



# AIR SEPARATOR

w/ Removable Vent Head & Coalescing Medium

# INSTALLATION & SERVICING INSTRUCTIONS

## INSTALLATION INSTRUCTIONS

The Webstone Air Separator should be installed at the point where the temperature is the highest (i.e. after the boiler and/or heat exchanger) and the pressure is the lowest (i.e. before the pump suction). It is recommended that an expansion tank be mounted before the pump suction as well.

For near boiler piping installations, install on a boiler outlet/system supply line for optimal performance. Although less efficient, the unit may be installed on a boiler return line for difficult installations.

The Air Separator must be installed in a straight run of horizontal or vertical piping and positioned precisely upright. Designated lengths of straight piping before and after the unit are not required. Neither side is designated as an inlet or outlet; the flow may be directed in either direction. Do not exceed a 50% water/glycol ratio in the system.

## SERVICE INSTRUCTIONS

Regular maintenance of the unit 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. Before removing the vent head for inspection, reduce system pressure to zero, or isolate the Air Separator from the system. Water temperatures above 100°F can also be very hazardous. Allow the system to cool to below 100°F before proceeding. Keep body away from valve while open. Failure to follow these instructions may cause serious bodily injury or property damage.

1. Using two strap wrenches, hold the upper body in place and remove the vent body cap ring, taking care not to damage the 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 buildup, soak the vent head assembly in mineral spirits for several hours and then clean thoroughly.
3. If cleaning the coalescing material is also required:  
While the vent head assembly is removed, remove the upper body by using two strap wrenches on the lower and upper bodies of the air vent. Take care not to damage the o-ring.
4. Remove the coalescing medium from the lower vent body.  
**CAUTION!** Coalescing Medium is very sharp
5. Rinse thoroughly with mild detergent or water/vinegar solution to remove any buildup that may have occurred.
6. Examine the o-ring before installing on the air separator to ensure no damage has occurred.
7. Reassemble the air separator.
8. Return system to operating condition.
9. If system was completely drained, minimal manual bleeding may be required to ensure the system is completely full of water and able to circulate.