BOILER VENT VALVE™

INSTALLATION & SERVICING 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 Webstone® Pro-Pal Boiler Vent Valve should be installed on the pressure relieve valve (PRV) port of the boiler, provided that it is at a high point in the system where trapped air is likely to accumulate.

The valve must be installed to ensure the automatic air vent is oriented vertically at the top of the unit as shown.

Before assembly, ensure union gasket is in good condition and placed in the location shown. Apply PTFE tape to all threaded NPT connections.

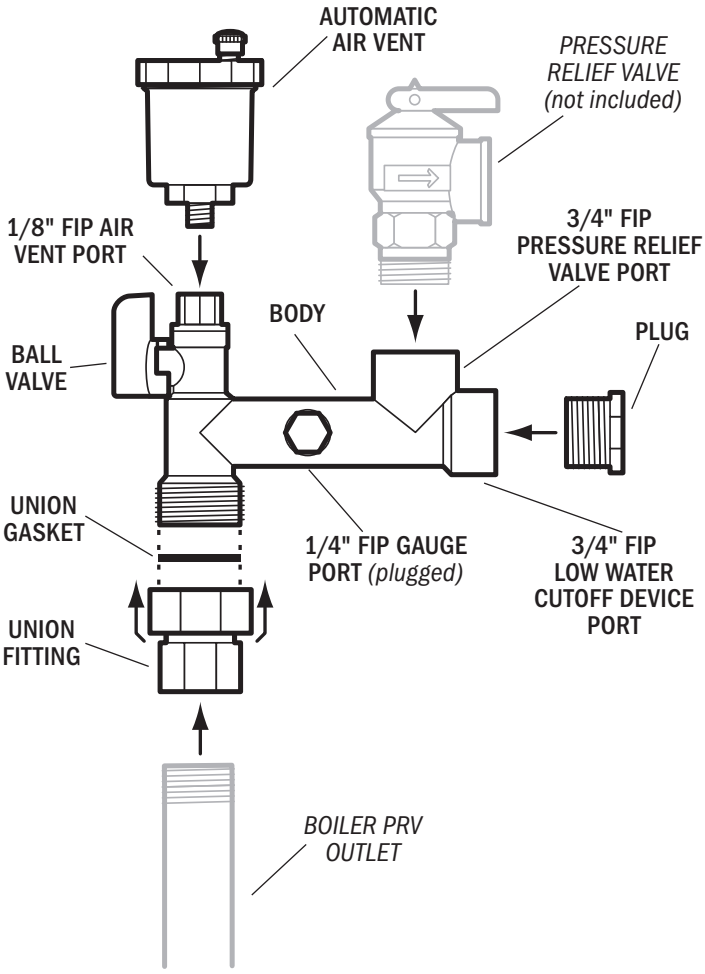
Includes 3/4" close nipple for connection to FIP boiler outlet or PRV.

WARNING: Components are loosely assembled. All pressure joints should be fully assembled and checked during product installation. If not using the gauge ports and/or low water cutoff port, the included plugs for each port MUST be properly installed to prevent leakage.

1. Connect the 3/4" FIP Union Fitting to the boiler's PRV outlet. Install body on to union fitting, with gasket placed as shown. Orient body in desired direction and tighten union nut.
2. Install the automatic air vent into the 1/8" port at the top of the unit.
3. Install the pressure relief valve (provided by the boiler manufacturer) into the 3/4" FIP PRV port.
4. If so desired or required by local codes, a low water cutoff (LWC) device may be installed into the plugged 3/4" FIP port at the end of the unit. Refer to the LWC manufacturer for guidance on installation.
5. Verify that the integrated ball valve is in the open position and all connections are leak-free after installation is complete.

Note: When filling the system, ensure vent cap is tightened to help prevent possible damage to the unit. The air vent is designed to extract microbubbles and static air, it is not intended to be used to bleed the entire system.

After the system is filled and a manual bleed performed, loosen the vent cap to vent any air that accumulates in the future automatically.

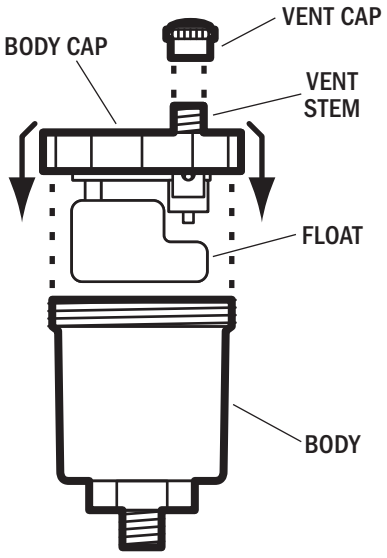


AIR VENT SERVICE

Regular maintenance of the air vent is not required. However, over time debris may collect in the unit and impact performance. Should this occur, use the following instructions to clean the unit:

CAUTION! *System fluid under pressure can be very hazardous.* ***Actuate the ball valve to isolate the vent from system before inspecting the vent.*** *If the vent cannot be isolated, reduce the system pressure to zero before beginning any maintenance. Water temperatures above 100°F can also be very hazardous. Allow the system to cool to below 100°F before proceeding. Use caution and maintain a safe distance from the vent while it's open. Failure to follow these instructions may cause serious bodily injury or property damage.*

1. Using two strap wrenches, hold the body in place and carefully remove the body cap, exercising caution to avoid damage to its O-ring. Lift up on the vent stem to remove the vent head assembly.
2. Use a mild detergent or water/vinegar solution to clean the vent head assembly. If there is excessive build-up, soak the vent head assembly in mineral spirits for several hours and then clean thoroughly.
3. Reassemble the air vent.
4. Return the system to operating condition.



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