

RED-WHITE VALVE

Figure # 5070 EzGrip Valve Installation Instructions



EzGrip valves are designed to be used with copper K,L & M hard drawn tubing (ASTM B88), CPVC pipe in CTS sizes (ASTM D-2846) and PEX A,B & C tubing (ASTM F876 & F877). A support insert is required on PEX installations. Ezgrip valves are **NOT** suitable for service on PEX tubing with an oxygen barrier on the outer layer or PEX-AL-PEX tubing. Note: Maximum operating temperature for the EzGrip valve is 180 degrees fahrenheit.

1. To ensure proper operation, a minimum distance of 5 pipe diameters is required between any solder connections and an EzGrip joint. Extreme care should be taken to ensure that any heat applied to nearby fittings does not reach the EzGrip joint. It is preferable to perform all solder connections first, allowing the pipe to cool completely before installing any EzGrip joint. A minimum of 2 pipe diameters spacing is recommended between any EzGrip joints to ensure proper sealing and the ability to remove the valve.
2. Using an appropriate cutting device, cut and ensure that the ends of the tubing are square and free from burrs on both the inside and outside of the tubing.
3. Inspect and ensure that there are no scratches, gouges or any form of damage on the circumference of the tubing within 1inch of the cut ends. Damage in this area may cause leakage. A light bevel or chamfer should be applied to the outside diameter of all pipe materials prior to installation. This will protect the o-ring seal from damage during installation.
4. Check the valve for any signs of damage to the EzGrip cartridge and/or any foreign material or debris that may be inside the valve.
5. For PEX installations: Install the supplied PEX support insert into the PEX tubing and then insert the tubing into the valve per item # 6 below.
6. Using a straight pushing movement, push the tubing fully into the valve and ensure that it is engaged properly. **Note: The tubing must be pushed completely inside the valve and fully engage the metal teeth as well as the O-ring seal to obtain a proper joint.**
7. To reposition the valve, use light force to simply rotate to the desired orientation
8. To remove the valve, use the appropriate section of the removal tool (pictured below) and while pushing this tool against the exposed plastic collar of the valve, remove the tubing. Note: This removal tool also features an integral packing nut adjustment wrench.

Contact Red-White Valve for specific installation or application support.

Removal tool



PEX support insert



Fig. 5070

