



Upgrade Kit

for Ceiling Column Quick-Connect Valve

Installation Instructions

WARNING:

To prevent cross connection of gases, use extreme caution when installing replacement valves. Check to be certain gas identification labeling and gas-specific features of the replacement valve match the valve being replaced.

Removing the Old Valve

1. De-pressurize the hospital pipeline system supplying gas to the valve being replaced.
2. Remove the eight cover plate screws from the ceiling column base. If the column is a manually operated (retractable model), the operating handle must be removed. Remove the two flange screws and loosen the Allen screw on the actuator rod to remove the handle (Figure 1). Vacuum operated retractable columns require no handle removal.
3. Pull down on the cover plate until the valves are accessible (Figure 2).
4. Disconnect the Diameter-Index Safety System (DISS) hose connector from the valve (Figure 3).
5. Remove the locking nut from the valve connector allowing the spacer and valve to be removed from the cover plate. Discard the old components.

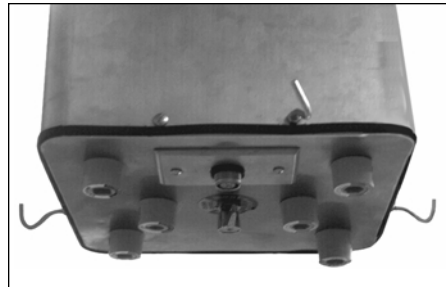


Figure 1

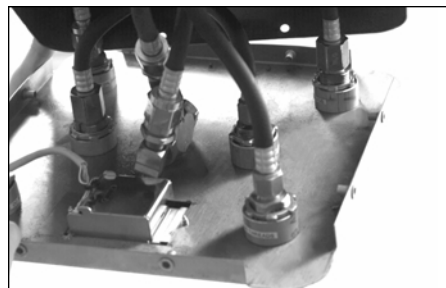


Figure 2

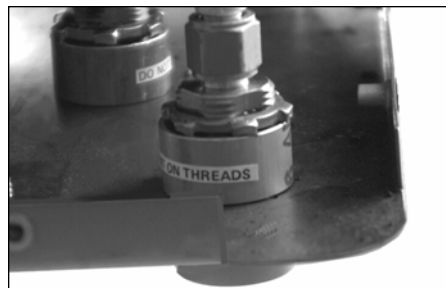


Figure 3

Installing the New Valve

1. Remove the nut and spacer from the new valve, then insert the valve into the cover plate. The square feature on the washer shall fit into the cover plate square opening. Verify that the valve release push plate is oriented to match that of the other valves in the cover plate (Figure 4).
2. Assemble the spacer onto the valve and thread the locking nut on the valve. Tighten the locking nut using adjustable pliers (Figure 5).
3. Connect the DISS hose connector to the valve and tighten. Verify that the gas service connection is correct (Figure 6).
4. Pressurize the valve and check for leaks using an oxygen-compatible leak detection solution.
5. Reinstall the cover plate using the eight mounting screws. Verify that the black plastic trim is correctly oriented on the edge of the column shroud.

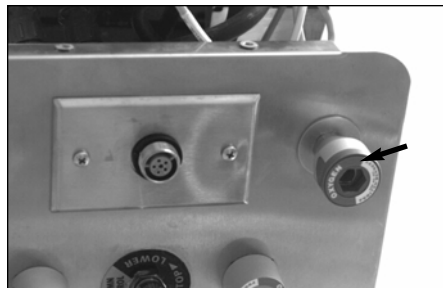


Figure 4

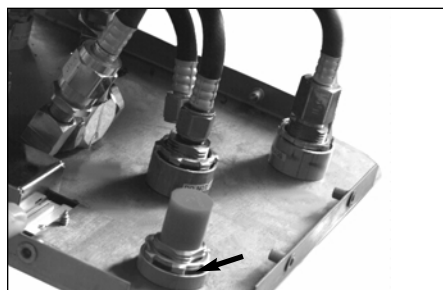


Figure 5

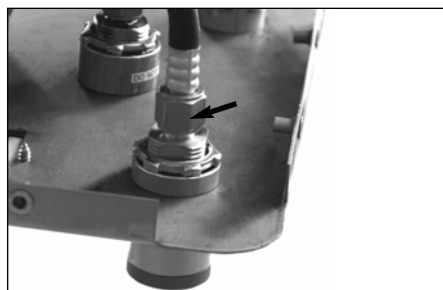


Figure 6