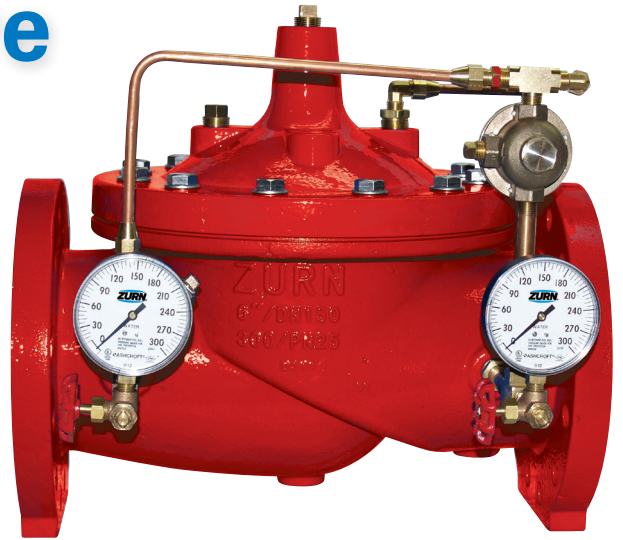


Model ZW209FP

Fire Protection Pressure Reducing Valve

In-stock for fast delivery



State-of-the-Art Construction

- Rubber disc design forms a drip-tight seal
- Inside and outside NSF approved epoxy coating provides resistance to harsh water and environmental conditions
- Optional corrosion resistant stainless steel internals and pilot tubing provide long-lasting durability

Ease of Installation and Service

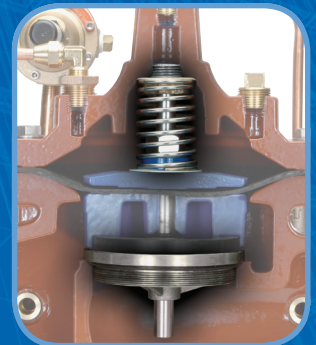
- Replaceable seat and internal components allow complete service without removal from the pipeline
- UL/FM gauges come standard with three-way shut-off provide faster, low-cost installation and periodic monitoring
- Pilot can be ordered on opposite side for convenient installation

Lowest Life-Cycle Costs

- Fully supported diaphragm reduces fatigue and increases the diaphragm life
- O-ring stem seals for positive sealing and ease of repair
- Savings over the ACV life-cycle due to reduced labor time and lower repair kit costs



State-of-the-Art Design



Stainless Steel Internals



Gauges Come Standard

Zurn Wilkins Model ZW209FP



SIZES

GLOBE STYLE BODY:

Flanged ends	1-1/2" thru 10"
Grooved ends	1-1/2" thru 10"
Threaded ends	1-1/4" thru 3"

TEMPERATURE RATING: Water 33°F to 140°F

PILOT SPRING RANGE: 50-165 psi Residual Pressure
(155 psi Max 10")

Refer to www.zurn.com for updated information

MAX. INLET PRESSURE: 300 psi (class 300)

STANDARD FEATURES

- ___ "Wye" Type Strainer
- ___ Inlet and Outlet Pressure Gauges (UL/FM)
- ___ 3-Way Gauge Isolation Valves
- ___ Epoxy Coated, FDA Approved
- ___ ANSI Class 300 Flanged

OPTIONS (add suffix letters to ZW209FP)

- G** Grooved Ends (inlet rating 300 psi)
- TH** NPT Threaded (inlet rating 300 psi)
- X** ANSI Class 150 Flanged (inlet rating 250 psi)
- RV** Pilot on Reverse Side

MATERIALS

Main Valve Body	Ductile Iron ASTM A536
Main Valve Cover	Ductile Iron ASTM A536
Disc Guide	Bronze ASTM B 176
Seat	Bronze ASTM B 176
Disc	Buna-N Rubber
Diaphragm	Nylon Reinforced Buna-N
Stem	Stainless Steel
Spring	Stainless Steel

APPLICATION

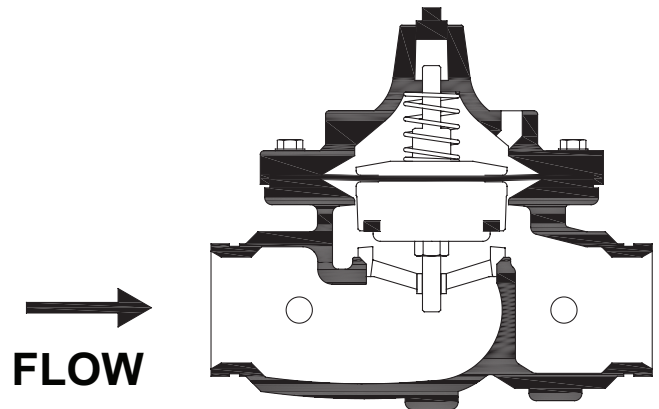
The Zurn Wilkins Model ZW209FP Pilot Operated Pressure Reducing Valve is designed specifically for Fire Suppression Systems to reduce high inlet pressures to a safe and stable outlet pressure. The pilot assembly reacts to changes in downstream pressure allowing the main valve to modulate between the closed and open position ensuring a constant downstream set pressure. Once the downstream pressure reaches the pilot setting, the main valve will seal shut preventing damage downstream. Pressure regulation is not dependent upon flow rate, resulting in minimal pressure loss through the valve. In addition the Models ZW209FP and ZW209FPG come standard with red epoxy coating internally and externally for corrosion protection, as well as isolation valves and pressure gauges for quick and easy maintenance or repair.

STANDARDS AND PRESSURE RATINGS

	Standards Compliance	UL Pressure Ratings
Main Body	ANSI/AWWA C530	
Flanged	CLASS 150 - ANSI B16.42	250 psi
	CLASS 300 - ANSI B16.42	300 psi
Grooved	IPS - AWWA C606	300 psi
Threaded	NPT - ANSI B1.20.1	300 psi

TYPICAL INSTALLATION

The upstream and downstream pressure gauges are required by Underwriters Laboratories® (UL). Also a relief valve of not less than 1/2" in size **MUST** be installed on the downstream side of the pressure control valve. Adequate drainage for the relief valve discharge must be provided.



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Product Support Help Line: 877-BACKFLO (877-222-5356) • www.zurn.com