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**ULTRAPRESS**<sup>TM</sup>

## ½" to 3" BA-480B / BA-490B\* Product Installation Instructions

1. Cut copper tube, being sure to cut the tube square to tube centerline.
2. Deburr pipe on the inside and outside to prevent damaging of O-ring. Clean the tube end of all dirt, oil and grease.
3. Check both ends of valve for proper O-ring insertion. No oil or lubrication of O-ring is needed.
4. Using a twisting motion, slide valve onto the pipe until it firmly stops.
5. Mark insertion depth on tube.

### **To avoid injuries, keep fingers away from jaws during pressing cycle**

6. Using recommended tool (Rigid Pressing Tool):
    - Insert correct size jaws into tool (follow manufactures instructions)
    - Squeeze jaw arms to open jaw set.
    - Place open jaws around valve end. Make sure the contour of the jaw set is properly aligned with the contour of the valve end. Check insert depth.
    - Make sure the tool is square to the tubing and press the trigger. Once the pressing cycle begins the rollers contact the jaws arms which will clamp the valve end to the tubing. Releasing the trigger will not stop the pressing process. This assures consistent, repeatable pressed connection integrity.
    - Press jaw arms to open jaw set, remove tool from tube.
  7. Fitting must be repressed if tool stops in the middle of the pressing process. Failure to do so may result in a leaking connection.
  8. Inspect the pressed fitting. Look for the following areas :
    - Misaligned tubes
    - Not fully inserted tubes, double check depth marks from step 5.
    - Incorrect jaw alignment with the fitting.
- If one or more of these problems are found then repeat the pressing process.
9. Test system in accordance with the normal practice and local codes. Fitting Valves are rated @ 200 CWP.

Note: Product is designed for copper tubing systems only, Types K, L, & M per ASTM B88.  
\* 2 ½ and 3" are designed to work with XLC Installation jaws.

The information presented on this sheet is correct at the time of publication. Milwaukee Valve reserves the right to change design, and or material specification without notice. For the most current information access [www.milwaukeevalve.com](http://www.milwaukeevalve.com)  
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