

PART 2 - PRODUCTS

2.1 MANUFACTURER

Specifier Notes: Specify Wilkins

- A. [Zurn Elkay Water Solutions, 1747 Commerce Way, Paso Robles, CA 93446. Toll Free (855) 663-9876.] Website: www.zurn.com

2.2 BACKFLOW PREVENTERS

- A. Reduced-Pressure-Principle Backflow Preventers <Insert drawing designation if any>:

1. Basis-of-Design Product: Subject to compliance with requirements, provide Zurn Wilkins: **Model 975XL3 (Lead-Free)** or comparable product by one of the following:
 - a. Conbraco Industries, Inc.
 - b. Watts; a Watts Water Technologies company.
 - c. <Insert manufacturer's name>.
2. Standard: ASSE 1013, CSA B64.4, cUPC, IAPMO, USC FCCCHR, UL Listed, and AWWA C511, NSF/ANSI/CAN 61 & 372
3. Operation: Continuous-pressure applications unless otherwise indicated.
4. Pressure Loss: 15 PSI (104 kPa) (1" – 2"), 16 PSI (110 kPa) (3/4") maximum, 15 PSI (104 kPa) (1/2"), through middle third of flow range.
5. Size: NPS 1/2 to NPS 2 (DN 15 to DN 50).
6. Design Flow Rate: 8 GPM (1/2"), 30 GPM (3/4"), 50 GPM (1"), 75 GPM (1-1/4"), 100 GPM (1-1/2"), 160 GPM (2")
7. Pressure Loss at Design Flow Rate: 15 PSI (104 kPa) (1" – 2"), 19 PSI (131 kPa) (3/4"), 15 PSI (104 kPa) (1/2"),
8. Body: Bronze
9. Configuration: Designed for [horizontal, straight-through] flow.
10. Accessories:
 - a. Shut-off Valves: Ball type with threaded ends on inlet and outlet.
 - b. Air-Gap Fitting: ASME A112.1.2, matching backflow-preventer connection.
 - c. Strainer Option: Bronze wye strainer (Wilkins Model SXL)
 - d. Water Meter Type: [gpm meter] [Remote meter reading] [cu ft/min meter].
 - e. For UL and FM approvals provide indicating-type shut-off valves.

- B. Double-Check, Backflow-Prevention Assemblies <Insert drawing designation if any>:

1. Basis-of-Design Product: Subject to compliance with requirements, provide Zurn Industries, LLC; Wilkins; [**Model 950XL3 (Lead-Free)**] or comparable product by one of the following:
 - a. Conbraco Industries, Inc.
 - b. Watts; a Watts Water Technologies company.
 - c. <**Insert manufacturer's name**>.
2. Standard: ASSE 1015.
3. Operation: Continuous-pressure applications unless otherwise indicated.
4. Pressure Loss: 7 PSI (48 kPa) maximum, through middle third of flow range.
5. Size: NPS 3/4 to NPS 2 (DN20 to DN50).
6. Design Flow Rate: 30 GPM (3/4"), 50 GPM (1"), 75 GPM (1-1/4"), 100 GPM (1-1/2"), 160 GPM (2")
7. Pressure Loss at Design Flow Rate: Less than 10 PSI (69 kPa)
8. Body: Bronze
9. Configuration: Designed for horizontal (straight-through), vertical up (straight-through) flow.
10. Accessories:
 - a. Shut-off Valves NPS 2 (DN 50) and Smaller: Ball type with threaded ends on inlet and outlet.
 - b. Strainer Option: Bronze wye strainer (Wilkins Model SXL)
 - c. Water Meter Type: [gpm meter] [Remote meter reading] [cu ft/min meter].
 - d. For UL and FM approvals provide indicating-type shut-off valves.