

Engineering Specifications

ProPress® Zero Lead Bronze Check Valves Model 2974ZL



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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.**



Zero Lead identifies Viega products meeting the lead free requirements of NSF/ANSI/CAN 61 through testing under NSF/ANSI/CAN 372 (0.25% or less maximum weighted average lead content).

Part 1: Products

1.1 Manufacturer

Viega LLC
585 Interlocken Blvd.
Broomfield CO, 80021
Phone: (800) 976-9819
www.viega.us

1.2 Material

- A. Check Valves (Plumbing): Check valves 2 inch or less in diameter for plumbing systems shall conform to MSS SP80
- B. Bronze check valves shall be made with dezincification-resistant, zero lead materials. Bronze check valves made with copper alloy (bronze) shall meet the lead free requirements of NSF/ANSI/CAN 61 through testing under NSF/ANSI/CAN 372 (0.25% or less maximum weighted average lead content).
- C. Bronze check valves: P.O.M. check insert, bubble tight, 0.5 psi cracking pressure
- D. Press Fitting: Copper press fitting shall conform to the material and sizing requirements of ASME B16.18 or ASME B16.22. Copper press fitting shall conform to the performance requirements of ASME B16.51. Sealing elements for copper or copper alloy press fittings shall be EPDM
- E. Smart Connect® feature
- F. Tools: Manufacturer's recommended tool per installation instructions
- G. Operating Parameters: Temperature 0° to 250° F, Pressure 200 psi max.

1.3 Check Valves, General

A. Check valves shall be bubble tight with a cracking pressure of 0.5 psi. Valve shall be the size identified on the plans

1.4 Source Quality Control

A. All check valves in contact with drinking water shall be listed by a third party agency to meet the lead free requirements of NSF/ANSI/CAN 61 through testing under NSF/ANSI/CAN 372 (0.25% or less maximum weighted average lead content).

1.5 Check Valve Applications

- A. Domestic Water Systems: 2" and smaller
- B. Chilled Water Systems: 2" and smaller
- C. Condenser Water Systems: 2" and smaller
- D. Heating Water Systems: 2" and smaller