

Instructions

Water Regulating Valve Replacement

This valve may be larger than the valve it replaces. For most models it is a direct replacement and no modifications are needed. The known exceptions are CU1526, CU2026 and CU3030. On those models:

1. Disconnect water supply from water regulating valve.
2. Recover refrigerant.
3. Remove original valve mounted to back panel.

Note: To mount to the back panel the new valve must be tilted to the side to clear the base and bin. Prior units have 2 holes above the valve for mounting; only one can be used when the valve is tilted.

4. Install new valve onto the back panel but, if replacing a vertically mounted valve, tilt the new valve to align ONE mounting screw to secure the valve to the back panel. Install the one screw. If replacing a tilted valve mount as before. The valve will operate properly when installed at an angle.
5. Attach to refrigeration system.
6. Evacuate system.
7. Weigh in nameplate charge.
8. Reconnect water supply.
9. Operate machine, check condenser water outlet temperature. It should be about 110 degrees F. If not, connect discharge gage and adjust valve:

R-502 or R-404A - 240 PSIG (250 for 1/2 inch valves)

R-22 - 220 PSIG

R-12 or R-134a - 135 PSIG