



AIR SEPARATOR

Replacement Vent Assembly

INSTALLATION INSTRUCTIONS

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. Reduce system pressure to zero or isolate the Air Separator from the system.
2. Loosen vent cap (5) to ensure air is properly vented.
3. Using two strap wrenches, hold the upper body (2) in place and slowly remove the vent body cap ring (4). Do not discard the ring.
4. Lift up on the vent to remove the original vent head assembly.
5. Inspect the upper chamber of the air separator and remove any debris.

Cleaning the Coalescing Medium (if required)

- A. While the vent head assembly is removed, remove the upper body (2) by using two strap wrenches on the lower (1) and upper (2) bodies of the air vent. Take care not to damage the o-ring.
 - B. Remove the coalescing medium from the lower vent body.
CAUTION! Coalescing Medium is very sharp
 - C. Rinse thoroughly with mild detergent or water/vinegar solution to remove any buildup that may have occurred.
 - D. Examine the o-ring before re-assembling the air separator to ensure no damage has occurred.
 - E. Install a new o-ring if necessary and re-assemble the upper (2) and lower (1) bodies of the air separator.
6. Lower the replacement vent assembly into the upper body while carefully guiding the float (12) onto the float alignment pin (13).
 7. While supporting the air separator from underneath, press down on the outer edges of the body cap (3) until the o-ring is fully seated and the top of the cap is level.
 8. Replace the vent body cap ring (4) and tighten using a strap wrench while holding the upper body (2) with another strap wrench.
 9. Return system to operating condition.
 10. If system was completely drained, minimal manual bleeding may be required to ensure the system is completely full of water and able to circulate.

