Smart Control Zones

FEATURES

- Saves time with pre-assembled valve, filter, and pressure regulator
- Ultra low-flow capability (1 gallon per hour)
- Wye filter with 150 mesh stainless steel screen with 25 or 45 psi pressure regulator
- Patented self-cleaning valve diaphragm
- Patented manual bleed lever. No twisting on a solenoid or bleed screw is required
- Pressure activated diaphragm ensures reliable operation with no leakage at pressures up to 150 – 200 psi
- Innovative valve shock cone interrupts the water flow more gradually than other diaphragms to enable quick valve closure without the damaging effect of water hammer
- Residential, light commercial and commercial options available

SCZ-N-100F-H

SCZ-SB-10F-HP

SCZ-MAX-DW-10

FLOW RANGE
0.2 GPM to 10 GPM (0 m3/hr to 2.3 m3/hr)
MAXIMUM INLET PRESSURE
120 PSI (8.27 BAR)

SMART CONTROL ZONE SPECIFICATIONS		
MODEL	DESCRIPTION	WARRANTY
SCZ-N-100F-H-25	Nitro Control Zone (1" FIP with flow control, 1" filter/regulator - 25 psi)	2 years
SCZ-SB-10F-HP-25	Silver Bullet Control Zone (1" FIP with flow control, 1" filter/regulator - 25 psi)	5 years
SCZ-MAX-DW-10-25	Black Bullet Max Control Zone (1" FIP with flow control, 1" filter/regulator - 25 psi)	10 years
SCZ-N-100F-H-45	Nitro Control Zone (1" FIP with flow control, 1" filter/regulator - 45 psi)	2 years
SCZ-SB-10F-HP-45	Silver Bullet Control Zone (1" FIP with flow control, 1" filter/regulator - 45 psi)	5 years
SCZ-MAX-DW-10-45	Black Bullet Max Control Zone (1" FIP with flow control, 1" filter/regulator - 45 psi)	10 years

MINIMUM INLET PRESSURE FOR 25PSI (1.8 BAR) OUTLET PRESSURE			
FLOW GPM	PRESSURE PSI	FLOW L/MIN	PRESSURE BAR
0.2	26.1	0.8	1.8
1.0	29.3	3.8	2.0
3.0	31.0	11.4	2.1
5.0	36.5	18.9	2.5
8.0	41.5	30.3	2.9
10.0	48.0	37.9	3.3

MINIMUM INLET PRESSURE FOR 45PSI (3.1 BAR) OUTLET PRESSURE			
FLOW GPM	PRESSURE PSI	FLOW L/MIN	PRESSURE BAR
0.2	46.1	0.8	3.2
1.0	47.3	3.8	3.3
3.0	54.0	11.4	3.7
5.0	60.5	18.9	4.2
8.0	65.5	30.3	4.5
10.0	72.0	37.9	5.0

Pressure Regulating Filters

FEATURES

- Combination unit helps make installation easier and faster
- Heavy duty glass-filled polypropylene body
- Works with all valves
- Comes with 155-mesh screen pre-assembled (replacement filter elements are available)
- 25 PSI or 45 PSI pressure regulator is integrated into the filter body.

SPECIFICATIONS

- Operating pressure: up to 120 PSI
- Preset pressure rating: 25 PSI or 45 PSI
- Screen: stainless steel
- 155 mesh/100 microns
- Body: glass-filled polypropylene

DIMENSIONS

- 6" L x 4 $\frac{1}{4}$" H x 1 $\frac{3}{4}$" W

PRESSURE REGULATOR SPECIFICATIONS	
MODEL	DESCRIPTION
PRF-25-100	1" Pressure Regulating Filter
PRF-45-100	1" Pressure Regulating Filter

FLOW RATE WITH PRESSURE LOSS 1" PRESSURE REGULATING FILTER		
FLOW GPM	PRF-25-100 PSI	PRF-45-100 PSI
0.2	1	1
1.0	4	2
3.0	5	8
5.0	10	14
8.0*	N/A	18
10.0*	N/A	N/A
15.0*	N/A	N/A

Save Water. Give Life.
100 gallons given per valve