



Model BVECXL

Full Port Bronze Ball Valve with Integral Thermal Expansion Control 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

- UPC® Listed to IGC 128-2019
- Certified to NSF/ANSI 372*

*(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

Features

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

Shutoff Valve Options:

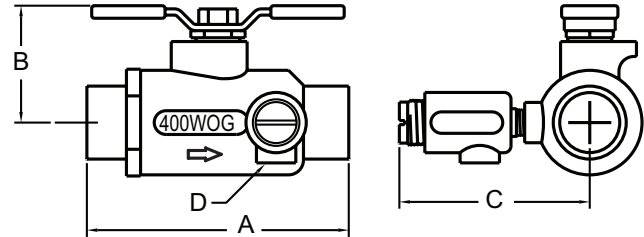
- C - With integral female copper sweat connection (3/4" only)
- PEX - With integral crimp PEX connections (3/4" only)

Relief Valve 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" Crimp PEX drain fitting

Accessories:

- Replacement Relief Valve (Model P1560XL)



(Model 34-BVECXLC Shown)

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	CRIMP PEX	3 3/16	81	1 1/2	38	2 1/2	64	1/8" FNPT	1	0.5

Typical Installation

