

Application

Zurn Wilkins Model ZPRXL is designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure.

Caution: Anytime a reducing valve is installed or adjusted, a pressure gauge must be used downstream to verify correct pressure setting. Where velocity is an issue, staged reduction is recommended.

Engineering Specification

The dual spring prevents buildup of excessive system pressure caused by thermal expansion

The balanced piston design enables the regulator to react in a smooth and responsive manner to changes in system flow demand, while at the same time, providing protection from inlet pressure changes

The Model ZPRXL may be installed in any position, provided sufficient clearance is available for testing. Where the desired pressure reduction is more than a 3 to 1 ratio (i.e. 1500kPa to 500kPa), or inlet pressure is above 1000kPa, multiple regulators in series are recommended to be installed to prolong valve life. In these instances, you may require a higher pressure rated initial valve (such as the Zurn 600HLR, adjustable to 850kPa) in the series, followed by the ZPRXL

Standards Compliance

Australian WaterMark Approved

(This product contains a weighted average lead content less than 0.25% for surfaces in contact with water per the requirements of Clause A5G4 of NCC 2022 Vol 3)

(Plumbing Code of Australia)



LEAD FREE
AS 1357.2
LIC. WM-022859

Dimensions & Weights (do not include pkg.)

MODEL SIZE	Zurn Codes	REECE CODES	DIMENSIONS			WEIGHT	Flow Rate
			A	B	C		
mm			mm	mm	mm	kg	L/min
15	ZPRXL15F	1060386	84	94	30	0.61	95
20	ZPRXL20F	1060381	84	94	30	0.61	100
25	ZPRXL25F	1060382	91	113	36	0.88	125
32	ZPRXL32F	1060383	97	117	37	1.0	136
40	ZPRXL40F	1060384	109	152	42	1.88	250
50	ZPRXL50F	1060385	127	178	55	2.94	508



XL LEAD FREE

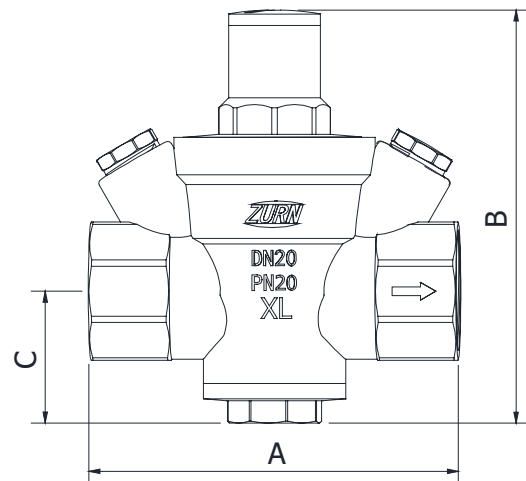
Operating Parameters 15-50mm

Max. Working Water Pressure	2000kPa
Max. Working Water Temperature	80°C
Reduced Pressure Range	150-525kPa
Factory Preset	500kPa*
Maximum Reduction	3 to 1

* Preset pressure is set according to factory conditions. Valve must be adjusted at time of installation to site conditions to guarantee performance. Failure to do so will void warranty.

Materials

Main Valve Body	Lead Free Brass
Internals	Lead Free Brass
Stem	Lead Free Brass
Springs	Stainless Steel
O-Rings/Gaskets	Nitrile Rubber

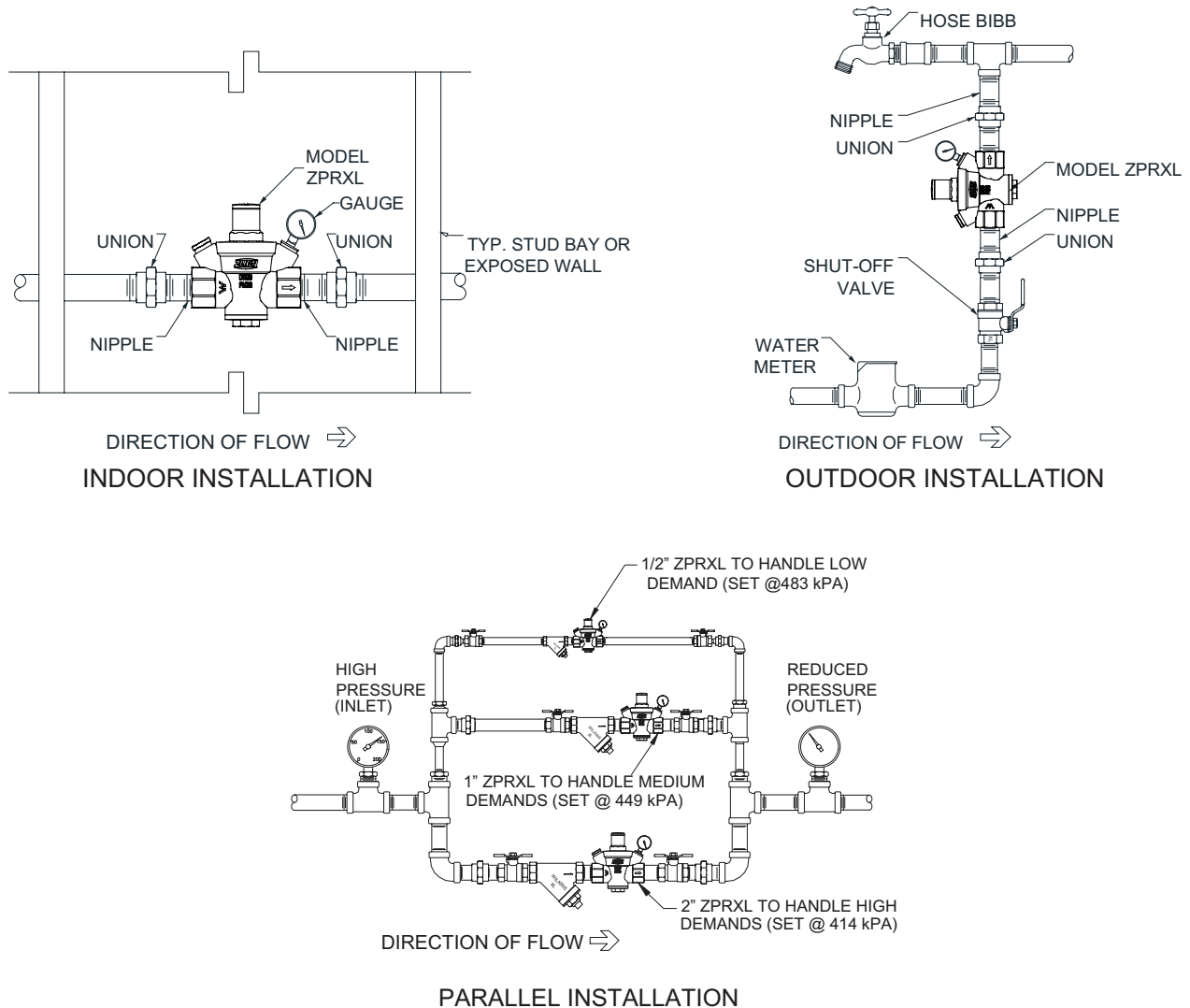


Typical Installation

****Local codes shall govern installation requirements.****

Unless otherwise specified, the assembly shall be mounted in accordance with the latest edition of the local codes.

The Model ZPRXL may be installed in any position. The assembly shall be installed with sufficient side clearance for testing and maintenance.



In many instances a battery installation is preferable to the use of a single valve, as it provides closer regulation over a wide demand variation. Typically used in applications where the flow rates varies from very low to very high, and when a single PRV does not provide the capacity needed.

After installation the smallest PRV is set to the highest pressure, with each successively larger PRV set 21-35 kPa lower.

Specifications

The Water Pressure Reducing Valve shall be WaterMark certified. The main body and bell shall be Lead Free Brass alloy. The internals shall be Lead free Brass and incorporate an integral seat. The seat disc elastomer shall be Nitrile. The assembly shall be accessible for maintenance without removing the device from the line. The Water Pressure Reducing Valve shall be a ZURN WILKINS Model ZPRXL.