

ABK15 • ABK20

Introduction:

The air blower backwash assist is used to agitate the beads in the EasyPro pressurized bead filters. Using this process will ensure maximum filtration capacity and minimize time and water loss while backwashing the filter. With frequent backwashing beads in the filter will remain free from clumping and provide better biological filtration for pond or fish recirculation systems. Frequency of backwashing will vary depending on fish load, pond conditions or a variety of factors that may increase or decrease duration of time between backwashing.



Installation:

1. Unpack blower, blower assembly stand pipe and stabilizer bracket.
2. Thread elbow on bottom port.
3. Dry fit the stand pipe to ensure that the elbow faces the proper angle for placement of stand pipe at 90° vertical.
4. Secure elbow to stand pipe assembly with PVC primer and glue.
5. Attach the stabilizer bracket to head of filter. Install collar around stand pipe to secure upper section. Tighten all mounting points and check for stability before installing blower motor unit.
6. Once all mounting points are tightened and secured (filter head will be tightened down completely), the blower motor unit can be mounted to the stand pipe. This is a friction fit connection.
7. **IMPORTANT: CLOSE THE BALL VALVE** on the blower assist stand pipe before operating water pump in the bead filtration system.



Operation:

1. Shut the pump off.
2. Rotate the control head to "Rinse."
3. Open the ball valve on the Blower Assist stand pipe.
4. Turn on air blower for 30-60 seconds. You should notice a bit of water discharging from the "Waste" line and then air.
5. Turn air blower off.
6. Close the ball valve on the blower assist stand pipe.
7. Rotate the control head to "Backwash."
8. Turn pump on and backwash until clear water is visible (generally 30 to 90 seconds).
9. Turn pump off.
10. Turn handle to "Rinse".
11. Turn pump on. "Rinse" until clear (generally one to two minutes).

Repeat steps until water runs clear. While every system is different, generally if the system is backwashed regularly (weekly in most cases, more frequently with higher fish loads) the air blower system will only need to cycle once or twice to adequately clean the filter. More cycles may be needed if the filter has not been backwashed regularly to loosen beads properly.