

The Webstone® Hydro-Core Manifold saves time, space, and leak paths for near boiler piping or other hydronic secondary loop connections. The manifold includes a pair of precision-crafted closely spaced tees to provide hydraulic separation. Each branch includes both a shutoff and a drain valve, greatly simplifying future service.

NOTE: These instructions are applicable only to H-x83x-2 series of Hydro-Core Manifolds, which include fully-integrated branch connections. For other Hydro-Core products, including Complete Near Boiler Piping kits and Manifold + Union kits, see www.webstonevalves.com/instructions.

IMPORTANT: Follow all federal/national, state and local codes when installing, testing, or performing work on systems. All parts are covered by a lifetime warranty against manufacturing defects provided they are installed by a licensed plumber and operated under normal working conditions. If you have any questions or comments, please contact us at (800) 225-9529 or visit us on the web at www.webstonevalves.com.

INSTALLATION

The Hydro-Core Manifold is designed for use in systems with primary/secondary piping configurations. The manifold itself is multi-directional and may be installed in any orientation, however, the branch connections are intended to operate as a supply/return pair for the same near boiler piping or secondary loop. Following the system run flowpath, the first branch connection on the manifold should be designated as the supply to the boiler/loop, and the second connection should be designated as the return from the same boiler/loop.

Make all piping connections in accordance with the Pro-Connect Press instructions (included or available at www.webstonevalves.com/instructions). Ensure hose drain valves are closed, and caps are in place before pressurizing the system. Verify all connections are leak-free after installation is complete.

SERVICING INSTRUCTIONS

The Hydro-Core Manifold offers several beneficial features for a system's startup and future maintenance, including isolation and power purging of the boiler or system loops.

IMPORTANT: Check with the manufacturer of your boiler for specific guidelines and maintenance requirements for the unit installed. Should there be a discrepancy or conflict with these instructions, follow the boiler manufacturer's instructions.

PURGING/FILLING

Materials needed:

- Two hoses w/ 3/4" hose thread connection
- A water source or glycol solution
- Bucket
- Ability to activate the boiler/secondary loop circulator pump

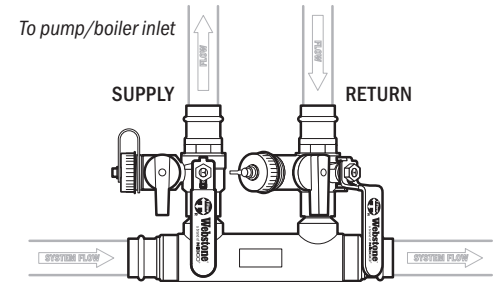
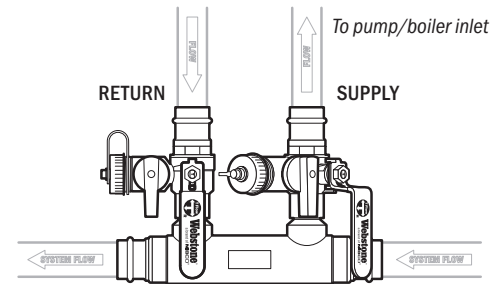
1. Close the supply and return lever-handled ball valves.
2. Remove both drain valve caps, connect a hose to each drain connection.
3. Connect boiler/loop supply side hose to the fluid. Boiler/loop return hose should lead to a bucket.
4. Turn the drain handles on both drain valves to the open position.
5. Turn on the water source, if filling with fresh water.
6. Activate the pump designated for the boiler or piping loop. Run until excess air has been purged from the boiler/loop and the water coming from the drainage hose appears clear.
7. Turn off the pump. Turn off the water source, if applicable.
8. Close the two drain valves, remove the hoses, and replace the caps.
9. Return the lever-handled ball valves to their normal operating position.

DESCALING

To descale, follow the purging/filling instructions above, using the descaling solution recommended by the boiler manufacturer. Continue running the pump until the loop is sufficiently cleaned, as recommended by instructions provided by boiler manufacturer or descaling solution.

Once the loop is sufficiently clean, the descaling solution will need to be flushed from the loop. Following the purging/filling instructions above, purge the loop with fresh water into a bucket until the drainage runs clear. Dispose of the cleansing solution safely and properly.

INSTALLATION



SERVICING

