



## RED-WHITE VALVE CORP. EzPress Valve Installation Instructions

- 1.-Using a tube cutter or similar device, cut the copper pipe to appropriate length, making sure that the cut is as square as possible. EzPress valves are designed to be used with "K", "L" & "M" grades of pipe/tubing. (**Note:** Size 2-1/2" to 4" Fig # 5020 valves are compatible with XL series press jaws only. Size 2-1/2" to 4" Fig # 5020ABX and 5520ABX valves are compatible with XLC series press jaws only. Please verify you are using a proper press jaw!).
- 2.To ensure proper operation, a minimum distance of 5 pipe diameters is required between any solder connections and an EzPress joint. Extreme care should be taken to ensure that any heat applied to nearby fittings does not reach the EzPress joint. It's preferable to perform all solder connections first, allowing the pipe to cool completely before installing any EzPress joint. A minimum of 2 pipe diameters spacing is recommended between any two press joints to ensure proper sealing of the copper pipe.
- 3.Completely deburr both the inside and outside of the pipe, taking care to remove any raised chips or debris. If installing on existing pipe, it may be necessary to lightly sand the pipe ends to remove any scale or buildup.
- 4.Inspect to ensure that the pipe and valve ends are free from any foreign material or debris. Special care should be taken to also ensure that the o-ring in the valve end is seated correctly. For sizes 2-1/2" to 4" (both XL and XLC series press jaws) also verify correct seating of metal rings or segment rings.
- 5.While using a twisting motion, slide the valve onto the pipe (Fig. # 5020, 5020AB, 5024, 5029, 5520AB, RW-320AB, 250, 3430AB, 2420F, 2422F) or slide the fittings onto the valve (Fig. # 5023). No lubricants or sealant should be used on either valve style (**Note:** Preferred installation orientation for Fig. # 250 valves is in the horizontal position).
- 6.It may be necessary to mark the insertion depth of the pipe/valve to ensure that the joint doesn't move prior to the crimping process. Fig. # 5020, 5020AB, 5024, 5029, 5520AB, RW-320AB, 250, 3430AB, 2420F, 2422F valves have internal stops to limit the insertion depth of the pipe. When using Fig # 5023 valves, typically the fitting stop will limit the insertion depth. When using fittings that do not contain internal stops, care should be taken to ensure that an adequate distance is left on either end of the fitting to allow for a proper joint.
- 7.Using the appropriate crimp tool, follow the tool manufacturer's instructions for proper calibration and use. Take care to ensure that the tool is in proper working condition and that the crimping jaws are clean and free from damage or defects.

Contact RED-WHITE VALVE CORP. for specific installation or technical information.



Fig. 2420F



Fig. 250



Fig. 5520AB



Fig. 5020

Fig. 5023



Fig. RW-320AB



Fig. 3430AB

**RED-WHITE VALVE CORP.**

20600 Regency Lane • Lake Forest, CA 92630 • Tel: 800-222-RWVC(7982)

Fax: 949.859.7200 • [redwhitevalvecorp.com](http://redwhitevalvecorp.com)