

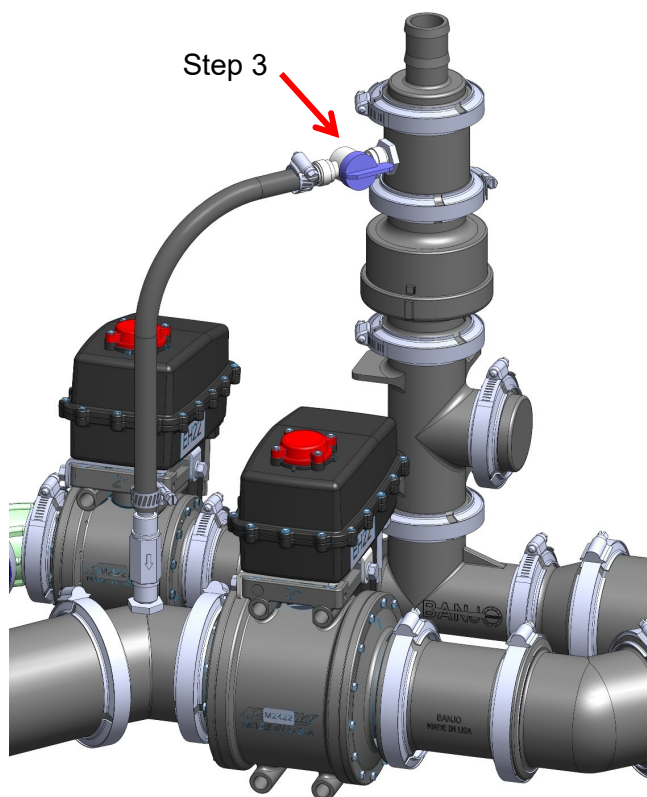
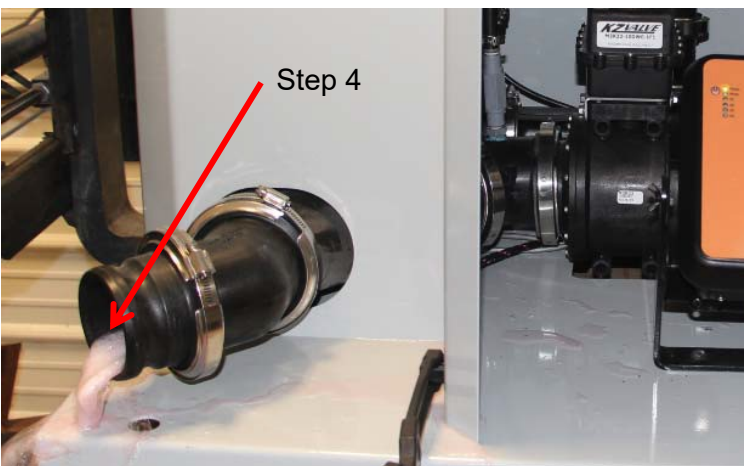
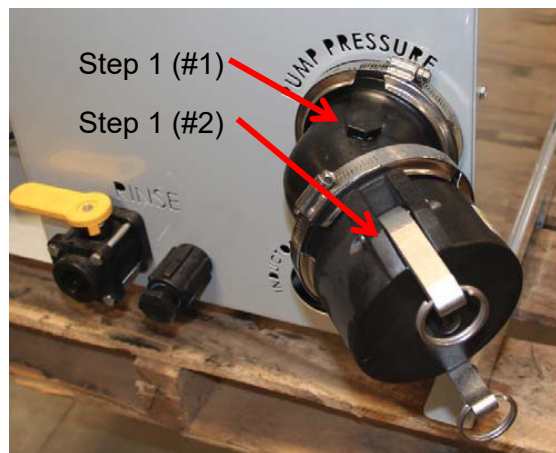


# QuickDraw Winterization Procedure

The following is the Winterization Procedure for QuickDraw. Use RV AntiFreeze or 28% UAN. Five gallons should be sufficient to winterize the system. This winterization process is best used during early spring and late fall periods when still actively using the system to tender. Over-winter it is recommended to keep your QuickDraw inside a temperature control building. If this is not possible, utilize winterization procedure and then remove Control Console (User Interface) and keep inside.

**NOTE: Using only compressed air will not get all water out of the QuickDraw plumbing. To ensure no damage occurs from freezing, it is necessary to use antifreeze or 28% UAN solution.**

1. To pump antifreeze into the QuickDraw, attach the hose from the Winterization Pump Kit on previous page to the 3/8" port tapped on the QuickDraw inlet. Note: if using an electric pump, you'll need to stop flow from going to your transfer pump. This can be done by installing a valve that can be closed or by disconnecting the inlet hose from the transfer pump to the QuickDraw and putting a 3" Cap on the Inlet (#2).
2. Use **Manual Controls** on the QuickDraw controller to open **Rinse Valve**
3. Open "Winterization Vent Valve" (#3 below)
4. Pump Antifreeze or 28% UAN into the QuickDraw pump inlet until product is discharged from QuickDraw Outlet (#4 below). The winterization pump kit is provided with wiring harnesses and a manual switch for pump operation.
5. Use **Manual Controls** on controller to close **Rinse Valve**
6. Use **Manual Controls** to open **2" Venturi Valve** and **3" By-Pass Valve**. Antifreeze should discharge from QuickDraw outlet when each of these valves open. If Antifreeze does not discharge when the valves open, pump additional antifreeze until it visibly discharges from QuickDraw outlet.
7. Open the drain valve at the bottom of the Mass Meter and Product Control Valve Stack to drain the system.
8. Close Winterization Vent Valve and Drain Valve on the bottom of the Mass Meter





# QuickDraw 3000 Winterization Procedure

The following is the Winterization Procedure for QuickDraw. SureFire recommends RV anti-freeze or windshield washer fluid. Five gallons should be sufficient to winterize the QuickDraw internal plumbing. This winterization process is best for early spring and late fall periods when still actively using the system to tender. For winter long storage it is recommended to keep your QuickDraw inside a temperature control building. If this is not possible, utilize winterization procedure and then remove Control Console (User Interface) and keep inside.

**NOTE: Using only compressed air will not get all water out of the QuickDraw plumbing. To ensure no damage occurs from freezing, it is necessary to still use antifreeze prior to blowing out with air.**

1. To pump antifreeze into the QuickDraw, attach the hose from the Winterization Pump Kit on previous page to the 3/8" port tapped on the QuickDraw inlet. Note: If using an electric pump, you'll need to stop flow from going to your transfer pump. This can be done by installing a valve that can be closed or by disconnecting the inlet hose from the transfer pump to the QuickDraw and putting a 3" Cap on the Inlet (#2).
2. Use **Manual Controls** on the QuickDraw controller to open **Rinse Valve**
3. Open "Winterization Vent Valve" (#3 below)
4. Pump Antifreeze or 28% UAN into the QuickDraw pump inlet until product is discharged from QuickDraw Outlet (#4 below). The winterization pump kit is provided with wiring harnesses and a manual switch for pump operation.
5. Use **Manual Controls** on controller to close **Rinse Valve**
6. Use **Manual Controls** to open **2" Venturi Valve** and **3" By-Pass Valve**. Antifreeze should discharge from QuickDraw outlet when each of these valves open. If Antifreeze does not discharge when the valves open, pump additional antifreeze until it visibly discharges from QuickDraw outlet.
7. Open the drain valve at the bottom of the Mass Meter and Product Control Valve Stack to drain the system.
8. Close Winterization Vent Valve and Drain Valve on the

