
Sludge Drain Assembly

Installation: Sludge drain scenario applies to PBF90 and larger filters.

1. Using teflon tape on the threads, screw 1" threaded elbow into the bottom drain outlet underneath the bead filter. Be sure to align outlet with the notch in the base of the unit and keep the bulkhead tight.

NOTE: Tighten the threaded elbow into the bulkhead to ensure the fitting does not bear the weight of the filter when it is turned right side up. Trench under fitting or shim base of filter body if necessary.

2. Dry fit the 1" PVC pipe and ball valve to ensure fit.
3. Use PVC primer and glue to secure fittings into place.
4. Place filter right side up and set in final operating location.



Operation: Special procedure during backflush.

If your PBF filter unit is equipped with sludge drain and valve assembly follow these steps before “Backwashing” to clear heavier sludge that collects at the bottom of the tank. By clearing this sludge your filter will backwash better and will enhance filter performance.

1. **With pump still running** and control handle in the “FILTER” setting, open the ball valve on the drain assembly. Leave valve open for 15-30 seconds.

Note: Some beads may discharge with the waste.

2. Close valve.
3. Wait 10-20 seconds and repeat steps one and two until water runs reasonably clear from sludge drain.
4. Once sludge has been drained continue with regular “Backwashing” procedure found in owners manual.

Frequency of clearing the sludge from tank will depend on fish load of pond. Regular draining along with backwashing is recommended to keep filter operation at its optimum.