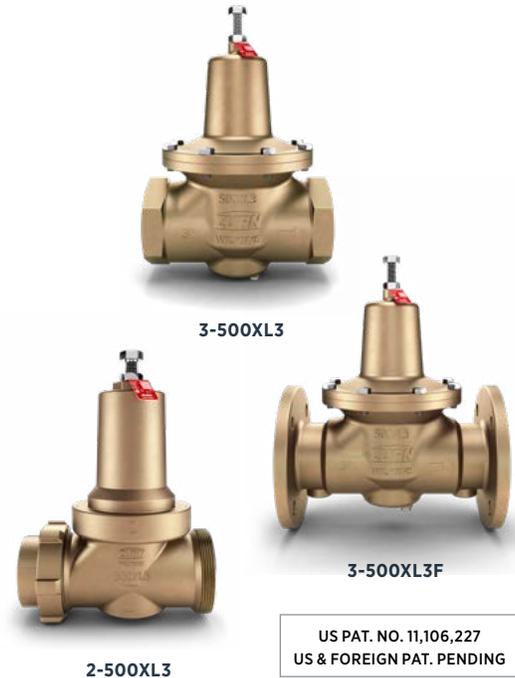


500XL3 Zurn Wilkins Pressure Reducing Valve

Flat-Out Best In Flow

Zurn Wilkins 500XL3 leads in performance with the flattest flow curve on the market today. The patented venturi gives the series its edge. No other PRV handles high flow rates more efficiently for industrial lines and commercial systems.



Leading Performance:

- **Patented venturi** delivers consistent results for high flow rate and low falloff applications
- **Breakthrough performance** allows for value engineered system design, optimizing flow and pressure to create substantial savings in material costs
- **Convenient access to internals** speeds up maintenance
- **Cost-effective repair kits** significantly reduce lifecycle costs

Ahead of the (Flow) Curve

Zurn Wilkins 500XL3 leads the competition in flow performance.

The 3" Zurn Wilkins 500XL3 has a 13 PSI pressure advantage when compared to the leading competitor at the typical plumbing design flow rate limit (8ft/s).



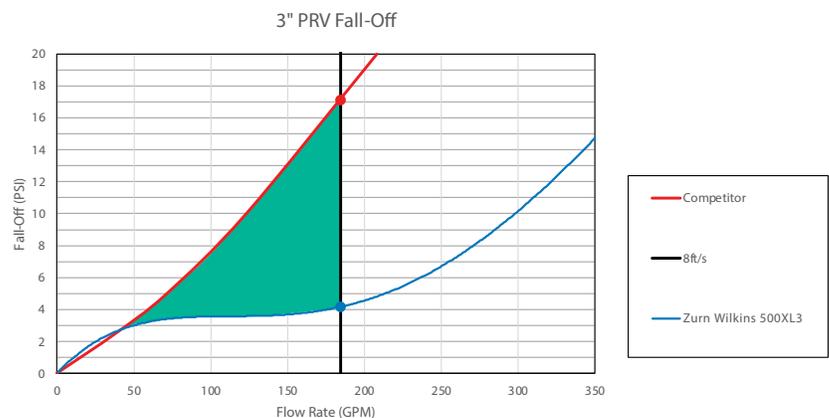
Drop-In Install:

- **Shortest lay length** fits within tight spaces
- **Lightweight design** eases labor during install
- **Horizontal or vertical installation options** offer complete jobsite flexibility
- **Flanged version** matches previous 500XL lay length for drop-in replacements



Lasting Durability:

- **Stainless steel stem and composite cartridge internals** resist corrosion to extend lifespan
- **Stainless steel fasteners** withstand heavy wear and harsh environments
- **All-bronze body and bell** provide enduring strength



Zurn Wilkins 500XL3 Pressure Reducing Valve

Application

Zurn Wilkins model 500XL3 designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure. The patented integral venturi enables the valve to have best in-class flow performance. The high flow capacity makes this device most suitable for commercial plumbing systems and industrial water lines.

Standards Compliance

- ASSE® Listed 1003
- IAPMO® Listed
- CSA® Certified
- Meets the requirements of NSF/ANSI/CAN61 & 372

Materials

- **Main valve body:** Cast silicon bronze C87800
- **Fasteners:** Stainless steel, 300 series
- **Stem:** Stainless steel, 300 series
- **Plunger:** Stainless steel, 300 series
- **Silicon:** Bronze (2-1/2"-3")
- **Elastomers:** Buna Nitrile

(FDA approved)

- **EPDM:** (FDA approved)
- **Springs:** Stainless steel, 300 series
- **Chrome Silicon:** Epoxy Coated
- **Seat:** Noryl

Features

- **Size:** 1", 1-1/4", 1-1/2", 2", 2-1/2", 3"
- **Maximum working water pressure:** 400 psi
- **Maximum working water temperature:** 140°F
- **Reduced pressure range:** 25 psi - 75 psi
- **Factory present:** (field set 2-1/2" & 3") 50 psi
- **Threaded connections:** (FNPT) ANSI B1.20.1
- **Copper connections:** (Female) ANSI B 16.22

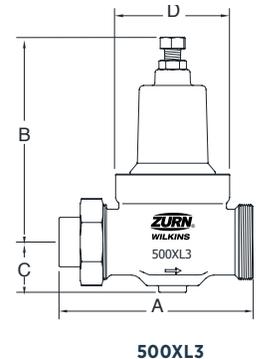
Options

(suffixes can be combined)

- Standard** With single union FNPT inlet x FNPT
- Outlet** (1" thru 2") or less union (2-1/2" & 3")
- DU** Double union FNPT x FNPT (1"-2")
- DUC** Double union copper sweat x sweat (1"-2")
- C** Single union copper sweat x FNPT (1"-2")
- F** Flanged class 150 (2-1/2"-3")
- HR** High range, outlet adjust from 75 psi to 125 psi
- Y** with lead-free bronze "Y" strainer on inlet
- G** Tapped and plugged with gauge

Dimensions and Weights

SIZE IN [MM]	CONNECTIONS	APPROXIMATE DIMENSIONS IN INCHES [MM]				APPROXIMATE WEIGHT LB [KG]
		A IN [MM]	B IN [MM]	C IN [MM]	D IN [MM]	
1 [25]	SINGLE UNION	4-19/32 [104]	4-27/32 [123]	1-3/16 [30]	2-11/16 [69]	2.8 [1.3]
1 [25]	LESS UNION	3-3/4 [95]	4-27/32 [123]	1-3/16 [30]	2-11/16 [69]	2.5 [1.1]
1-1/4 [32]	SINGLE UNION	4-7/8 [123]	5-5/8 [143]	1-3/16 [29]	2-11/16 [69]	3.6 [1.6]
1-1/4 [32]	LESS UNION	3-3/4 [95]	5-5/8 [143]	1-3/16 [29]	2-11/16 [69]	3 [1.4]
1-1/2 [40]	SINGLE UNION	7 [178]	7-3/16 [182]	1-5/8 [41]	4-9/16 [116]	9.3 [4.2]
1-1/2 [40]	LESS UNION	5-7/8 [147]	7-3/16 [182]	1-5/8 [41]	4-9/16 [116]	8.3 [3.8]
2 [50]	SINGLE UNION	7-5/32 [182]	5-13/16 [147]	1-5/8 [41]	4-9/16 [116]	11.5 [5.2]
2 [50]	LESS UNION	6 [152]	5-13/16 [147]	1-5/8 [41]	4-9/16 [116]	10 [4.5]
2-1/2 [65]	LESS UNION	8-13/16 [224]	10-1/4 [260]	2.57 [65]	7-5/16 [186]	24.1 [11]
2-1/2 [65]	FLANGED	10-3/8 [264]	10-1/4 [260]	3-1/2 [89]	7-5/16 [186]	37.1 [17]
3 [80]	LESS UNION	8-13/16 [224]	10-1/4 [260]	2-13/16 [71]	7-5/16 [186]	26.2 [12]
3 [80]	FLANGED	11 [279]	10-1/4 [260]	3 [95]	7-5/16 [186]	40.5 [18.4]



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