularly for metal content. Metal levels may vary daily. Adjust flow as needed to accommodate for higher metal levels.
12. You will know when it is time to replace a cartridge when the water flow rate begins to decrease or when the water taste or odor starts to change.

Troubleshooting & FAQ's

Q: I have noticed a drop in pressure and/or a reduced flow of water, and I don't think it's time to replace my cartridges.

A: The first step is to determine whether the flow is being restricted by the filter itself or by some other cause in the water line. Temporarily disconnect the water filter system and check the flow again. The next step is to double-check the installation of the filter. Verify there are no leaks and that all hose connections are properly connected on the in/out as indicated on the tops of the black housing lids. Remove all cartridges from the housings and check the flow again. The last step is to check the cartridges themselves. If you have a dual system, you'll need to check each of the cartridges separately. Simply remove one of the cartridges, and check the flow. Then repeat with the other cartridge. If it is determined that a new cartridge seems to have a restricted flow, it is possible that sediment or silt in the line or the water source has clogged the cartridge prematurely. Simply backwash this cartridge for 3-5 minutes by reversing the flow of water to help rinse out any sediment buildup.

Q: I have noticed a drop in pressure and/or a reduced flow of water.

A: Typically, a reduced flow is an indicator that it's time to change your filter. Once the filter cartridge is loaded with contaminants, the flow of water will naturally start to decrease. If you have a dual system, you'll need to determine which of the two cartridges needs to be replaced. Simply remove one of the cartridges, and check to see if the flow increases. Then repeat with the other cartridge.

Q: I still have an odor, discoloration and/or contaminants coming through.

A: The first step would be to double-check the proper alignment of the cartridges within the filter housings. It is very important that the METALTRAP ULTRA cartridge be aligned properly within the housing so the water flows directly through the center hole on the top of the cartridge. If it is not properly aligned, water can bypass the filter.

The next step would be to slow down your water flow by adjusting the valve on the inlet. Some water sources have higher levels of contaminants than others, and it is very important to allow for proper contact time within the filter to accommodate for these higher levels. **TIP:** The worse the water is, the slower the flow should be.

Lastly, it could be time to replace your filter. When odor and discoloration in the water returns, that is often a sign that you have reached the capacity of your filter cartridge.

Q: There is a leak.

A: The first step is to isolate the leak to determine exactly where it is coming from. Double-check all fitting joints are securely tightened. Keep in mind that Teflon tape needs to be replaced periodically to ensure a tightly sealed connection. Double-check the black O-ring is still in place in the top of the blue housing body. Ensure the cartridges are aligned properly within the housing and are not preventing the lid from being tightened all the way. Ensure the lid is securely fastened.

Q: My water source is extremely murky, cloudy, and/or loaded with sediment.

A: To accommodate for high levels of sediment in the water and to protect your METALTRAP ULTRA cartridge from clogging prematurely, simply reverse the order of your cartridges temporarily. Place the Sediment/Bacteria cartridge in the first housing and the METALTRAP ULTRA cartridge in the second housing. Rinse off the SBF cartridge regularly to prevent the larger pieces of sediment from clogging the cartridge prematurely.