

## **Control Valves, Fittings and Accessories**

INTERNATIONAL



## WS1EI TWIN ALTERNATING CONTROL VALVE

106 lpm • 6.36 m³/h • 28 gpm



## WS1CI TWIN ALTERNATING CONTROL VALVE

106 lpm • 6.36 m³/h • 28 gpm



WS2GI/QG\* 473 lpm • 28.4 m³/h 125 gpm



WS2EI/QG\* WS2SQ/QG\* 473 lpm • 28.4 m³/h 125 gpm



**WS2H** 473 lpm • 28.4 m³/h 125 gpm



**WS3** 946 lpm • 56.8 m³/h 250 gpm



WS1.5Cl 265 lpm • 15.9 m³/h 70 gpm



WS1.5EI WS1.5SQ 265 lpm • 15.9 m³/h 70 gpm



**WS2GI** 435 lpm • 26.1 m³/h 115 gpm



WS2EI WS2SQ 435 lpm • 26.1 m³/h 115 gpm



WS1.25\*
129 lpm • 7.7 m³/h
34 gpm



WS1.25CI\*
129 lpm • 7.7 m³/h
34 gpm



WS1.25EI\* WS1.25SQ\* 129 lpm • 7.7 m<sup>3</sup>/h 34 gpm



WS1.25TC\*
129 lpm • 7.7 m³/h
34 gpm



WS1\*
102 lpm • 6.1 m³/h
27 qpm



WS1CI\* 102 lpm • 6.1 m³/h 27 gpm



WS1EI\* WS1SQ\* 102 lpm • 6.1 m³/h 27 gpm



WS1TC\*
102 lpm • 6.1 m³/h
27 gpm

\*valves shown with optional accessories



- Service flow 106 lpm (6.36 m³/h) (28 gpm), backwash flow 57 lpm (3.40 m³/h) (15 gpm) with meter and bypass installed
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer), and Tank in Service Indication
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service
- Coin Cell Lithium battery back-up with a 8 hour carry over
- Backwash and brining ability to 21" diameter tanks
- Downflow or upflow brining regeneration
- Level VI 15-volt output DC power supply provides safe and easy installation
- Treated/Soft water post fill and regeneration cycles
- Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
- Patented linearly reciprocating piston operation U.S. Patent 6,444,127
- Reliable and proven DC drives

## **Water Specialist 1" El Twin Alternating Specifications**

Inlet/Outlet Fittings	¾" to 1.5" NPS
Cycles	
Valve Material	•
Regeneration	• • •
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FLOW RATES	
Service @15 psi/1 bar drop (includes bypass and meter)	106 lpm (6.36 m³/h) (28 gpm)
Backwash @ 25 psi/1.7 bar drop (includes bypass)	
Cv Service	
Cv Backwash	2.96
OPERATING PRESSURES	
OPERATING PRESSURES	4.4.00 han (00 mail 405 mail)
Minimum/Maximum	1.4 - 8.6 bar (20 psi – 125 psi)
OPERATING TEMPERATURES	
Minimum/Maximum	4° - 43°C (40° – 110° F)
METER	
Accuracy	± 5%
Flow Rate Range	0.95 - 102 lpm
Gallon Range	0.02 - 5,700 m <sup>3</sup>
Totalizer	0.001 - 9,999,000 m³
DIMENSIONS & WEIGHT	
Distributor Pilot	1.050" OD Pipe (¾" NPS)
Drain Line	¾" or 1" Male NPT
Brine Line	
Mounting Base	2 ½" - 8 NPSM
Height From Top Of Tank	• •
Weight	7.25 kg (16 lbs.)
ELECTRICAL SPECIFICATIONS	POWER SUPPLY
ELECTRICAL SPECIFICATIONS	
Supply Voltage	International
Supply Frequency	
Output Voltage Output Current	
Output Gurrent	500 IIIA
TANK APPLICATIONS	
Water Softener	6" – 21" diameter
Water Filter (2)	6" – 16" diameter
. ,	
CYCLES OF OPERATION (Softener / Filter Downflow)	
	<u>Softener</u> <u>Filter</u>
Cycle	Range of time in minutes
1. Backwash 1st	1-120 or off Backwash 1-120 or off
2. Regenerate Draw/Slow Rinse	1-180 or off
3. Backwash 2 <sup>nd</sup>	
4. Fast Rinse	1-120 or off Rinse 1-120 or off
5. Regenerant Refill	0.1-99.0 or off
6. Service (downflow)	

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

- 1. Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company
- 2. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area



- Service flow 106 lpm (6.36 m³/h) (28 gpm), backwash flow 57 lpm (3.40 m3/h) (15 gpm) with meter and bypass installed
- Solid state microprocessor with easy access front panel settings
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Program in ppm, French degrees, German degrees, or cubic meters
- Fully programmable regeneration cycle sequence (maximum 9)
- Programmable regeneration cycle times
- Days override feature; 1 28 days available
- Backwash and brining ability to 21" diameter tanks
- Downflow/upflow regeneration
- Stores system configuration and operation data in nonvolatile memory
- Coin Cell Lithium battery back-up with a 24 hour carry over
- Level VI 15-volt output DC power supply provides safe and easy installation
- Control valve design provides optimum service and backwash rates
- Soft/treated water regeneration
- Pre or Post soft/treated water regenerant refill
- Low salt alarm
- 24-hour clock
- Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
- Patented linearly reciprocating piston operation U.S. Patent 6,444,127
- Reliable and proven DC drive

## **Water Specialist 1" CI Twin Alternating Specifications**

Inlet/Outlet Fittings	¾" to 1.5" NPS
Cycles	
Valve Material	
Regeneration	• • • •
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FLOW RATES	
Service @ 15 psi/1 bar drop (includes bypass and meter)	106 lpm (6.36 m³/h) (28 gpm)
Backwash @ 25 psi/1.7 bar drop (includes bypass)	
Cv Service	
Cv Backwash	2.96
OPERATING PRESSURES	
Minimum/Maximum	20 - 125 psi (1 / - 8 6 bar)
Millimum Maximum	20 - 123 psi (1.4 - 6.6 bai)
OPERATING TEMPERATURES	
Minimum/Maximum	40° - 110° F (4° – 43° C)
METER	
Accuracy	± 5%
Flow Rate Range	0.95 - 102 lpm
Volume Range	
Totalizer	
DIMENSIONS & WEIGHT	
Distributor Pilot	1.050" OD Pipe (¾" NPS)
Drain Line	¾" or 1" NPT
Brine Line	3/8" or 1/2" OD Poly Tube Compression
Mounting Base	2 ½"- 8 NPSM
Height From Top Of Tank	
Weight	
ELECTRICAL ERECIFICATIONS	DOWED CURRLY
ELECTRICAL SPECIFICATIONS	POWER SUPPLY
O	U.S. International
Supply Voltage	
Supply Frequency	
Output Voltage	
Output Current	500 mA500 mA
TANK APPLICATIONS	
Water Softener	6" - 21" Diameter
Water Filter (2)	
CYCLES OF OPERATION	
Choose up to nine regeneration cycles, in any order, with a	
Cycle	Range of values
Backwash	
Rinse	
Pause (service)	
Brine (co-current)	1 - 180 minutes
Brine (counter-current)	1 - 180 minutes
Refill (softener)	
Refill (filter)	

#### Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines

<sup>1.</sup> Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

<sup>2.</sup> Filter tank size calculated @ 10 gpm of backwash per square foot of bed area/407 lpm per square meter of bed area

#### 1" WATER SPECIALIST VALVE SPECIFICATIONS







<b>SPECIFICATIONS</b>	WS1	WS1CI
Service @ 1 bar/15 psi drop Backwash @ 1.7 bar/25 psi drop	102 lpm, 6.1 m <sup>3</sup> /h (includes meter and bypass) 102 lpm, 6.1 m <sup>3</sup> /h (includes bypass)	102 lpm, 6.1 m <sup>3</sup> /h (includes meter and bypass) 102 lpm, 6.1 m <sup>3</sup> /h (includes bypass)
Tank Applications: Softener Filter (1)	6" - 21" diameter 6" - 21" diameter	6" - 21" diameter 6" - 21" diameter
Inlet/Outlet Fitting Connections	3/4" - 1.25" Male BSPT 3/4" - 1.5" Sweat 3/4" - 1.5" Solvent	3/4" - 1.25" Male BSPT 3/4" - 1.5" Sweat 3/4" - 1.5" Solvent
Valve Material Cycles Regeneration	Noryl (2) Up to 6 Downflow/Upflow	Noryl (2) Up to 9 Downflow/Upflow
Operating Pressures Operating Temperatures	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
Meter: Flow Rate Range Volume Range (cubic meters) Totalizer	.95 - 102 lpm .07 - 189m³ Yes	.95 - 102 lpm .10 - 2000.0m³ Yes
Distributor Pilot	1.050 O.D. Pipe	1.050 O.D. Pipe
Drain Line Connection	3/4" Male NPT Standard 1" Male NPT Optional	3/4" Male NPT Standard 1" Male NPT Optional
Brine Line Connection	3/8" or 1/2" O.D. Poly Tube Compression	3/8" or 1/2" O.D. Poly Tube Compression
Mounting Base Options	2½" - 8 NPSM	2½" - 8 NPSM
Height From Top of Tank	187mm	187mm
Shipping Weight	2 Kg	2 Kg
Electrical: Supply Voltage Supply Frequency Output Voltage	200VAC to 240VAC 50/60 Hz 15VDC	200VAC to 240VAC 50/60 Hz 15VDC
Output Current	500 mA	500 mA

<sup>1.</sup> Filter tank size calculated @ 407 lpm per m² of bed area/10 gpm of backwash per square foot of bed area

<sup>2.</sup> Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

### 1" WATER SPECIALIST VALVE SPECIFICATIONS





	I .
WS1EI WS1SQ	WS1TC
102 lpm, 6.1 m <sup>3</sup> /h (includes meter and bypass)	102 lpm, 6.1 m <sup>3</sup> /h (includes meter and bypass)
102 lpm, 6.1 m³/h (includes bypass)	102 lpm, 6.1 m <sup>3</sup> /h (includes bypass)
6" - 21" diameter 6" - 21" diameter	6" - 21" diameter 6" - 21" diameter
<sup>3</sup> / <sub>4</sub> " - 1.25" Male BSPT   <sup>3</sup> / <sub>4</sub> " - 1.5" Sweat	<sup>3</sup> / <sub>4</sub> " - 1.25" Male BSPT <sup>3</sup> / <sub>4</sub> " - 1.5" Sweat
3/4" - 1.5" Solvent	<sup>3</sup> / <sub>4</sub> " - 1.5" Solvent
Noryl (2) Up to 6 Downflow/Upflow	Noryl (2) Up to 6 Downflow
1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
.95 - 102 lpm .02 - 5700m <sup>3</sup> Yes	Not Applicable
1.050 O.D. Pipe	1.050 O.D. Pipe
3/4" Male NPT Standard 1" Male NPT Optional	3/4" Male NPT Standard 1" Male NPT Optional
3/8" or 1/2" O.D.	3/8" or 1/2" O.D.
Poly Tube Compression	Poly Tube Compression
2½" - 8 NPSM	2½" - 8 NPSM
187mm	187mm
2 Kg	2 Kg
200VAC to 240VAC or 6AA NMHB 50/60 Hz 15VDC 500 mA	200VAC to 240VAC 50/60 Hz 15VDC 500 mA

#### 1.25" WATER SPECIALIST VALVE SPECIFICATIONS







<u>SPECIFICATIONS</u>	WS1.25	WS1.25CI
		W9112361
Service @ 1 bar/15 psi drop	129 lpm, 7.7 m³/h (includes meter and bypass)	129 lpm, 7.7 m³/h (includes meter and bypass)
I	121 lpm, 7.3 m³/h (includes bypass)	121 lpm, 7.3 m <sup>3</sup> /h (includes bypass)
Tank Applications:		
	6" - 21" diameter	6" - 21" diameter
. ,	6" - 24" diameter	6" - 24" diameter
1 1	3/4" - 1.25" Male BSPT	3/4" - 1.25" Male BSPT
1	3/4" - 1.5" Sweat	3/4" - 1.5" Sweat
	3/4" - 1.5" Solvent	3/4" - 1.5" Solvent
Valve Material	Noryl (2)	Noryl (2)
-	Up to 6	Up to 9
Regeneration [	Downflow/Upflow	Downflow/Upflow
	1.4 - 8.6 bar	1.4 - 8.6 bar
Operating Temperatures	4° - 43° C	4° - 43° C
Meter:		
Flow Rate Range	.95 - 129 lpm	.95 - 129 lpm
1	.500 - 250.0m³	.10 - 2000.0m³
Totalizer	Yes	Yes
Distributor Pilot 3	32mm O.D. Pipe	32mm O.D. Pipe
1	3/4" Male NPT Standard	3/4" Male NPT Standard
1	1" Male NPT Optional	1" Male NPT Optional
Brine Line Connection 3	3/8" or 1/2" O.D.	3/8" or 1/2" O.D.
F	Poly Tube Compression	Poly Tube Compression
Mounting Base Options 2	2-1/2" - 8 NPSM	2-1/2" - 8 NPSM
Height From Top of Tank	187mm	187mm
Shipping Weight w/Meter 2	2 Kg	2 Kg
Electrical:		
	200VAC to 240VAC	200VAC to 240VAC
	50/60 Hz	50/60 Hz
•	15VDC	15VDC
Output Current 5	500 mA	500 mA

<sup>1.</sup> Filter tank size calculated @ 407 lpm per m² of bed area/10 gpm of backwash per square foot of bed area

<sup>2.</sup> Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

### 1.25" WATER SPECIALIST VALVE SPECIFICATIONS





WS1.25EI WS1.25SQ	WS1.25TC
129 lpm, 7.7 m <sup>3</sup> /h (includes meter and bypass)	129 lpm, 7.7 m³/h (includes meter and bypass)
121 lpm, 7.3 m <sup>3</sup> /h (includes bypass)	121 lpm, 7.3 m <sup>3</sup> /h (includes bypass)
6" - 21" diameter 6" - 24" diameter 3/4" - 1.25" Male BSPT	6" - 21" diameter 6" - 24" diameter 3/4" - 1.25" Male BSPT
3/4" - 1.5" Sweat	3/4" - 1.5" Sweat
3/4" - 1.5" Solvent	3/4" - 1.5" Solvent
Noryl (2) Up to 6 Downflow/Upflow	Noryl (2) Up to 6 Downflow
1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
.95 - 129 lpm .02 - 5700m³ Yes 32mm O.D. Pipe 3/4" Male NPT Standard 1" Male NPT Optional 3/8" or 1/2" O.D.	Not Applicable  32mm O.D. Pipe  3/4" Male NPT Standard 1" Male NPT Optional  3/8" or 1/2" O.D.
Poly Tube Compression	Poly Tube Compression
2-1/2" - 8 NPSM	2-1/2" - 8 NPSM
187mm	187mm
2 Kg	2 Kg
200VAC to 240VAC or 6AA NMHB 50/60 Hz 15VDC 500 mA	200VAC to 240VAC or 6AA NMHB 50/60 Hz 15VDC 500 mA

#### 1.5" WATER SPECIALIST VALVE SPECIFICATIONS







SPECIFICATIONS	WS1.5CI	WS1.5EI WS1SQ
Service @ 1 bar/15 psi drop Backwash @ 1.7 bar/25 psi drop	265 lpm, 15.9 m <sup>3</sup> /h 197 lpm, 11.8 m <sup>3</sup> /h	265 lpm, 15.9 m³/h 197 lpm, 11.8 m³/h
Tank Applications: Softener Filter (1)	12" - 30" diameter 12" - 30" diameter	12" - 30" diameter 12" - 30" diameter
Inlet/Outlet Fitting Connections	1.5" Female BSPT or NPT	1.5" Female BSPT or NPT
Valve Material Cycles Regeneration	Lead Free Brass Up to 9 Downflow/Upflow	Lead Free Brass Up to 6 Downflow/Upflow
Operating Pressures Operating Temperatures	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
Meter: Flow Rate Range Volume Range Totalizer	2 - 284 lpm 0.02 - 5700 m <sup>3</sup> Yes	2 - 284 lpm 0.02 - 5700 m <sup>3</sup> Yes
Distributor Pilot	50mm O.D. or 1.90" O.D. Pipe	50mm O.D. or 1.90" O.D. Pipe
Drain Line Connection	1.25" Female NPT with 34" Male NPT Standard 1" Male NPT Optional	1.25" Female NPT with 34" Male NPT Standard 1" Male NPT Optional
Brine Line Connection	34" Female NPT 1/2" O.D. Poly Tube Compression	3/4" Female NPT 1/2" O.D. Poly Tube Compression
Mounting Base Options	4" - 8 UN	4" - 8 UN
Height From Top of Tank	191mm	191mm
Shipping Weight w/Meter	9.5 Kg	9.5 Kg
Electrical: Supply Voltage Supply Frequency Output Voltage Output Current	200VAC to 240VAC 50/60 Hz 15VDC 500 mA	200VAC to 240VAC or 6AA NMHB 50/60 Hz 15VDC 500 mA
Output Voltage Output Current	15VDC 500 mA	15VDC 500 mA

<sup>1.</sup> Filter tank size calculated @ 407 lpm per m² of bed area/10 gpm of backwash per square foot of bed area

<sup>2.</sup> Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

#### 2" WATER SPECIALIST VALVE SPECIFICATIONS









WS2CI	WS2CI/QC	WS2EI WS2SQ	WS2EI/QC WS2SQ/QC
435 lpm, 26.1 m³/h 303 lpm, 18.2 m³/h	473 lpm, 28.4 m³/h 322 lpm, 19.3 m³/h	435 lpm, 26.1 m³/h 303 lpm , 18.2 m³/h	473 lpm, 28.4 m³/h 322 lpm, 19.3 m³/h
12" - 48" diameter 12" - 36" diameter	12" - 48" diameter 12" - 36" diameter	12" - 48" diameter 12" - 36" diameter	12" - 48" diameter 12" - 36" diameter
2" Female BSPT or NPT	2" Female BSPT or NPT	2" Female BSPT or NPT	2" Female BSPT or NPT
Lead Free Brass Up to 9 Downflow/Upflow	Lead Free Brass Up to 9 Downflow/Upflow	Lead Free Brass Up to 6 Downflow/Upflow	Lead Free Brass Up to 6 Downflow/Upflow
1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
5.7 - 568 lpm 0.02 - 5700 m <sup>3</sup> Yes	5.7 - 568 lpm 0.02 - 5700 m <sup>3</sup> Yes	5.7 - 568 lpm 0.02 - 5700 m <sup>3</sup> Yes	5.7 - 568 lpm 0.02 - 5700 m <sup>3</sup> Yes
50mm O.D. or 1.90" O.D. Pipe	63mm O.D. or 2.375" O.D. Pipe	50mm O.D. or 1.90" O.D. Pipe	63mm O.D. or 2.375" O.D. Pipe
1.5" Female NPT	1.5" Female NPT	1.5" Female NPT	1.5" Female NPT
1" Male NPT elbow 34" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression	1" Male NPT elbow 3/4" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression	1" Male NPT elbow 34" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression	1" Male NPT elbow 34" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression
4" - 8 UN	Quick Disconnect 4" - 8 UN 6" Flange or Side Mount	4" - 8 UN	Quick Disconnect 4" - 8 UN 6" Flange or Side Mount
216mm	with 4" - 8 UN QC Base is 284.5mm with 6" Flange QC Base is 287mm	216mm	with 4" - 8 UN QC Base is 284.5mm with 6" Flange QC Base is 287mm
13 Kg	14 Kg	13 Kg	14 Kg
200VAC to 240VAC 50/60 Hz 15VDC	200VAC to 240VAC 50/60 Hz 15VDC	200VAC to 240VAC or 6AA NMHB 50/60 Hz 15VDC	200VAC to 240VAC 50/60 Hz 15VDC
500 mA	500 mA	500 mA	500 mA

#### 2" & 3" WATER SPECIALIST VALVE SPECIFICATIONS







<b>SPECIFICATIONS</b>	WS2H	WS3	
Service @ 1 bar/15 psi drop Backwash @ 1.7 bar/25 psi drop	473 lpm, 28.4 m³/h (includes meter) 473 lpm, 28.4 m³/h	946 lpm, 56.8 m³/h 833 lpm, 50.0 m³/h	
Tank Applications: Softener Filter (1)	18" - 63" diameter 18" - 48" diameter	18" - 96" diameter 18" - 63" diameter	
Inlet/Outlet Fitting Connections	2" Female BSPT or NPT/ 2.5" Groove Lock	3" Female BSPT or NPT	
Valve Material Cycles Regeneration	Lead Free Brass Up to 9 Downflow	Lead Free Brass Up to 9 Downflow	
Operating Pressures Operating Temperatures	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C	
Meter: Flow Rate Range Volume Range Totalizer	5.7 - 473 lpm 38 - 3796.2 liters x 1000 Yes	13 - 1,325 lpm 38 - 3796.2 liters x 1000 Yes	
Distributor Pilot	63mm O.D. or 2.375" O.D. Pipe	90mm or 3.5" O.D. Pipe 3" NPS	
Drain Line Connection	2" Female NPT or BSPT 2.5" Groove Lock	3" Female NPT or BSPT	
Brine Line Connection	1" Male NPT elbow ¾" x 1" Solvent elbow	1" Male NPT elbow ¾" x 1" Solvent elbow	
Mounting Base Options	Quick Disconnect 4" - 8 UN 6" Flange Side Mount	Quick Disconnect 6" Flange Side Mount	
Height From Top of Tank	with 4" - 8 UN QC Base is 292mm with 6" Flange QC Base is 294.6mm	with 6" Flange QC Base is 318mm	
Shipping Weight w/Meter	22.7 Kg	25.9 Kg	
Electrical: Supply Voltage Supply Frequency Output Voltage	230V AC 50 Hz 18V AC	230V AC 50 Hz 18V AC	
Output Current	750 mA	750 mA	

<sup>1.</sup> Filter tank size calculated @ 407 lpm per m² of bed area/10 gpm of backwash per square foot of bed area

<sup>2.</sup> Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

# 1" & 1.25" Control Valve Fittings and Accessories

























# 1" & 1.25" Control Valve Fittings and Accessories

























## **Control Valve Accessories**

























## **Control Valve Accessories**













# 1" & 1.25" Control Valve Fittings and Accessories

1" & 1.25"
Motorized Alternating Valve



**Order No. V3069FF-01 • F** x **F** 

1" & 1.25"
No Hard Water Bypass Valve



Order No. V3070FF • F x F

1" & 1.25"

Motorized Alternating Valve



Order No. V3069MM-01 • M x M

1" & 1.25"
No Hard Water Bypass Valve



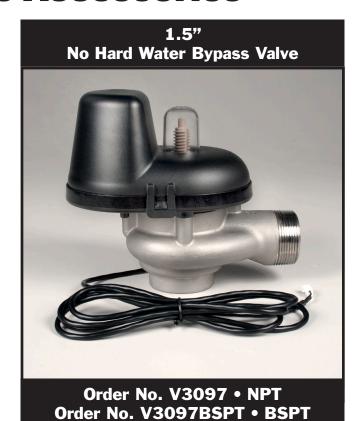
Order No. V3070FM • F x M

# 1.5" and 2" Control Valve Accessories





Order No. V3071 • NPT Order No. V3071BSPT • BSPT







## **3" Control Valve Accessories**



