

## PART 2 - PRODUCTS

### 2.1 MANUFACTURER

Specifier Notes: Specify Zurn Elkay Water Solutions

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

### 2.2 WATER PRESSURE-REDUCING VALVES

- A. Water Regulators



1. Basis-of-Design Product: Subject to compliance with requirements, provide Zurn Elkay Water Solutions; Wilkins; [**Model 600XL3 (Lead-Free)**] or comparable product by one of the following:
  - a. Cash Acme; a division of Reliance Worldwide Corporation.
  - b. Watts; a Watts Water Technologies company.
  - c. <Insert manufacturer's name>.
2. Standards: ASSE 1003, cUPC, CSA, NSF/ANSI/CAN 61 & 372
3. Pressure Rating: Initial working pressure of 400 PSIG (2758 kPa).
4. Size: NPS 3/4 to NPS 2 (DN 20 to DN 50).
5. End Connections: Threaded (FNPT), Copper Sweat ('C' option).
6. Materials
  - a. Body: Low lead cast bronze ASTM B806
  - b. Bell Housing: Low lead cast bronze ASTM B806
  - c. Fasteners: Stainless-Steel, 300 Series
  - d. Plunger: Stainless-Steel, 300 Series
  - e. Elastomers: Buna Nitrile (FDA approved)  
EPDM (FDA Approved)
  - f. Spring: Stainless-Steel, 300 Series
  - g. Cartridge: Noryl™
  - h. Stem: Stainless-Steel, 300 Series
7. Design Inlet Pressure: 25 PSIG - 400 PSIG (172 kPa - 2758 kPa)
8. Design Outlet Pressure Setting: 15 – 75 PSI (103 kPa – 517 kPa)
9. Design Flow Rate: 8 ft/sec. flow velocity.
  - a. 3/4" Maintains 8 PSI, or less, fall-off between 0.01 ft/sec. & 8 ft/sec. flow velocity.
  - b. 1" - 2" Maintains 7 PSI, or less, fall-off between 0.01 ft/sec. & 8 ft/sec. flow velocity.
10. Standard Feature Options:
  - a. Dynamic-pressure sensing Venturi technology.
  - b. Corrosion resistant Stainless-Steel stem.
  - c. Includes integral thermal bypass.
  - d. Stainless-Steel adjustment bolt and jam nut.
  - e. Adjustment pressure range – 15–75 PSI (103 kPa – 517 kPa) (standard) / 60–1/25 PSI (414 kPa – 862 kPa) ("HR" - high range)
  - f. Tapped and plugged for pressure measurement instrumentation.
  - g. Corrosion resistant Spring: Stainless Steel (3/4" – 2")