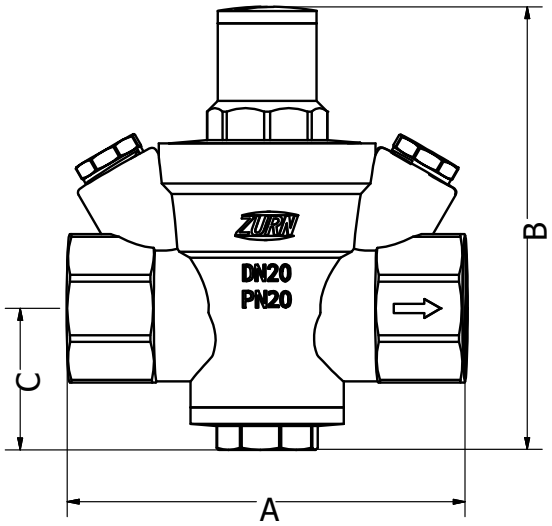
MODEL ZPR

WATER PRESSURE REDUCING VALVE

Dimensional Data (mm) are Subject to Manufacturing Tolerances and Change Without Notice



ENGINEERING SPECIFICATION

- Designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure
- 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 ZPR may be installed in any position, provided sufficient clearance is available for testing
- Multiple installations are recommend for wide demand variations or where the desired pressure reduction is more than 3 to 1

CAUTION:
Anytime a reducing valve is installed or adjusted, a pressure gauge must be used downstream to verify correct pressure setting

STANDARDS COMPLIANCE

Australian Watermark Approved WM-022859

WaterMark
WM-022859

PRODUCT CODES

CODE	DESCRIPTION
ZPR20F	20mm NR3 Zurn Wilkins PRV
ZPR25F	25mm NR3 Zurn Wilkins PRV
ZPR32F	32mm NR3 Zurn Wilkins PRV
ZPR40F	40mm NR3 Zurn Wilkins PRV
ZPR50F	50mm NR3 Zurn Wilkins PRV

DIMENSIONS & WEIGHTS (DO NOT INCLUDE PKG.)

MODEL SIZE mm	DIMENSIONS A mm	B mm	C mm	WEIGHT kg
20	84	94	30	0.61
25	91	113	36	0.88
32	97	117	37	1.0
40	109	152	48	1.88
50	127	178	55	2.94

PRODUCT INFORMATION

MODEL ZPR FEATURES	20mm	25-50mm
Max. Working Water Pressure	2000kPa	2000kPa
Test Pressure	2400kPa	2400kPa
Max. Working Temperature	80° Celsius	80° Celsius
Reduced Pressure Range	150-415kPa	150-550kPa
Factory Preset	400kPa	500kPa
Maximum Reduction	3 to 1	3 to 1
Flow Rate	105 L/min	105 L/min

MODEL ZPR MATERIALS	
Main Valve Body	DZR Brass
Internals	Stainless Steel
Stem	DZR Brass
Springs	Stainless Steel
O-Rings/Gaskets	Nitrile Rubber

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FLOW CHARACTERISTICS AND PRESSURE LOSSES