

Simple Set

Pressure Independent Control Valves

2-Way - 1/2" - 2"

Application

The Bray Simple Set is a threaded pressure independent control (PIC) valve designed for a wide variety of hot water and chilled water control applications. The SS Series combines high rangeability control and dynamic balancing into a single compact housing, eliminating the material, installation and commissioning costs of a separate balancing component.

The maximum flow rate is easily set by hand with an adjustment on the top of the valve. The unique design of the Simple Set provides full stroke of the control element, even when the flow rate setting is a small percentage of the maximum flow capacity of the valve.

Simple Set valves achieve a continuous flow rate at any fixed position of the valve irrespective of inlet pressure change. This prevents overflow at any load condition, which contributes to optimal coil performance and primary equipment efficiency.



System Types

Fan Coils, VAV Reheat Coils, Chilled Beams, Computer Room Air Conditioning Units and Air Handling Units.

Features and Benefits

- Brass Housing with High Flow Cavity
 - Robust design, resistant to high temperatures and moderate levels of particulate.
- Low Pressure Drop
 - Reduces pump head requirements for added energy efficiency.
- Long Stroke
 - Provides greater controlability.
- No minimum straight pipe lengths required before or after the valve
 - Provides for maximum piping flexibility, even in crowded mechanical rooms.



Specifications

Piping Geometry

01/18/24

Simple Set - Valve Body Specifications

Technical Specifications - Valve Body				
Service	Hot Water, Chilled Water, Up to 50% Glycol			
Size Range	2-Way - 1/2" thro	ugh 2" (DN 15 to 50)		
Body Cold Working Pressure Ratings	375 PSI (25 Bar)			
Media Temperature Range	32°F to 248°F (0	°C to 120°C)		
Onevational AD	Minimum	Varies by size. See pages SS-10 & SS-11		
Operational ΔP	Maximum	58 psid (400kPa)		
Max. Close-Off Pressure	58 psid (400kPa))		
Valve Operation	Push Down to Clo	ose, Normally Open		
Shut-Off Leakage	ANSI Class IV (0.	01%)		
Stroke	1/2" to 1 -1/4" = 0.22" (5.5mm) 1.5" to 2" = 0.59" (15mm)			
Rangeability	>100:1			
End Connections	NPT Threaded			
	Body	DZR Brass		
	Flow Regulation Unit	PPS 40% Glass		
Materials	Diaphragm	HNBR		
	Spring	Stainless Steel		
	O-Rings	EPDM		
	1/2"	1.98 lb. (.90 kg)		
	3/4"	1.98 lb. (.90 kg)		
Weights	1"	2.21 lb. (1.00 kg)		
(Valve Body Only)	1-1/4"	3.35 lb. (1.60 kg)		
	1-1/2"	6.34 lb. (2.90 kg)		
	2"	8.70 lb. (4.00 kg)		
Warranty	5 Years limited from time of shipment.			
Approvals & Certifications	PED 2014/68/EU	, ROHS 2011/65/EU		

Disclaimer - The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the local Bray office. Bray, Inc. shall not be liable for damages resulting from misapplication or misuse of its products.

Auto-Stroke Settings for Modulating (Analog) - (PAM Series)

Analog actuators perform an Auto-Stroke sequence upon every power-up. The Auto-Stroke sequence runs from 0 to the end position and back in order to automatically detect the stroke limits and calibrate the input signal to the detected stroke limits. The Auto-Stroke sequence can take up to a maximum of 2 minutes to complete.



If the actuator and/or adaptor are removed from the valve after initial installation, an Auto-Stroke sequence must be initiated must be initiated to recalibrate the actuator. To do so, remove and reapply the power.

Notice

During the Auto-Stroke sequence, the status LED remains on and the actuator will not perform any other action.



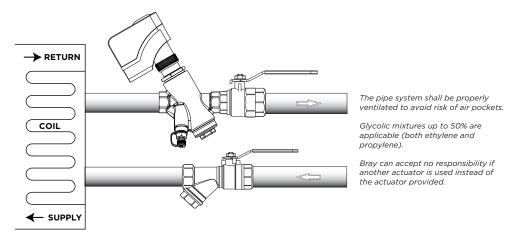
Simple Set - Actuator Specifications

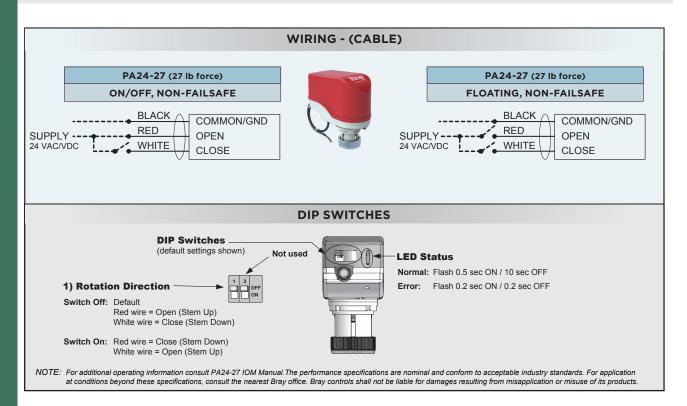
Technical Specific	ations - Actuato	rs					
	For Valves Sizes 1/2" to 1 -1/4"				For Valves S	Sizes 1.5" to 2"	
Actuator Models	PA24-27	PA24-27-FS	PAM24-27	PAM24-27-FS	PAM24-100	PAM24-100-FS	
Actuator Models	On/Off &	Floating	Modu	lating	On/Off, Floatii	ng & Modulating	
	Non-Fail Safe	Fail Safe	Non-Fail Safe	Fail Safe	Non-Fail Safe	Fail Safe	
Supply Voltage		22 to 26	AC/DC		22 to 26 VAC	or 28 to 32 VDC	
Power Consumption	5VA	10VA	5VA	10VA	6VA	6VA, 20VA Start Up	
Control Signal	2 Position or 3-Point	,	4-20mA w	DC or 2-10VDC; ith external resistor	2 Position On/Off (Digital-Pulse Width Modulation 3 Point Floating, Modulating (Analog), 2-10VDC; 4-20mA		
Input Impedance	4.7	K	10.0 K	100.0 K	100	0.0 K	
Feedback Signal	No 0-10 ¹		0-10VDC (0-10VDC or 2-10VDC		mA or 2 to adjustable	
Failsafe Function	No	Yes (60 Sec. Runtime)	No	Yes (60 Sec. Runtime)	No	Yes (60 Sec. Runtime)	
Anti-Stick	N	0	Optional ¹		`	⁄es	
Operation Time		120 Se	conds		90 Seconds		
Enclosure Rating			NEMA type 3R (E	Equivalent to IP54	4)		
Ambient Temperature		36°F to 122°F	(2°C to 50°C)		0°F to 122° (-18°C to 50°C)		
Humidity Rating			5 to 95% RH N	lon Condensing			
Connection	3 wires 18 AWG halogen free cable, 3.2 ft.	halc	4 wires 18 AWG ogen free cable, 3	4 wires 18 AWG gen free cable, 3.2 ft.		Terminal Connection. Use 18 AWG Minimum	
Noise Rating			>35	dBA			
Dimensions	(L) 4.09" x (W) 2.08" x (H) 3.62"	(L) 4.09" x (W) 2.08" x (H) 4.18"	(L) 4.80" x (W)	3.60" x (H) 6.93"	
Weight		0.9 lb. ((0.4 kg)		2.0 lb.	(0.9 kg)	
Warranty		5	Years limited fro	m time of shipme	ent		
Agency Listing			UL	, C €			

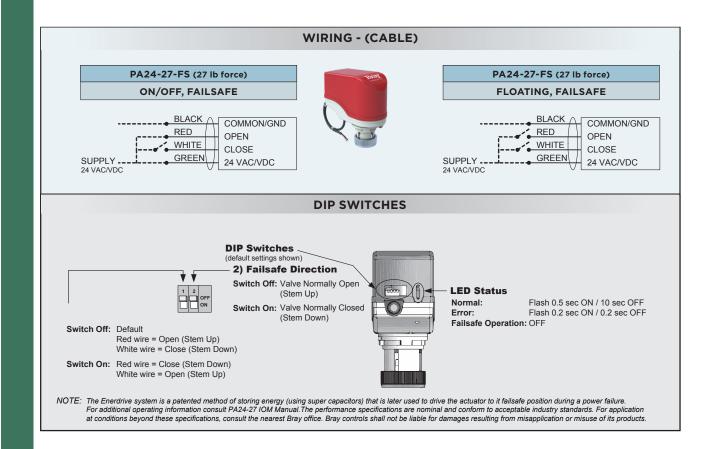
¹Anti-Stick Option

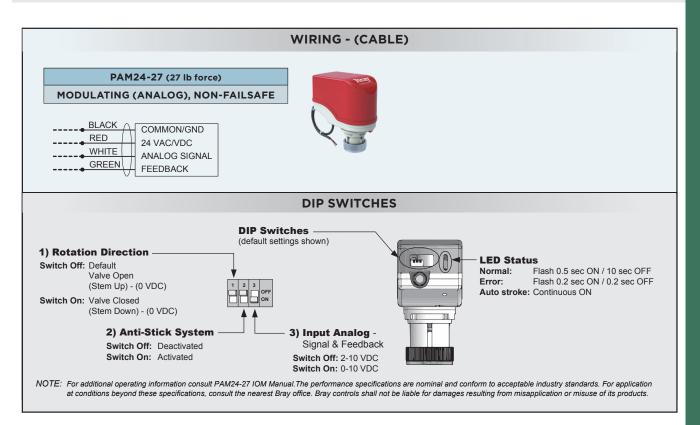
With the anti-stick option activated, the actuator will make one full cycle every 24 hours, if the actuator constantly has been in fully open or fully closed position during the previous 24 hours. This operation will clear up any possible impurities accumulated in the valve, and re-calculate the end positions.

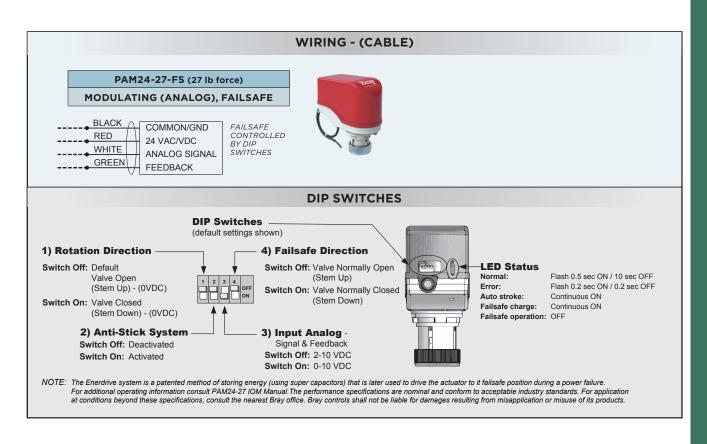
Simple Set - Piping Diagram



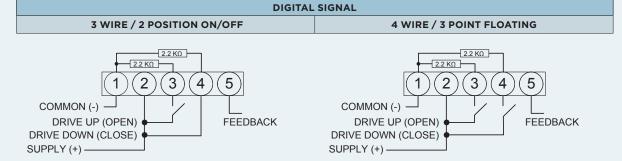








PAM24-100 (100 lb force) ON/OFF, FLOATING & MODULATING (ANALOG), NON-FAILSAFE COMMON (-) TEI COMMON (-) INPUT SIGNAL

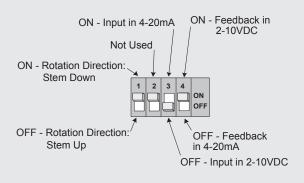


Special Consideration for Digital Control

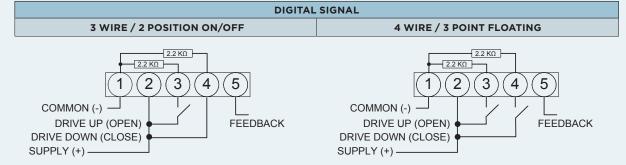
In this mode, the actuator is sensitive to induced electrical voltages **from external sources**. To prevent such interference, if the signal on pins 4 and 3 on TB1 are from an **external 24VAC source**, install a resistor 2.2kohm, 0.5W between pins 4 and 1 and another of 2.2kohms, 0.5W between pins 3 and 1 of TB1. These resistors are included.

NOTE: For additional operating information consult PAM24-100 IOM Manual. The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the nearest Bray office. Bray controls shall not be liable for damages resulting from misapplication or misuse of its products.

DIP SWITCHES - DIGITAL SIGNAL



PAM24-100-FS (100 lb force) ON/OFF, FLOATING & MODULATING (ANALOG) ,FAILSAFE 1 2 3 4 5 COMMON (-) FEEDBACK 24 VAC or 30 VDC (+) INPUT SIGNAL

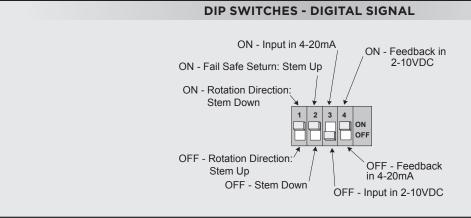


Special Consideration for Digital Control

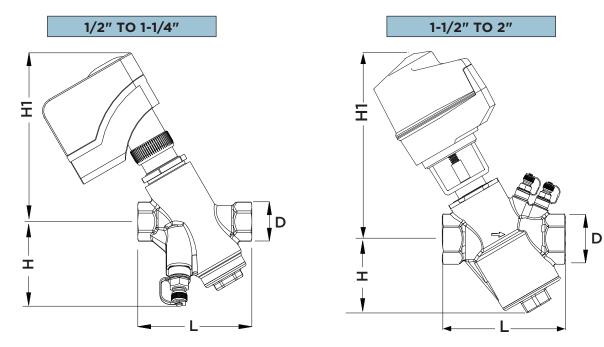
In this mode, the actuator is sensitive to induced electrical voltages **from external sources**. To prevent such interference, if the signal on pins 4 and 3 on TB1 are from an **external 24VAC source**, install a resistor 2.2kohm, 0.5W between pins 4 and 1 and another of 2.2kohms, 0.5W between pins 3 and 1 of TB1. These resistors are included.

NOTE: The Enerdrive system is a patented method of storing energy (using super capacitors) that is later used to drive the actuator to it failsafe position during a power failure.

For additional operating information consult PAM24-100 IOM Manual. The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the nearest Bray office. Bray controls shall not be liable for damages resulting from misapplication or misuse of its products.



Simple Set - Valve/Actuator Dimensions



Simp	Simple Set - Technical Data and Dimensions								
Valve	Size		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
	Liters per	Low Flow Cartridge	75 - 700	77 - 745	-	-	-	-	
Flow	hour (l/h)	Std. Flow Cartridge	291 - 1576	305 - 1821	400 - 1830	690 - 3000	541 - 7582	596 - 14700	
Rate	Gallons per	Low Flow Cartridge	.3 - 3.1	.3 - 3.3	-	-	-	-	
	minute (gpm)	Std. Flow Cartridge	1.3 - 6.9	1.3 - 8.0	1.8 - 8.1	3.0 - 13.2	2.4 - 33.4	2.6 - 64.7	
		L	3.62, (92)	3.62, (92)	3.78, (96)	5.0, (128)	5.71, (145)	6.34, (161)	
D	imensions	Н	2.68, (68)	2.68, (68)	2.68, (68)	3.03, (77)	3.43, (87)	3.70, (94)	
	in., (mm)	H1	7.88, (200)	7.88, (200)	7.88, (200)	6.04, (153)	16.00, (406)	15.25, (387)	
		D	1.18, (30)	1.42, (36)	1.73, (44)	2.05, (52)	2.33, (59)	3.07, (78)	
	Weight	lbs., (kg)	2.50, (1.14)	2.50, (1.14)	2.60, (1.18)	4.10, (1.86)	7.90, (3.60)	10.30, (4.70)	

Dimensions may vary, depending on the actuator.

Dimensions are shown for the largest actuator currently available.

Dimensions are shown in inches and are approximate.

Simple Set - Model Number Matrix

SS	Pre	fix: S	imp	le Set	:			Valve Series
	1	1 Valve Size (1/2" to 2")						Valve Size
		N	En	d Con	End Connections			
			S	Flov	v Ran	idge - (H) High, (L) Low or (S) Standard	Cartridge	
				X	Flov	w Setting GPM. Se	e Charts on Page SS-10 & SS-11	GPM
					/			/
						PA24-27	24V On/Off & Floating - Non-Fail Safe	
						PA24-27-FS	24V On/Off & Floating - Fail Safe	
						PAM24-27	24V Modulating - Non-Fail Safe	Actuator
						PAM24-27-FS	24V Modulating - Fail Safe	Selection
						PAM24-100	24V On/Off, Floating & Modulating - Non-Fail Safe	
						PAM24-100-FS	24V On/Off, Floating & Modulating - Fail Safe	
SS	1	N	S	1.8	/	PA24-27	1" Simple Set Body, NPT End Connections, Standard Flow Rate, GPM of 1.8, 24V PA Series Actuator	Example

Simple Set - How it Works

Function

Unlike conventional control valve sizing where valves are sized to a Cv, the Simple Set valves are simply sized for flow and pipe size. Refer to the ordering table for the wide range of flow values available.

Notice

If valve size differs from pipe size, dP across the valve can not exceed the rating of the valve.

Design

The design of Simple Set combines high performance with small size and compact construction. The main components of the valve are:

Pre-Setting Dial (Detail)



3. Pre-Setting Dial Sets maximum flow

allowed through the valve.

1. Pressure Control Cartridge

Ensures constant flow rate is achieved under fluctuating system pressures. As the system differential pressure increases and decreases, the Dp controller absorbs and releases pressure through an internal capillary tube maintaining a constant Dp across the valve.

5. Actuator

Reacts to building controller call for more or less flow.



2. Modulating Control Component

- Rotates laterally to limit max flow through the valve per the Pre-Setting Scale.
- 2. Moves vertically in response to the actuator call for more or less flow.

4. P/T Plugs

Allows for measurement of pressure and temperature.

Simple Set - Flow Rate Charts

1/2	"	1/2" Low Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-050-N-L-0.3	0.3	2.2	75.0	0.3	
SS-050-N-L-0.4	0.4	2.2	81.8	0.4	
SS-050-N-L-0.5	0.6	2.2	106.7	0.5	
SS-050-N-L-0.6	0.8	2.2	134.0	0.6	
SS-050-N-L-0.7	1	2.2	161.3	0.7	
SS-050-N-L-0.8	1.2	2.5	190.8	0.8	
SS-050-N-L-1.0	1.4	2.5	222.6	1.0	
SS-050-N-L-1.1	1.6	2.5	256.7	1.1	
SS-050-N-L-1.3	1.8	2.5	290.7	1.3	
SS-050-N-L-1.4	2	2.5	327.1	1.4	
SS-050-N-L-1.6	2.2	2.5	365.7	1.6	
SS-050-N-L-1.8	2.4	2.5	404.3	1.8	
SS-050-N-L-2.0	2.6	2.5	442.9	2.0	
SS-050-N-L-2.1	2.8	2.5	481.5	2.1	
SS-050-N-L-2.3	3	2.5	520.1	2.3	
SS-050-N-L-2.5	3.2	2.5	556.5	2.5	
SS-050-N-L-2.6	3.4	2.5	592.8	2.6	
SS-050-N-L-2.8	3.6	2.5	629.1	2.8	
SS-050-N-L-3.0	3.8	2.5	672.3	3.0	
SS-050-N-L-3.1	4	2.5	699.5	3.1	

1/2	"	1/2" Standard Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-050-N-S-1.3	0.3	2.8	291.0	1.3	
SS-050-N-S-1.4	0.4	2.8	308.0	1.4	
SS-050-N-S-1.7	0.6	2.8	378.0	1.7	
SS-050-N-S-2.0	0.8	2.8	459.0	2.0	
SS-050-N-S-2.5	1	2.8	575.0	2.5	
SS-050-N-S-2.9	1.2	2.8	654.0	2.9	
SS-050-N-S-3.4	1.4	2.8	765.0	3.4	
SS-050-N-S-3.9	1.6	2.9	875.0	3.9	
SS-050-N-S-4.3	1.8	2.9	977.0	4.3	
SS-050-N-S-4.7	2	2.9	1066.0	4.7	
SS-050-N-S-5.0	2.2	3.0	1145.0	5.0	
SS-050-N-S-5.3	2.4	3.0	1213.0	5.3	
SS-050-N-S-5.6	2.6	3.0	1274.0	5.6	
SS-050-N-S-5.9	2.8	3.0	1329.0	5.9	
SS-050-N-S-6.1	3	3.0	1390.0	6.1	
SS-050-N-S-6.3	3.2	3.1	1424.0	6.3	
SS-050-N-S-6.5	3.4	3.2	1466.0	6.5	
SS-050-N-S-6.6	3.6	3.2	1505.0	6.6	
SS-050-N-S-6.8	3.8	3.3	1542.0	6.8	
SS-050-N-S-6.9	4	3.3	1576.0	6.9	

3/4	"	3/4" Low Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-075-N-L-0.3	0.3	2.3	77.2	0.3	
SS-075-N-L-0.4	0.4	2.3	81.8	0.4	
SS-075-N-L-0.5	0.6	2.3	106.7	0.5	
SS-075-N-L-0.6	0.8	2.3	136.3	0.6	
SS-075-N-L-0.7	1	2.3	168.1	0.7	
SS-075-N-L-0.9	1.2	2.6	197.6	0.9	
SS-075-N-L-1.0	1.4	2.6	227.1	1.0	
SS-075-N-L-1.2	1.6	2.6	268.0	1.2	
SS-075-N-L-1.3	1.8	2.6	304.3	1.3	
SS-075-N-L-1.5	2	2.6	345.2	1.5	
SS-075-N-L-1.7	2.2	2.6	388.4	1.7	
SS-075-N-L-1.9	2.4	2.6	431.5	1.9	
SS-075-N-L-2.1	2.6	2.6	474.7	2.1	
SS-075-N-L-2.3	2.8	2.6	517.8	2.3	
SS-075-N-L-2.5	3	2.6	567.8	2.5	
SS-075-N-L-2.6	3.2	2.6	599.6	2.6	
SS-075-N-L-2.8	3.4	2.6	635.9	2.8	
SS-075-N-L-3.0	3.6	2.6	672.3	3.0	
SS-075-N-L-3.1	3.8	2.6	706.4	3.1	
SS-075-N-L-3.3	4	2.6	745.0	3.3	

3/4	"	3/4" Standard Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-075-N-S-1.3	0.3	2.8	305.0	1.3	
SS-075-N-S-1.5	0.4	2.8	333.0	1.5	
SS-075-N-S-1.8	0.6	2.9	406.0	1.8	
SS-075-N-S-2.1	0.8	3	487.0	2.1	
SS-075-N-S-2.6	1	3.2	598.0	2.6	
SS-075-N-S-3.0	1.2	3.2	672.0	3.0	
SS-075-N-S-3.4	1.4	3.2	775.0	3.4	
SS-075-N-S-3.9	1.6	3.2	884.0	3.9	
SS-075-N-S-4.4	1.8	3.2	993.0	4.4	
SS-075-N-S-4.8	2	3.2	1100.0	4.8	
SS-075-N-S-5.3	2.2	3.2	1201.0	5.3	
SS-075-N-S-5.7	2.4	3.2	1294.0	5.7	
SS-075-N-S-6.1	2.6	3.2	1379.0	6.1	
SS-075-N-S-6.4	2.8	3.2	1457.0	6.4	
SS-075-N-S-6.8	3	3.2	1544.0	6.8	
SS-075-N-S-7.0	3.2	3.2	1593.0	7.0	
SS-075-N-S-7.3	3.4	3.2	1653.0	7.3	
SS-075-N-S-7.5	3.6	3.3	1709.0	7.5	
SS-075-N-S-7.8	3.8	3.3	1761.0	7.8	
SS-075-N-S-8.0	4	3.3	1821.0	8.0	

Note: Min. Delta P Available at Selected Flow Rate. See Website for Specifc Flow Rate Settings Calculator



Simple Set - Flow Rate Charts

1"		1" Standard Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-1-N-S-1.8	0.3	3.9	400.0	1.8	
SS-1-N-S-1.8	0.4	3.9	414.0	1.8	
SS-1-N-S-2.1	0.6	3.9	470.0	2.1	
SS-1-N-S-2.3	0.8	3.9	532.0	2.3	
SS-1-N-S-2.7	1	3.9	618.0	2.7	
SS-1-N-S-3.0	1.2	3.9	676.0	3.0	
SS-1-N-S-3.4	1.4	3.9	762.0	3.4	
SS-1-N-S-3.8	1.6	4	857.0	3.8	
SS-1-N-S-4.2	1.8	4	961.0	4.2	
SS-1-N-S-4.7	2	4	1071.0	4.7	
SS-1-N-S-5.2	2.2	4	1182.0	5.2	
SS-1-N-S-5.7	2.4	4	1286.0	5.7	
SS-1-N-S-6.1	2.6	4	1381.0	6.1	
SS-1-N-S-6.5	2.8	4	1467.0	6.5	
SS-1-N-S-6.9	3	4.1	1560.0	6.9	
SS-1-N-S-7.1	3.2	4.1	1611.0	7.1	
SS-1-N-S-7.4	3.4	4.2	1673.0	7.4	
SS-1-N-S-7.6	3.6	4.3	1730.0	7.6	
SS-1-N-S-7.8	3.8	4.4	1781.0	7.8	
SS-1-N-S-8.1	4	4.5	1830.0	8.1	

1-1/4	1"	1-1/4" Standard Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-125-N-S-3.0	0.3	3	690.0	3.0	
SS-125-N-S-3.2	0.4	3.1	735.0	3.2	
SS-125-N-S-4.0	0.6	3.1	910.0	4.0	
SS-125-N-S-4.8	0.8	3.1	1079.0	4.8	
SS-125-N-S-5.5	1	3.2	1245.0	5.5	
SS-125-N-S-6.2	1.2	3.2	1406.0	6.2	
SS-125-N-S-6.9	1.4	3.2	1564.0	6.9	
SS-125-N-S-7.6	1.6	3.2	1718.0	7.6	
SS-125-N-S-8.2	1.8	3.2	1869.0	8.2	
SS-125-N-S-8.9	2	3.2	2017.0	8.9	
SS-125-N-S-9.5	2.2	3.2	2162.0	9.5	
SS-125-N-S-10.1	2.4	3.2	2304.0	10.1	
SS-125-N-S-10.8	2.6	3.2	2444.0	10.8	
SS-125-N-S-11.4	2.8	3.2	2581.0	11.4	
SS-125-N-S-12.1	3	3.2	2748.0	12.1	
SS-125-N-S-12.3	3.2	3.2	2787.0	12.3	
SS-125-N-S-12.5	3.4	3.3	2837.0	12.5	
SS-125-N-S-12.7	3.6	3.3	2887.0	12.7	
SS-125-N-S-12.9	3.8	3.4	2938.0	12.9	
SS-125-N-S-13.2	4	3.5	3000.0	13.2	

1-1/2	2"	1-1/2" Standard Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-150-N-S-2.4	0.3	3.0	541.0	2.4	
SS-150-N-S-3.1	0.4	3.0	695.0	3.1	
SS-150-N-S-5.7	0.6	3.0	1291.0	5.7	
SS-150-N-S-8.2	0.8	3.0	1856.0	8.2	
SS-150-N-S-10.9	1	3.0	2480.0	10.9	
SS-150-N-S-12.8	1.2	3.1	2912.0	12.8	
SS-150-N-S-15.0	1.4	3.2	3409.0	15.0	
SS-150-N-S-17.1	1.6	3.4	3887.0	17.1	
SS-150-N-S-19.1	1.8	3.5	4346.0	19.1	
SS-150-N-S-21.1	2	3.6	4797.0	21.1	
SS-150-N-S-23.0	2.2	3.7	5231.0	23.0	
SS-150-N-S-24.9	2.4	3.8	5653.0	24.9	
SS-150-N-S-26.7	2.6	3.9	6064.0	26.7	
SS-150-N-S-28.5	2.8	3.9	6465.0	28.5	
SS-150-N-S-30.3	3	4.0	6875.0	30.3	
SS-150-N-S-31.0	3.2	4.2	7051.0	31.0	
SS-150-N-S-31.6	3.4	4.4	7183.0	31.6	
SS-150-N-S-32.2	3.6	4.5	7315.0	32.2	
SS-150-N-S-32.8	3.8	4.7	7447.0	32.8	
SS-150-N-S-33.4	4	4.9	7582	33.4	

2"		2" Standard Flow Rate Cartridge			
Model Number	Pre-Set	Min. PSI	Flow I/h	Flow GPM	
SS-2-N-S-2.6	0.3	4.9	596.0	2.6	
SS-2-N-S-3.5	0.4	4.9	797.0	3.5	
SS-2-N-S-7.1	0.6	4.9	1613.0	7.1	
SS-2-N-S-10.8	0.8	4.9	2449.0	10.8	
SS-2-N-S-15.5	1	4.9	3514.0	15.5	
SS-2-N-S-18.3	1.2	4.9	4161.0	18.3	
SS-2-N-S-22.1	1.4	4.9	5025.0	22.1	
SS-2-N-S-25.9	1.6	4.9	5885.0	25.9	
SS-2-N-S-29.7	1.8	4.9	6736.0	29.7	
SS-2-N-S-33.3	2	4.9	7572.0	33.3	
SS-2-N-S-36.9	2.2	4.9	8387.0	36.9	
SS-2-N-S-40.4	2.4	4.9	9180.0	40.4	
SS-2-N-S-43.8	2.6	4.9	9946.0	43.8	
SS-2-N-S-47.1	2.8	4.9	10686.0	47.1	
SS-2-N-S-50.9	3	4.9	11568.0	50.9	
SS-2-N-S-53.2	3.2	5.0	12082.0	53.2	
SS-2-N-S-56.1	3.4	5.1	12740.0	56.1	
SS-2-N-S-58.9	3.6	5.3	13372.0	58.9	
SS-2-N-S-61.6	3.8	5.4	13988.0	61.6	
SS-2-N-S-64.7	4	5.5	14700.0	64.7	

Note: Min. Delta P Available at Selected Flow Rate. See Website for Specifc Flow Rate Settings Calculator



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