



Model BVECXL

Full Port Bronze Ball Valve with Integral Thermal Expansion Relief Valve

Application

The ZURN WILKINS Model BVECXL is designed for residential water heater applications where a water heater shut-off and thermal expansion relief valve are combined to provide protection from thermal expansion. Ideal where lead-free* valves are required.

Standards Compliance

- IAPMO® Listed
- Certified to NSF/ANSI 372* by IAPMO R&T
*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)



Materials

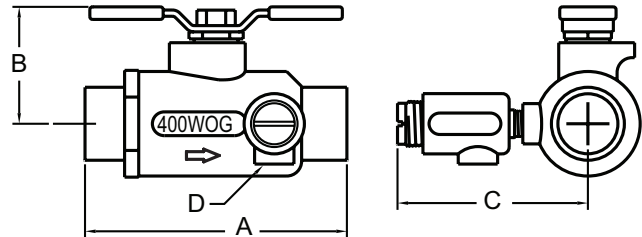
| | |
|--------------------------|------------------------------------|
| FNPT valve Body | Low Lead Cast Bronze ASTM B 584 |
| Copper sweat Body | Low Lead Forged Brass |
| PEX Body | |
| Ball | Chrome plated Low Lead Brass |
| Stem | Brass ASTM B 16 |
| Seats & Stem packing | TFE virgin Teflon ® |
| Thrust washer | TFE virgin Teflon ® |
| Handle & nut | Stainless steel |
| Relief valve body | Low Lead Forged Brass |
| Relief valve spring | Stainless steel, 302 Series |
| Relief valve seat washer | Buna Nitrile (FDA approved) |
| Relief valve plunger | Brass ASTM B 16 & screw |

Options

- 80 - with 80 psi relief setting
- 100 - with 100 psi relief setting
- 125 - with 125 psi relief setting
- BF - 3/8" hose barb drain fitting
- CF - 3/8" hose compression fitting
- PEX - 1/2" PEX drain fitting

Features

| | |
|----------------------|---------------------------|
| Sizes: | 3/4", 1" |
| Pressure rating | 400psi WOG |
| Temperature rating | 180°F |
| Threaded Connections | ANSI B1.20.1 Class 125 |



Dimensions & Weights (do not include packaging)

| MODEL | SIZE | | CONNECTION | DIMENSIONS (approximate) | | | | | | WEIGHT | | |
|--------------|------|----|------------|--------------------------|-----|---------|----|---------|----|-----------|-------|-----|
| | | | | A | | B | | C | | | | D |
| | in. | mm | | in. | mm | in. | mm | in. | mm | lbs. | kg | |
| 34-BVECXLC | 3/4 | 20 | SWEAT | 3 15/16 | 100 | 1 15/16 | 49 | 2 13/16 | 71 | 1/8" FNPT | 1 3/8 | 0.6 |
| 34-BVECXL | 3/4 | 20 | FNPT | 2 3/4 | 70 | 1 5/8 | 41 | 2 13/16 | 71 | 1/8" FNPT | 1 | 0.5 |
| 1-BVECXL | 1 | 25 | FNPT | 3 1/4 | 83 | 1 15/16 | 49 | 2 15/16 | 75 | 1/8" FNPT | 1 1/2 | 0.7 |
| 34-BVECXLPEX | 3/4 | 20 | PEX | 3 3/16 | 81 | 1 1/2 | 38 | 2 1/2 | 64 | 1/8" FNPT | 1 | 0.5 |

Typical Installation

