

## Product Instructions

# Viega ProPress® Manual Balance Valves ½" to 2"

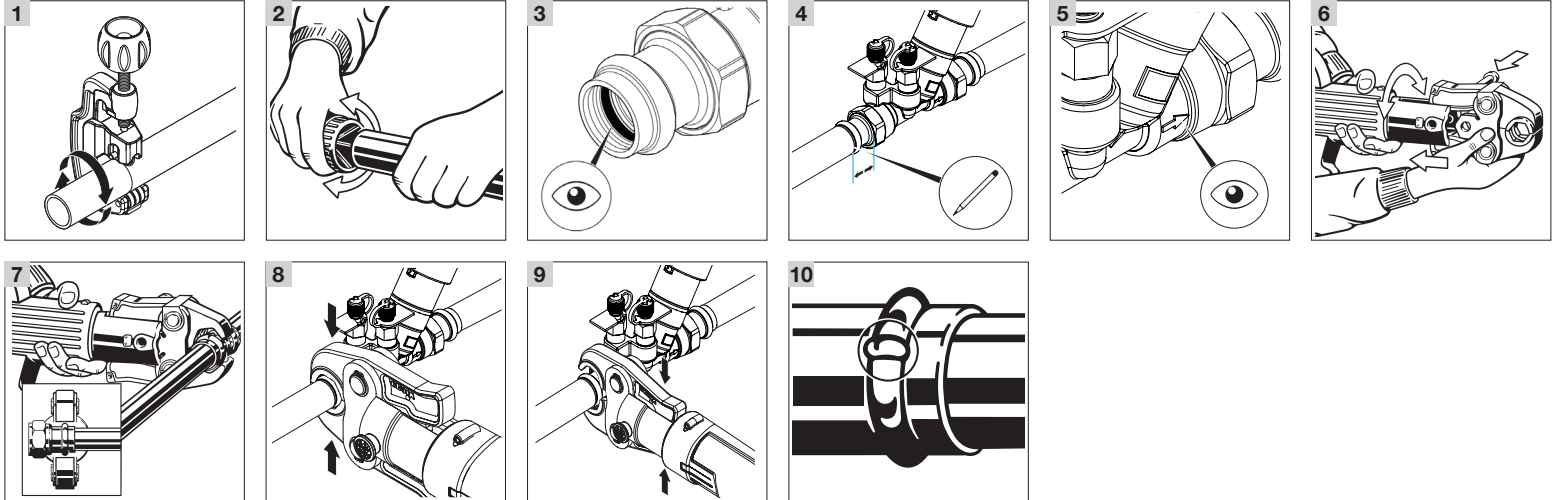


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PI-PP 530966 0322 ProPress Manual Balance Valves ½ to 2



EN

## Viega ProPress Manual Balance Valves ½" to 2"

For Hard Copper Tubing in ½" to 2" and Soft Copper Tubing in ½" to 1¼"

**!** Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

**!** **DANGER!** Read and understand all instructions for installing Viega ProPress fittings. Failure to follow all instructions may result in extensive property damage, serious injury, or death.

**1** Cut copper tubing square using displacement-type cutter or fine-toothed saw.

**i** Cut tubing a minimum of 4" away from the contact area of the vise to prevent possible damage to the tubing in the press area.

**2** Remove burr from inside and outside of tubing to prevent cutting the sealing element.

**i** For applications requiring a different sealing element, remove the factory installed sealing element and replace with the applicable sealing element. See [Changing Sealing Elements Product Instructions](#) on the [viega.us](#) website.

- 3** Check the sealing element for correct fit. Do not use oils or lubricants. Use only Viega ProPress sealing elements.
- 4** Mark proper insertion depth as indicated by the Viega ProPress Insertion Depth Chart. Improper insertion depth may result in improper seal.

### Viega ProPress Insertion Depth Chart

Tube Size	½"	¾"	1"	1¼"	1½"	2"
Insertion Depth	¾"	⅞"	⅞"	1"	1⅞"	1⅞"

**i** Copper tubing must be free of surface imperfections, including metal stamped print lines, before a ProPress fitting is installed.

- 5** While turning slightly, slide ball valve onto tubing to the marked depth. End of tubing must contact stop. Ensure the indication arrow on the body matches the correct flow direction of the system.
- 6** Insert appropriate Viega ProPress jaw into the press tool and push in, holding pin until it locks in place.
- 7** Open the jaw and place at right angle on the valve. Visually check insertion depth using mark on tubing.

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This document is subject to updates. For the most current Viega technical literature please visit [www.viega.us](#).

**!** **WARNING!** Keep extremities and foreign objects away from press tool during pressing operation to prevent injury or incomplete press.

- 8** Hold trigger on press tool until press jaws have fully engaged the valve. Jaws will automatically release after a full press is made.
- 9** After pressing, open the jaw and remove the press tool.

**!** Only ball valves marked with NSF-61 and NSF 372 are allowed for use in potable water systems.

### **10 Pressure testing with Smart Connect®:**

Unpressed connections are located by pressurizing the system with air or water. When testing with water the proper pressure range is 15 psi to 85 psi. When testing with compressed air the proper pressure range is ½ psi to 45 psi maximum. If testing with compressed air, use an approved leak-detect solution. Following a successful pressure test, the system may be pressure tested up to 200 psi with air or up to 600 psi with water.

**i** Testing for unpressed connections using Smart Connect is not a replacement for pressure testing requirements of local codes and standards.

**i** Do not remove model from packaging prior to installation. Valves are delivered in the fully open position. More detailed information about flow and settings in the technical documentation.