

MAINTENANCE AND INSPECTION:

All Service Must Be Performed By A Qualified Service Technician.

1. Main Inline Strainer, Cleaning

- A. Connecting a 1” hose to the Strainer Flush Ball Valve and running it to a floor drain will allow the Main Strainer to be flushed out once or twice a day to extend the time between cleaning. It can also be opened to try and remove a clog/buildup.
- B. The pressure gauge on the main strainer should run about 15-18psi when the strainer is clean. When the gauge reaches 25 psi the strainer needs to be cleaned.
- C. To clean the main strainer turn all power off to the Turbojet.
- D. Open the Strainer Flush ball valve to drain the strainer.
- E. Remove the 3 black knobs and lift the cover off. Set aside for cleaning.
- F. Lift the strainer basket out of the strainer body. Take to a sink and flush, scrub with the blue brush provided until clean then rinse.
- G. Clean the interior of the strainer with the blue brush provided and rinse out with the Strainer Flush ball valve open until clean.
- H. Carefully remove the o-ring on the strainer top flange clean the o-ring and groove. Lightly grease the o-ring and replace it in the groove.
- I. Replace the cover and tighten the 3 black knobs. Do not over tighten.
- J. The strainer is ready for normal use again.

2. Backflush Procedures

2.1 Backflush of system w/hot water

- A. Turn off the Turbo Jet System.
- B. Connect a hot water line to the inlet side of the the back flush line and open the inlet and outlet ball valves.
- C. Open the outlet side ball valve of the back flush line.
- D. Close back flush ball valve located on end of tank past the heat exchanger.
- E. Turn on hot water. Allow water to run until heat exchanger is presumed clean.
- F. Turn of hot water. Carefully disconnect the hot water line and close the inlet and outlet ball valves.
- G. Open the main backflush ball valve located on end of tank past the heat exchanger.
- H. System is now ready for normal operation.