# AIR SEPARATORS

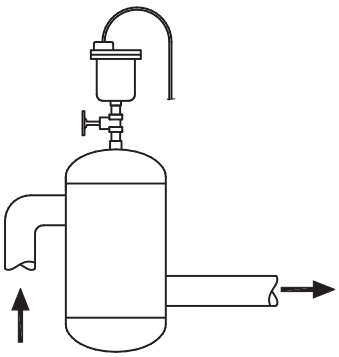
## INSTALLATION

The air separation and elimination package should be installed at the top of risers to protect the system and on the suction side of the system pump to protect the pump.

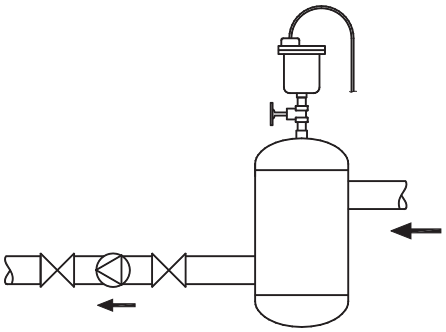
The No. 720 Air Elimination valve should be installed at high points in the piping and components in the system where air could accumulate. The location should be accessible for inspection and maintenance.

Shut off valves should be provided to facilitate cleaning and replacement of the float and pilot assembly if necessary.

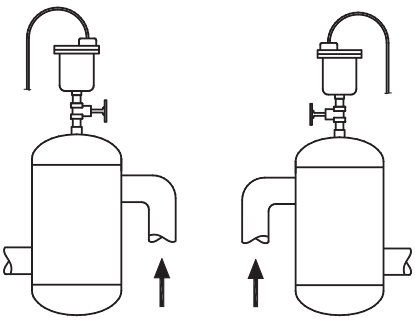
Because vapor many times escapes with system air and can condense, good practice indicates that a line should be piped to drain, sink or container which could be readily checked by maintenance personnel.



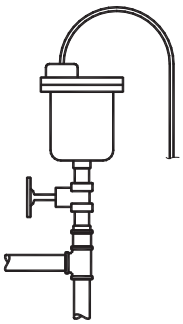
**Step 1**
The air separator and air elimination valve installed at the top of the supply riser where most air bubbles will form.



**Step 3**
An air separator and air elimination valve should be installed on the suction side of the pump to prevent entrained air bubbles from causing cavitation.



**Step 2**
Where two or more supply risers are used, an air separator and air elimination valve should be installed at the top of each to protect lateral piping and components fed by that riser.



**Step 4**
An air elimination valve should be intalled at high points in piping and on all components in the system where air could accumulate

Thrush Co. Inc.
P.O. Box 228 • 340 West 8th St.
Peru, IN 46970 (765) 472-3351
www.thrushco.com