



Control Valves, Fittings and Accessories

INTERNATIONAL

TWIN TANK ALTERNATING CONTROL VALVES



**WS1CI TWIN TANK
WS1EI TWIN TANK**
106 lpm • 6.36 m³/h • 28 gpm



**WS1.5 EI TWIN TANK
WS1.5 CI TWIN TANK**
204 lpm • 12.3 m³/h • 54 gpm



WS2HF

624 lpm • 37 m³/h
165 gpm



WS3

946 lpm • 56.8 m³/h
250 gpm



**WS1.5PBEI
WS1.5PBCI**
182 lpm • 10.9 m³/h
48 gpm



**WS1.5PCI
WS1.5PEI**
227 lpm • 13.6 m³/h
60 gpm



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



**WS2PCI
WS2PEI**
359 lpm • 21.6 m³/h
95 gpm



**WS2CI
WS2EI**
435 lpm • 26.1 m³/h
115 gpm



**WS2EI/QC*
WS2CI/QC***
473 lpm • 28.4 m³/h
125 gpm



WS1.25*
129 lpm • 7.7 m³/h
34 gpm



WS1.25CI*
129 lpm • 7.7 m³/h
34 gpm



WS1.25EI*
129 lpm • 7.7 m³/h
34 gpm



WS1.25TC*
129 lpm • 7.7 m³/h
34 gpm



WS1*
102 lpm • 6.1 m³/h
27 gpm



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

1" AND 1.25" WATER SPECIALIST VALVE SPECIFICATIONS



SPECIFICATIONS

WS1 *
EI, CI, SQ, TC, WS1

WS1TT
EI, CI

WS1.25 *
EI, CI, TC, WS1

Service @ 1 bar/15 psi drop

102 lpm, 6.1 m³/h, 27 gpm
(includes meter and bypass)

106 lpm, 6.36 m³/h, 28 gpm
(includes meter and bypass)

129 lpm, 7.7 m³/h, 34 gpm
(includes meter, bypass,
and 1.25" fitting kit)

Backwash @ 1.7 bar/25 psi drop

102 lpm, 6.1 m³/h, 27 gpm
(includes bypass)

57 lpm, 3.4 m³/h, 15 gpm
(includes bypass)

121 lpm, 7.3 m³/h, 32 gpm
(includes bypass)

Tank Applications:

Softener Filter (1)

6" - 21" diameter
6" - 21" diameter

6" - 21" diameter
6" - 16" diameter

6" - 21" diameter
6" - 24" diameter

Inlet/Outlet Fitting Connections (2)

¾" - 1.25" Male BSPT

¾" - 1.25" Male BSPT

¾" - 1.25" Male BSPT

Valve Material Cycles Regeneration

Glass Filled Composite
Up to 6
Downflow/Upflow

Glass Filled Composite
Up to 6
Downflow/Upflow

Glass Filled Composite
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

1.4 - 8.6 bar
4° - 43° C

Meter: Flow Rate Range

.95 - 102 lpm

.95 - 102 lpm

.95 - 129 lpm

Distributor Pilot

1.050" O.D. Pipe
¾" NPS

1.050" O.D. Pipe
¾" NPS

1.32" O.D. Pipe, 32mm O.D.
1" NPS

Drain Line Connection

¾" Male NPT Standard
1" Male NPT Optional

¾" Male NPT Standard
1" Male NPT Optional

¾" Male NPT Standard
1" Male NPT Optional

Brine Line Connection

⅜" Brine QC Fitting
½" O.D. Poly Tube
Compression

⅜" Brine QC Fitting
½" O.D. Poly Tube
Compression

⅜" Brine QC Fitting
½" O.D. Poly Tube
Compression

Mounting Base Options

2½" - 8 NPSM

2½" - 8 NPSM

2½" - 8 NPSM

Height From Top of Tank

187mm

187mm

187mm

Shipping Weight

2 kg

7.25 kg

2 kg

Certifications and Optional Third-Party Testing

NSF/ANSI 44
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

NSF/ANSI 44
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

NSF/ANSI 44
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

1. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area

2. See pages 10 and 11 for all available fittings for WS1, WS1TT, and WS1.25

See pages 12 for all available fittings for WS1.5P and WS1.5TT

* Optional mixing valve available.

Valves shown with optional bypass.

1.5" WATER SPECIALIST VALVE SPECIFICATIONS



WS1.5PB
EI, CI

WS1.5TT
CI, EI

WS1.5P
EI, CI, SQ

WS1.5
EI, CI, SQ

182 lpm, 10.9 m³/h, 48 gpm
(includes meter)

204 lpm, 12.3 m³/h, 54 gpm
(includes meter)

227 lpm, 13.6 m³/h, 60 gpm
(includes meter)

265 lpm, 15.9 m³/h, 70 gpm
(includes meter)

163 lpm, 9.8 m³/h, 43 gpm

83 lpm, 4.9 m³/h, 22 gpm

163 lpm, 9.8 m³/h, 43 gpm

197 lpm, 11.8 m³/h, 52 gpm

12" - 24" diameter
12" - 24" diameter

12" - 24" diameter
12" - 18" diameter

12" - 24" diameter
12" - 24" diameter

12" - 24" diameter
12" - 30" diameter

QC to 1.5" Male BSPT
or NPT Elbow
QC to 1.5" Male BSPT
or NPT Straight

QC to 1.5" Male BSPT
or NPT Elbow
QC to 1.5" Male BSPT
or NPT Straight

QC to 1.5" Male BSPT
or NPT Elbow
QC to 1.5" Male BSPT
or NPT Straight

1.5" Female BSPT or NPT

Glass Filled Composite
Up to 6
Downflow/Upflow

Glass Filled Composite
Up to 9
Downflow/Upflow

Glass Filled Composite
Up to 6
Downflow/Upflow

Lead Free Brass
Up to 9
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

2 - 284 lpm

2 - 284 lpm

2 - 284 lpm

2 - 284 lpm

50mm O.D. or 1.90" O.D.
Pipe

50mm O.D. or 1.90" O.D.
Pipe

50mm O.D. or 1.90" O.D.
Pipe

50mm O.D. or 1.90" O.D.
Pipe

QC to 1" BSPT or NPT Elbow
QC to 1.5" BSPT or NPT
Straight

QC to 1" BSPT or NPT Elbow
QC to 1.5" BSPT or NPT
Straight

QC to 1" NPT Elbow
QC to 1.5" NPT Straight

1.25" Female NPT with
¾" Male NPT Standard
1" Male NPT Optional

½" O.D. Poly Tube
Compression

½" O.D. Poly Tube
Compression

½" O.D. Poly Tube
Compression

½" O.D. Poly Tube
Compression

4" - 8 UN

4" - 8 UN

4" - 8 UN

4" - 8 UN

191mm

280mm

191mm

191mm

5 kg (without bypass)

8.1 kg

4.1 kg

9.5 kg

NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP54
IP55 with Weather Cover

2" WATER SPECIALIST VALVE SPECIFICATIONS



SPECIFICATIONS	WS2P CI, EI	WS2 EI, CI	WS2QC EI, CI
Service @ 1 bar / 15 psi drop	359 lpm, 21.6 m ³ /h, 95 gpm (includes meter)	435 lpm, 26.1 m ³ /h, 115 gpm (includes meter)	473 lpm, 28.4 m ³ /h, 125 gpm (includes meter)
Backwash @ 1.7 bar / 25 psi drop	322 lpm, 19.3 m ³ /h, 85 gpm	303 lpm, 18.2 m ³ /h, 80 gpm	322 lpm, 19.3 m ³ /h, 85 gpm
Tank Applications:			
Softener	12" - 48" diameter	12" - 48" diameter	12" - 48" diameter
Filter (1)	12" - 36" diameter	12" - 36" diameter	12" - 36" diameter
Inlet/Outlet Fitting Connections	QC to 2.0" Male BSPT or NPT Elbow QC to 2.0" Male BSPT or NPT Straight	2" Female BSPT or NPT	2" Female BSPT or NPT
Valve Material	Glass Filled Composite	Lead Free Brass	Lead Free Brass
Cycles Regeneration	Up to 6 Downflow/Upflow	Up to 6 Downflow/Upflow	Up to 6 Downflow/Upflow
Operating Pressures	1.4 - 8.6 bar	1.4 - 8.6 bar	1.4 - 8.6 bar
Operating Temperatures	4° - 43° C	4° - 43° C	4° - 43° C
Meter:			
Flow Rate Range	5.7 - 568 lpm	5.7 - 568 lpm	5.7 - 568 lpm
Distributor Pilot	50mm O.D. or 1.90" O.D. Pipe	50mm O.D. or 1.90" O.D. Pipe	63mm O.D. or 2.375" O.D. Pipe
Drain Line Connection	QC x 2.0" Male BSPT or NPT Elbow	1.5" Female NPT	1.5" Female NPT
Brine Line Connection	1" Male NPT and BSPT elbow ¾" x 1" Solvent elbow ½" O.D. Poly Tube Compression	1" Male NPT and BSPT elbow ¾" x 1" Solvent elbow ½" O.D. Poly Tube Compression	1" Male NPT and BSPT elbow ¾" x 1" Solvent elbow ½" O.D. Poly Tube Compression
Mounting Base Options	4" - 8 UN	4" - 8 UN	Quick Disconnect 4" - 8 UN 6" Flange Side Mount
Height From Top of Tank	317.5mm or 12.5"	191mm	with 4" - 8 UN QC Base is 284.5mm with 6" Flange QC Base is 287mm
Shipping Weight	4.98 kg or 11 lb	13 kg	14 kg
Certifications and Optional Third-Party Testing	NSF/ANSI/CAN 61 NSF/ANSI/CAN 372 IP54 IP55 with Weather Cover	NSF/ANSI/CAN 61 NSF/ANSI/CAN 372 IP54 IP55 with Weather Cover	NSF/ANSI/CAN 61 NSF/ANSI/CAN 372 IP54 IP55 with Weather Cover

1. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area
2. 18" - 63" diameter with standard injectors, to 96" with Brine Pump

2" AND 3" WATER SPECIALIST VALVE SPECIFICATIONS



WS2HF

WS3

624 lpm, 37 m³/h , 165 gpm
(includes meter)

946 lpm, 56.8 m³/h, 250 gpm
(includes meter)

662 lpm, 39 m³/h, 175 gpm

833 gpm, 50.0 m³/h, 220 gpm

18" - 63" diameter
18" - 54" diameter

18" - 96" diameter (2)
18" - 63" diameter

2" Female BSPT or NPT

3" Female BSPT or NPT

Lead Free Brass
Up to 9
Downflow

Lead Free Brass
Up to 9
Downflow

1.4 - 8.6 bar
4° - 43° C

1.4 - 8.6 bar
4° - 43° C

5.68 - 568 lpm

13 - 1,325 lpm

63mm or 2.375" O.D. Pipe

90mm or 3.5" O.D. Pipe

2" Female BSPT or NPT

3" Female BSPT or NPT

1" Male NPT and BSPT elbow
¾" x 1" Solvent elbow

1" Male NPT and BSPT elbow
¾" x 1" Solvent elbow

Quick Disconnect
4" - 8 UN
6" Flange
Side Mount

Quick Disconnect
6" Flange
Side Mount

with 4" - 8 UN QC Base is 287.02mm
with 6" Flange QC Base is 289.56mm

with 6" Flange QC Base is 318mm

22.7 kg (No Meter)

25.9 kg

NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP52

NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
IP52

INJECTOR SIZE BY TANK DIAMETER

WS1, WS1TT, AND WS1.25			
INJECTOR ORDER NUMBER	INJECTOR COLOR	TANK DIAMETER	
		DOWNFLOW	UPFLOW
V3010-1A	Black	6"	8"
V3010-1B	Brown	7"	9"
V3010-1C	Violet	8"	10"
V3010-1D	Red	9"	12"
V3010-1E	White	10"	13"
V3010-1F	Blue	12"	14"
V3010-1G	Yellow	13"	16"
V3010-1H	Green	14"	18"
V3010-1I	Orange	16"	21"
V3010-1J	Light Blue	18"	n/a
V3010-1K	Light Green	21"	n/a

WS1.5PB, WS1.5TT, WS1.5P, AND WS1.5			
INJECTOR ORDER NUMBER	INJECTOR COLOR	TANK DIAMETER	
		DOWNFLOW	UPFLOW
V3010-15B	Violet	12"	14"
V3010-15C	Red	13"	16"
V3010-15D	White	14"	18"
V3010-15E	Blue	16"	21"
V3010-15F	Yellow	18"	24"
V3010-15G	Green	21"	n/a
V3010-15H	Orange	24"	n/a

Note: Use only as a guide, injector sizing by tank diameter is based at 3.45 bar/50 PSI and will change based on water pressure. Use the injector flow data in the proper control valve manual for reference.

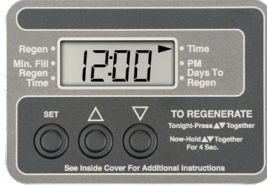
INJECTOR SIZE BY TANK DIAMETER

WS2P, WS2, AND WS2QC			
INJECTOR ORDER NUMBER	INJECTOR COLOR	TANK DIAMETER	
		DOWNFLOW	UPFLOW
V3010-2R-15B	Violet	12"	14"
V3010-2S-15C	Red	13"	16"
V3010-2T-15D	White	14"	18"
V3010-2U-15E	Blue	16"	21"
V3010-2A	Black	18"	24"
V3010-2B	Black	21"	30"
V3010-2C	Black	24"	36"
V3010-2D	Black	30"	42"
V3010-2E	Black	36"	48"
V3010-2F	Black	42"	n/a
V3010-2G	Black	48"	n/a

WS2HF AND WS3			
INJECTOR ORDER NUMBER	INJECTOR COLOR	TANK DIAMETER	
		DOWNFLOW	UPFLOW
V3010-2A	Black	18"	n/a
V3010-2B	Black	21"	n/a
V3010-2C	Black	24"	n/a
V3010-2D	Black	30"	n/a
V3010-2E	Black	36"	n/a
V3010-2F	Black	42"	n/a
V3010-2G	Black	48"	n/a
V3010-2H	Gray	63"	n/a

Note: Use only as a guide, injector sizing by tank diameter is based at 3.45 bar/50 PSI and will change based on water pressure. Use the injector flow data in the proper control valve manual for reference.

CLACK CONTROLLER SPECIFICATIONS



SPECIFICATIONS

WS1

TC

CI

EI

WS Valves Available

WS1, WS1.25

WS1, WS1.25

WS1, WS1TT, WS1.25, WS1.5PB, WS1.5P, WS1.5TT, WS1.5, WS2P, WS2, WS2QC

WS1, WS1TT, WS1.25, WS1.5PB, WS1.5P, WS1.5TT, WS1.5, WS2P, WS2, WS2QC

Display Type

LCD

LCD

LCD

LCD

Volume Range Liters m³ Gallons

20 - 50,000

N/A

.02 - 5,700

.02 - 5,700

Diagnostics/History

Yes

No

Yes

Yes

Data Extraction

No

No

No

No

Comm. Cable Port

No

No

1

1

Cycle Codes

Created Based on Programming

Yes
P0 - P9

No

No

Cycle Times Adjustable

No

No

Yes

Yes

DP Input

No

Yes

Yes

Yes

Motor Drive Output

No

No

1

1

Relay Driver or Relay Output

No

No

No

1 - Relay Driver

Remote Communications

No

No

No

No

External Programming

Configurator

Configurator

Configurator

Configurator

Data Extraction

No

No

No

No

Electrical Supply Voltage

200 to 240VAC

200 to 240VAC

200 to 240VAC

200 to 240VAC

Supply Frequency Voltage Output Current Output

50/60Hz
15VDC
500 mA

50/60Hz
15VDC
500 mA

50/60Hz
15VDC
500 mA

50/60Hz
15VDC
500 mA

Systems Types

Single
Alternate
Random
Series
Progressive Flow

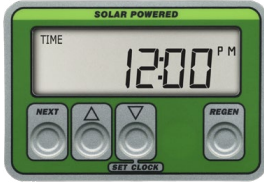
Yes
No
No
No
No

Yes
No
No
No
No

Yes
2 Valves or SC
2 Valves or SC
2 Valves or SC
System Controller

Yes
2 Valves or SC
2 Valves or SC
2 Valves or SC
System Controller

CLACK CONTROLLER SPECIFICATIONS



SQ	WS2HF & WS3		
	Pod	Main Board	Relay Expansion Board
WS1, WS1.5	WS2HF, WS3		
LCD	Monochrome Graphics	N/A	N/A
.02 - 5,700	50 - 5,000,000 10 - 999,000		
Yes	Yes		
No	Yes		
1	N/A	RJ45 Input & Output	N/A
No	No		
Yes	Yes		
Yes	N/A	Yes	No
1	N/A	1	1
1 - Relay Driver	N/A	Add Relay Expansion Board (Max - 2 Boards)	2 - Relays per board
No	Modbus-Half Duplex RS485		
Configurator	Flash Drive (update only)		
No	Yes		
6 AA Rechargeable Nickel Metal Hydride Batteries 50/60Hz 15VDC 500 mA	100-240VAC 50/60Hz 24VDC 800 mA		
Yes No 2 Valves 2 Valves No	N/A	Yes 2-16 Valves 2-16 Valves 2-16 Valves 2-16 Valves	N/A

CLACK CONTROLLER SPECIFICATIONS



SPECIFICATIONS	System Controller (SC)	WS Remote Meter Monitor
WS Valves Available	WS1, WS1.25, WS1.5PB, WS1.5P, WS1.5, WS2P, WS2, WS2QC	1" - 3" Clack Meters
Display Type	Monochrome Graphics	Dot Matrix Multicolor Backlight
Volume Range (Gallons)	Based on control valve circuit board	0 - 99,999,000
Diagnostics/History	Yes	Yes
Data Extraction	Yes	No
Comm. Cable Port	8	No
Cycle Codes	N/A	No
Cycle Times Adjustable	N/A	No
DP Input	Yes	Yes
Motor Drive Output	No	No
Relay Driver or Relay Output	2 - Relays	2 - Relay Drivers
Remote Communications	Modbus-TCP/IP	No
External Programming	Flash Drive (update only)	Configurator
Electrical Supply Voltage	100 to 240VAC	100 to 240VAC
Supply Frequency	50/60Hz	50/60Hz
Voltage Output	15VDC	15VDC
Current Output	500 mA	500 mA
Systems Types		
Single	Water Monitor	Water Monitor Only
Alternate	2 - 8 Valves*	No
Random	2 - 8 Valves*	No
Series	2 - 8 Valves*	No
Progressive Flow	2 - 8 Valves*	No

* Ability to set up 1 or 2 systems with up to 8 valves total.

Inline Flow Meters

1.0" Plastic Meter



Order No. V3039 or V3039-15

1.5" Plastic Meter



Order No. V3045 or V3045-15
Order No. V3045BSPT or V3045BSPT-15

1.5" Plastic Meter QC



Order No. V3045QC or V3045QC-15

WS1.5PB Straight Meter Kit



Order No. V3045QC-PB

WS1.5PB Elbow Meter Kit



Order No. V3045QC-PB90

2.0" Plastic Meter



Order No. V3048 or V3048-15
Order No. V3048BSPT or V3048BSPT-15

2.0" Plastic Meter QC



Order No. V3048QC or V3048QC-15

1.5" Stainless Steel Meter



Order No. V3040 • 28" meter cable
Order No. V3040-15 • 15' meter cable
Order No. V3040BSPT • 28" meter cable
Order No. V3040BSPT-15 • 15' meter cable

2.0" Stainless Steel Meter



Order No. V3094 • 28" meter cable
Order No. V3094-15 • 15' meter cable
Order No. V3094BSPT • 28" meter cable
Order No. V3094BSPT-15 • 15' meter cable

3.0" Stainless Steel Meter



Order No. V3095 • 48" meter cable
Order No. V3095-15 • 15' meter cable
Order No. V3095BSPT • 48" meter cable
Order No. V3095BSPT-15 • 15' meter cable

1" and 1.25" Control Valve Fittings



1" and 1.25" Control Valve Fittings

3/4" Plastic Male BSPT Assembly



3/4" John Guest® QC Elbow Assembly



1" Plastic Male BSPT Elbow Assembly



1" John Guest® QC Asy



3/4" Plastic Male NPT Asy



3/4" John Guest® QC Asy



1" John Guest® Fitting Elbow Asy



Vertical Elbow Union Adapter Kit Asy



1" Brass Press/Sweat Asy LF



Vertical Elbow Adapter Kit Asy



1" and 1.25" Control Valve Accessories

Bypass



Order No. V3006

Mixing Valve



Order No. V4099

Twin Interconnect Kit - 12"-21"



Order No. V4052-01

Inline Adapter Kit



Order No. V3467

Air Blocker 1.050" OD/0.75" NPS



Order No. D1047

Air Blocker 1.320" OD/1.00" NPS



Order No. D1047-01

Riser Hold Down Clamp 1.050"



Order No. D1301

Enhanced Oxygen Generator (EOG)



EOG Accessories



1.5" Control Valve Fittings and Accessories

WS1.5PB, WS1.5P, WS1.5TT, 1.5"P MAV, 1.5"P NBV, 1.5"P Meter

QC x 1.5" Stainless Steel



Order No. V4430-11 • NPT
Order No. V4430-12 • BSPT

QC x 1.5" Plastic



Order No. V4430-01 • NPT
Order No. V4430-02 • BSPT

1.5" and 2" PVC Solvent



Order No. V4430-13

QC x 1.5" Plastic Elbow



Order No. V4430-07 • NPT
Order No. V4430-08 • BSPT

QC x QC Plastic Elbow



Order No. V4430-09

QC x QC Plastic



Order No. V4430-03

QC x 1.5" Vertical Elbow Adapter



Order No. V4430-14

Air Blocker 1.90" OD/1.50" NPS



Order No. D1058

1.5" Bypass



Order No. V4678

1.5" Split Bypass



Order No. V4679

1.5" Isolation Valve



Order No. V4680

2" Control Valve Fittings

WS2P, 2"P MAV, 2"P NBV, 2"P Meter

QC x 2" Stainless Steel



Order No. V4460-11 • NPT
Order No. V4460-12 • BSPT

QC x 2" Plastic



Order No. V4460-01 • NPT
Order No. V4460-02 • BSPT

2" PVC Solvent



Order No. V4460-13

QC x 2" Plastic Elbow



Order No. V4460-04 • NPT
Order No. V4460-05 • BSPT

QC x QC Plastic Elbow



Order No. V4460-06

QC x QC Plastic



Order No. V4460-03

Air Blocker 1.90" OD/1.50" NPS



Order No. D1058

Drain Line Flow Controls

WS1 3/4" DRN ELB&RETAIN WO/SIL ASY



Order No. V3962
0.7 to 10.0 GPM
1 - 3/4" Flow Washer

WS1 3/4" DRN ELBOW&RETAIN W/SIL ASY



Order No. V4057
0.7 to 10.0 GPM
1 - 3/4" Flow Washer

WS1 1" DRN ELB&RETAIN



Order No. V4429
0.7 to 10.0 GPM
1 - 3/4" Flow Washer

WS1 FTG DRAIN 1 STRT WO/SIL



Order No. V3008-04
9.0 to 25.0 GPM
1 - 1" Flow Washer

WS1 FTG DRAIN 1 STRAIGHT W/SIL



Order No. V3008-02
9.0 to 25.0 GPM
1 - 1" Flow Washer

WS2 DRN ELB 3/4 MALENPT NO SIL



Order No. V3158-04
0.7 to 10.0 GPM
1 - 3/4" Flow Washer

WS2 DRN FTG 1 MALE NPT WO/SIL



Order No. V3008-05
9.0 to 25.0 GPM
1 - 1" Flow Washer

1.25" DLFC



Order No. V3079 • NPT | V3079BSPT • BSPT
9.0 to 85.0 GPM
Up to 6 - 3/4" & 1 - 1" Flow Washers

1.5" DLFC



Order No. V3080 • NPT | V3080BSPT • BSPT
9.0 to 85 GPM
Up to 6 - 3/4" & 1 - 1" Flow Washers

2" DLFC



Order No. V3051 • NPT | V3051BSPT • BSPT
7.0 to 150 GPM
Up to 5 - 3/4" & 4 - 1" Flow Washers

3" DLFC



Order No. V3764 • NPT | V3764BSPT • BSPT
9.0 to 225 GPM
Up to 9 - 1" Flow Washers

3/4" Flow Washers

V3162-007 WS1 DLFC 0.7 gpm
V3162-010 WS1 DLFC 1.0 gpm
V3162-013 WS1 DLFC 1.3 gpm
V3162-017 WS1 DLFC 1.7 gpm
V3162-022 WS1 DLFC 2.2 gpm
V3162-027 WS1 DLFC 2.7 gpm
V3162-032 WS1 DLFC 3.2 gpm
V3162-042 WS1 DLFC 4.2 gpm
V3162-053 WS1 DLFC 5.3 gpm
V3162-065 WS1 DLFC 6.5 gpm
V3162-075 WS1 DLFC 7.5 gpm
V3162-090 WS1 DLFC 9.0 gpm
V3162-100 WS1 DLFC 10.0 gpm

1" Flow Washers

V3190-090 WS1 DLFC 09.0 gpm
V3190-100 WS1 DLFC 10.0 gpm
V3190-110 WS1 DLFC 11.0 gpm
V3190-130 WS1 DLFC 13.0 gpm
V3190-150 WS1 DLFC 15.0 gpm
V3190-170 WS1 DLFC 17.0 gpm
V3190-200 WS1 DLFC 20.0 gpm
V3190-250 WS1 DLFC 25.0 gpm

2" and 3" Control Valve Accessories

WS2H/WS2HF/WS2QC 4" #8 Adapter



Order No. V3064

WS2H/WS2QC/WS2QC Flange Base



Order No. V3055

WS2H/WS2HF/WS2QC 2" Side Mount Base



Order No. V3260-02 • NPT
Order No. V3260BSPT-02 • BSPT

WS3 Flange Base



Order No. V3090

WS3 Side Mount Base



Order No. V3674-02 • NPT
Order No. V3674BSPT-02 • BSPT

4" Thread and 6" Flange Tank Accessories

4"-8UN Closure



Order No. D1500

4"-8UN X 2.5"- 8NPSM



Order No. 1501

6" Flange 3" FNPT x 3" FNPT



Order No. D1502

6" Flange Closure



Order No. D1503

6" Flange 4"- 8UN



Order No. D1504

Control Valve Accessories

WS1 Adapter Australian - Outdoor



Order No. V3186AUS-05OD

WS1 Adapter European



Order No. V3186EU-06

WS1 Adapter European - Outdoor



Order No. V3186EU-05OD

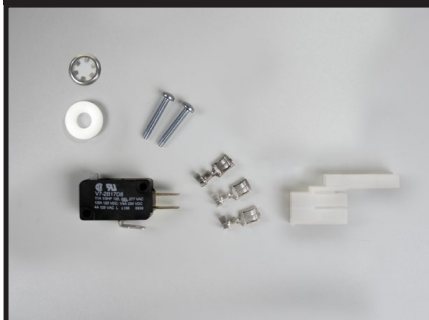
WS1 Adapter United Kingdom



Order No. V3186UK-06

Control Valve Accessories

Auxiliary Microswitch Kit



Order No. V3009

WS1 Series Microswitch Assembly



Order No. V3014

WS2 Auxiliary Switch Kit



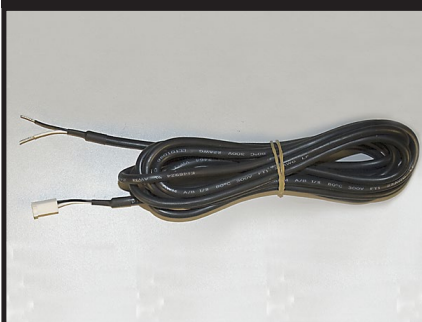
Order No. V3017

Cat 5e Cable



Order No. V4470-15

8' DP Wire Harness



Order No. V3473

16' DP Wire Harness



Order No. V3473-01

8' Alternator/Communication Cable



Order No. V3474

12' Communication Cable



Order No. V3475-12

24' Communication Cable



Order No. V3475-24

36' Communication Cable



Order No. V3475-36

15' Power Cord



Order No. V4276-15

36' Power Cord



Order No. V4276-36

Control Valve Accessories

WS1 Service Spanner Wrench



Order No. V3193-02

WS1 Stack Puller



Order No. V3022

WS1.25/WS1.5 Stack Puller



Order No. V3022-15

WS1 - WS1.25 - WS1.5P - Weather Covers



Order No. V3175WC-W • White
Order No. V3175WC-A • Almond

WS1.5 Weather Covers



Order No. V3974WC-W • White
Order No. V3974WC-A • Almond

WS2 / WS2QC Weather Covers



Order No. V3783WC-W • White
Order No. V3783WC-A • Almond

WS2H / WS3 Weather Covers



Order No. V4051WC

1" and 1.25"

Control Valve Accessories

1" and 1.25"
Motorized Alternating Valve



Order No. V3069FF-01 • F x F

1" and 1.25"
No Hard Water Bypass Valve



Order No. V3070FF • F x F

1" and 1.25"
Motorized Alternating Valve



Order No. V3069MM-01 • M x M

1" and 1.25"
No Hard Water Bypass Valve



Order No. V3070FM • F x M

1.5"

Control Valve Accessories

**1.5" Plastic
Motorized Alternating Valve**



Order No. V3034

**1.5" Plastic
No Hard Water Bypass Valve**



Order No. V3035

**1.5"
Motorized Alternating Valve**



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

**1.5"
No Hard Water Bypass Valve**



**Order No. V3097 • NPT
Order No. V3097BSPT • BSPT**

2"

Control Valve Accessories

**2" Plastic
Motorized Alternating Valve**



Order No. V3036

**2" Plastic
No Hard Water Bypass Valve**



Order No. V3037

**2"
Motorized Alternating Valve**



**Order No. V3076 • NPT
Order No. V3076BSPT • BSPT**

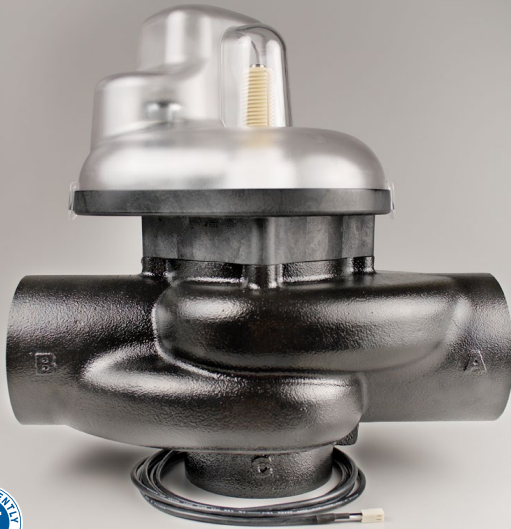
**2"
No Hard Water Bypass Valve**



**Order No. V3098 • NPT
Order No. V3098BSPT • BSPT**

3" Control Valve Accessories

3"
Motorized Alternating Valve



Order No. V3083 • NPT
Order No. V3083BSPT • BSPT

3"
No Hard Water Bypass Valve



Order No. V3099 • NPT
Order No. V3099BSPT • BSPT