

## Press Connection Valve for Copper Pipe



### Installation:

1. Using a pipe cutter, squarely cut the pipe to the desired length.
2. Eliminate the internal and external burrs with a file or deburring tool.
3. Clean any foreign matter such as dirt, oil, or grease that are found on the tube.
4. Make sure that the O-ring seals are free of any foreign matter and that they are in the correct place.
5. Insert the pipe into the valve until it reaches the full shoulder depth position. Mark the copper pipe at this depth. If the pipe is not cut square and de-burred, the pipe will seat improperly and the o-ring could be damaged.
- \*6. Place the proper sized jaw into the tool. Align the jaw around the valve connection, squarely with the seal bead. Suggested press tools are Ridgid RP 340 or Milwaukee Logic M18
- \*7. Actuate the press tool, allowing it to complete the full press cycle around the seal bead.
- \*8. Release and remove the jaw from the connection.
9. Inspect the connection for misaligned tubes, a tube not fully inserted, depth marks, loose connection, or an incorrect jaw alignment with the fitting.
10. If any of the problems listed above are found, then repeat steps 1-11.
11. Test the system for leaks under low pressure.

-Install on rigid Copper Pipe ONLY.

-DO NOT install on coiled, soft-walled, copper tube

\*Note: Valves larger than 2" require XL jaws and rings.

### Operation:

Rotate the valve handle in the direction indicated for open or close.

### Maintenance:

Normal wear of the stem can be fixed by tightening down the packing nut. For easier access to the packing nut, the handle nut and handle may need to be removed. Tighten the packing nut clockwise in 1/8 increments until the leaking stops. Reinstall the handle and handle nut once complete.

#### \*XL Press:

Follow steps 1 thru 5

- \*6. Place the proper XL ring squarely around the connection.
- \*7. Using the press tool on the XL ring flats, actuate the press tool to complete the press connection.
- \*8. Remove the XL ring from the connection

Return to steps 9-11



**\*\*Installations are to be performed by a qualified plumber**