

**SERIES AE 1800 & AE 1800R  
AIR ELIMINATOR  
INSTALLATION INSTRUCTIONS**



428 Jones Boulevard Phone: (610)495-5131  
Limerick Airport Business Center Fax: (610)495-5134  
Pottstown, PA 19464 www.watsonmcdaniel.com

**HOW IT WORKS**

The Air Eliminator relies on the weight of the float and lever assembly to automatically pull the stainless steel ball valve off the seat, allowing the air to escape from the system. When the liquid level rises, the buoyant force created by the float actuates the lever mechanism to the closed position, preventing the loss of any liquid to atmosphere.

**INSTALLATION**

1. The Air Eliminator should be mounted vertically at the highest point of the piping system or equipment where air collects.
2. Before installing the air eliminator, blow out piping thoroughly to remove loose scale and dirt. Use pipe dope or Teflon tape sparingly when attaching the air eliminator to the pipe. Observe the pressure limitations shown on the air eliminator label.
3. Discharge piping should be amply sized to avoid excessive back pressures.

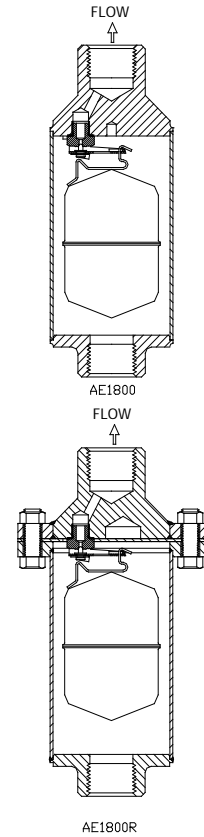
**MAINTENANCE**

1. Isolate air eliminator from pressure before attempting repair.
2. Remove from line and clean out seat with small diameter wire if it appears to be clogged.
3. The AE 1800R can be disassembled for inspecting seat and float for wear or damage. Replace as necessary.
4. Replace the gasket each time the end fitting is mounted onto the housing.
5. Make sure the seat and flange bolts are properly tightened when reassembling.

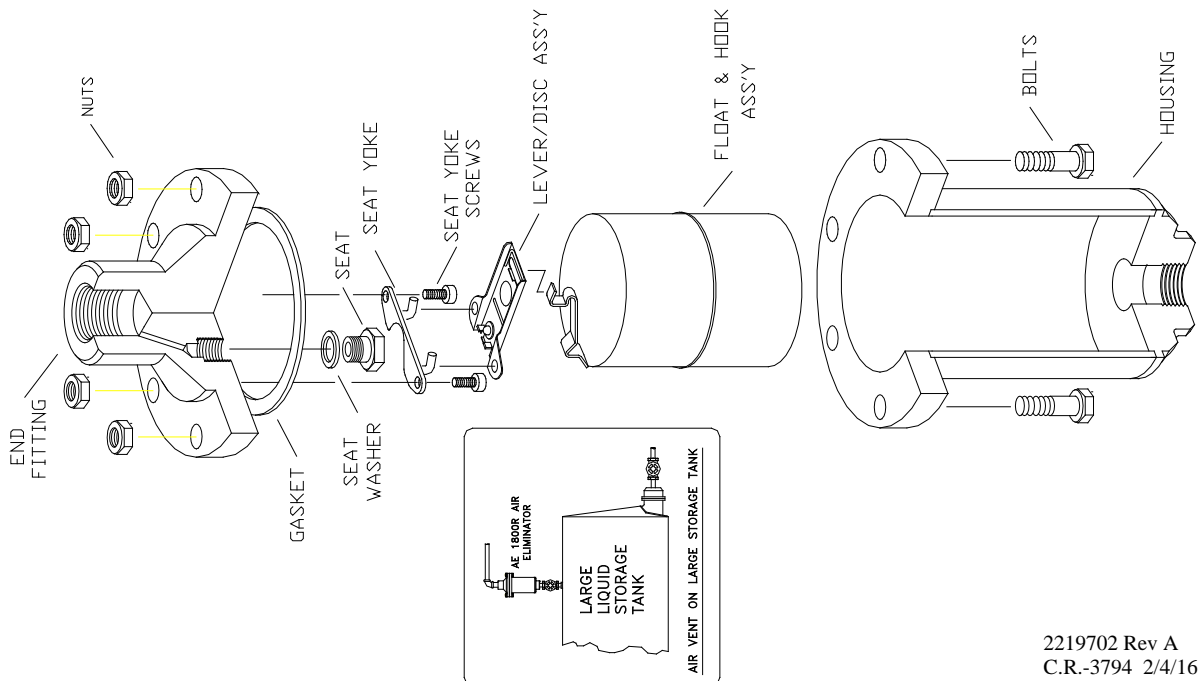
**Ordering Spare Parts**  
Specify the description of the part. Indicate the Size and Model Number which are shown on the name plate.

Typical Specification: Lever & Valve Assembly for 3/4" x 1/2" AE 1801R Air Eliminator.

For more detailed installation instruction, see full service manual online at [watsonmcdaniel.com](http://watsonmcdaniel.com) or call the factory at



**AE 1800R ASSEMBLY**



2219702 Rev A  
C.R.-3794 2/4/16