

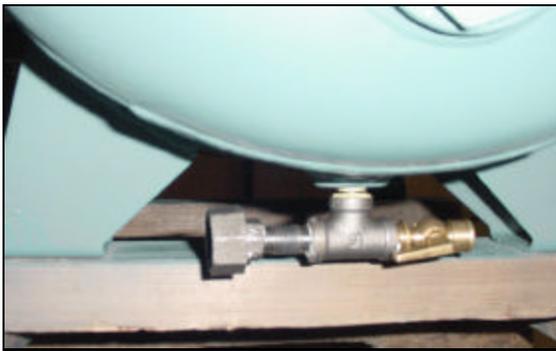
APCX51-02-000 Drain Valve Installation Instructions

PRODUCT DESCRIPTION

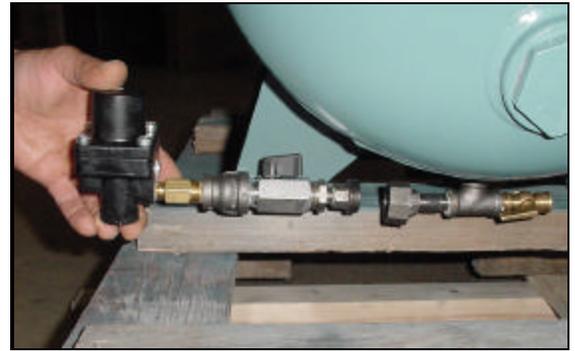
The APCX51-02-000 drain assembly automatically drains liquid water and oil from compressed air receivers and systems. The drain valve automatically opens and shuts every time the system/receiver pressure drops approximately 10 psig during the compressor cycle. It is recommended that the compressor

on and off set points are 15 psig or more apart from each other to insure proper drain valve operation.

An Isolation valve and petcock are included on the assembly. This allows for manual draining of the receiver and removal of the drain valve for maintenance.



Pressure Range
30 --200 psig
Min. & Max. Operation Temps.
35°F to 150°F
Minimum Differential Pressure
10 psig



INSTALLATION

CAUTION

Make sure the receiver or system pressure is at 0 psig, before installing the drain valve assembly.

1. Locate the lowest point in the receiver tank that has unregulated pressure. (The lowest point usually has a petcock factory installed.) Do not install on a regulated pressure line, or the drain valve will not work.
2. Insure there is adequate clearance below the receiver to install the drain assembly. The drain assembly is shipped with four vibration isolator pads, which can be installed under the receiver feet to increase clearance above the floor.
3. Prepare the drain coupling on the bottom of the receiver prior to installation by draining all liquid water.
4. Install the tee with petcock and half union in the drain coupling located at the bottom of the receiver. Use pipe sealant compatible with air service to insure a leak free joint.
5. Assemble the remainder of the drain valve assembly to the half union on the receiver, as shown above. Always mount the bonnet portion of the drain up as shown.
6. The drain outlet should be run to proper drain or collection point according to local requirements.