



# Control Valves, Fittings and Accessories

INTERNATIONAL

## TWIN TANK ALTERNATING CONTROL VALVES



**WS1CI TWIN TANK  
WS1EI TWIN TANK**  
106 lpm • 6.36 m<sup>3</sup>/h • 28 gpm



**WS1.5 EI TWIN TANK  
WS1.5 CI TWIN TANK**  
204 lpm • 12.3 m<sup>3</sup>/h • 54 gpm



**WS2HF**  
624 lpm • 37 m<sup>3</sup>/h  
165 gpm



**WS3**  
946 lpm • 56.8 m<sup>3</sup>/h  
250 gpm



**WS1.5PBEI  
WS1.5PBCI**  
182 lpm • 10.9 m<sup>3</sup>/h  
48 gpm



**WS1.5PCI  
WS1.5PEI**  
227 lpm • 13.6 m<sup>3</sup>/h  
60 gpm



**WS1.5EI  
WS1.5CI  
WS1.5SQ**  
265 lpm • 15.9 m<sup>3</sup>/h  
70 gpm



**WS2PCI  
WS2PEI**  
359 lpm • 21.6 m<sup>3</sup>/h  
95 gpm



**WS2CI  
WS2EI**  
435 lpm • 26.1 m<sup>3</sup>/h  
115 gpm



**WS2EI/QC\*  
WS2CI/QC\***  
473 lpm • 28.4 m<sup>3</sup>/h  
125 gpm



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



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



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



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



**WS1\***  
102 lpm • 6.1 m<sup>3</sup>/h  
27 gpm



**WS1CI\***  
102 lpm • 6.1 m<sup>3</sup>/h  
27 gpm



**WS1EI\*  
WS1SQ\***  
102 lpm • 6.1 m<sup>3</sup>/h  
27 gpm



**WS1TC\***  
102 lpm • 6.1 m<sup>3</sup>/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
<b>Service @ 1 bar/15 psi drop</b>	102 lpm, 6.1 m <sup>3</sup> /h, 27 gpm (includes meter and bypass)	106 lpm, 6.36 m <sup>3</sup> /h, 28 gpm (includes meter and bypass)	129 lpm, 7.7 m <sup>3</sup> /h, 34 gpm (includes meter, bypass, and 1.25" fitting kit)
<b>Backwash @ 1.7 bar/25 psi drop</b>	102 lpm, 6.1 m <sup>3</sup> /h, 27 gpm (includes bypass)	57 lpm, 3.4 m <sup>3</sup> /h, 15 gpm (includes bypass)	121 lpm, 7.3 m <sup>3</sup> /h, 32 gpm (includes bypass)
<b>Tank Applications: Softener Filter (1)</b>	6" - 21" diameter 6" - 21" diameter	6" - 21" diameter 6" - 16" diameter	6" - 21" diameter 6" - 24" diameter
<b>Inlet/Outlet Fitting Connections (2)</b>	¾" - 1.25" Male BSPT	¾" - 1.25" Male BSPT	¾" - 1.25" Male BSPT
<b>Valve Material Cycles Regeneration</b>	Glass Filled Composite Up to 6 Downflow/Upflow	Glass Filled Composite Up to 6 Downflow/Upflow	Glass Filled Composite Up to 6 Downflow/Upflow
<b>Operating Pressures Operating Temperatures</b>	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
<b>Meter: Flow Rate Range</b>	.95 - 102 lpm	.95 - 102 lpm	.95 - 129 lpm
<b>Distributor Pilot</b>	1.050" O.D. Pipe ¾" NPS	1.050" O.D. Pipe ¾" NPS	1.32" O.D. Pipe, 32mm O.D. 1" NPS
<b>Drain Line Connection</b>	¾" Male NPT Standard 1" Male NPT Optional	¾" Male NPT Standard 1" Male NPT Optional	¾" Male NPT Standard 1" Male NPT Optional
<b>Brine Line Connection</b>	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
<b>Mounting Base Options</b>	2½" - 8 NPSM	2½" - 8 NPSM	2½" - 8 NPSM
<b>Height From Top of Tank</b>	187mm	187mm	187mm
<b>Shipping Weight</b>	2 kg	7.25 kg	2 kg
<b>Certifications and Optional Third-Party Testing</b>	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

			
<b>WS1.5PB</b> EI, CI	<b>WS1.5TT</b> CI, EI	<b>WS1.5P</b> EI, CI, SQ	<b>WS1.5</b> EI, CI, SQ
182 lpm, 10.9 m <sup>3</sup> /h, 48 gpm (includes meter)	204 lpm, 12.3 m <sup>3</sup> /h, 54 gpm (includes meter)	227 lpm, 13.6 m <sup>3</sup> /h, 60 gpm (includes meter)	265 lpm, 15.9 m <sup>3</sup> /h, 70 gpm (includes meter)
163 lpm, 9.8 m <sup>3</sup> /h, 43 gpm	83 lpm, 4.9 m <sup>3</sup> /h, 22 gpm	163 lpm, 9.8 m <sup>3</sup> /h, 43 gpm	197 lpm, 11.8 m <sup>3</sup> /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
<b>Service @ 1 bar / 15 psi drop</b>	359 lpm, 21.6 m <sup>3</sup> /h, 95 gpm (includes meter)	435 lpm, 26.1 m <sup>3</sup> /h, 115 gpm (includes meter)	473 lpm, 28.4 m <sup>3</sup> /h, 125 gpm (includes meter)
<b>Backwash @ 1.7 bar / 25 psi drop</b>	322 lpm, 19.3 m <sup>3</sup> /h, 85 gpm	303 lpm, 18.2 m <sup>3</sup> /h, 80 gpm	322 lpm, 19.3 m <sup>3</sup> /h, 85 gpm
<b>Tank Applications:</b>			
<b>Softener Filter (1)</b>	12" - 48" diameter 12" - 36" diameter	12" - 48" diameter 12" - 36" diameter	12" - 48" diameter 12" - 36" diameter
<b>Inlet/Outlet Fitting Connections</b>	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
<b>Valve Material Cycles Regeneration</b>	Glass Filled Composite Up to 6 Downflow/Upflow	Lead Free Brass Up to 6 Downflow/Upflow	Lead Free Brass Up to 6 Downflow/Upflow
<b>Operating Pressures Operating Temperatures</b>	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C	1.4 - 8.6 bar 4° - 43° C
<b>Meter: Flow Rate Range</b>	5.7 - 568 lpm	5.7 - 568 lpm	5.7 - 568 lpm
<b>Distributor Pilot</b>	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
<b>Drain Line Connection</b>	QC x 2.0" Male BSPT or NPT Elbow	1.5" Female NPT	1.5" Female NPT
<b>Brine Line Connection</b>	1" Male NPT and BSPT elbow 3/4" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression	1" Male NPT and BSPT elbow 3/4" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression	1" Male NPT and BSPT elbow 3/4" x 1" Solvent elbow 1/2" O.D. Poly Tube Compression
<b>Mounting Base Options</b>	4" - 8 UN	4" - 8 UN	Quick Disconnect 4" - 8 UN 6" Flange Side Mount
<b>Height From Top of Tank</b>	317.5mm or 12.5"	191mm	with 4" - 8 UN QC Base is 284.5mm with 6" Flange QC Base is 287mm
<b>Shipping Weight</b>	4.98 kg or 11 lb	13 kg	14 kg
<b>Certifications and Optional Third-Party Testing</b>	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 m <sup>3</sup> /h , 165 gpm (includes meter)	946 lpm, 56.8 m <sup>3</sup> /h, 250 gpm (includes meter)
662 lpm, 39 m <sup>3</sup> /h, 175 gpm	833 gpm, 50.0 m <sup>3</sup> /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

# CLACK CONTROLLER SPECIFICATIONS



SPECIFICATIONS	WS1	TC	CI	EI
<b>WS Valves Available</b>	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
<b>Display Type</b>	LCD	LCD	LCD	LCD
<b>Volume Range</b> Liters m <sup>3</sup> Gallons	20 - 50,000	N/A	.02 - 5,700	.02 - 5,700
<b>Diagnostics/History</b>	Yes	No	Yes	Yes
<b>Data Extraction</b>	No	No	No	No
<b>Comm. Cable Port</b>	No	No	1	1
<b>Cycle Codes</b>	Created Based on Programming	Yes P0 - P9	No	No
<b>Cycle Times Adjustable</b>	No	No	Yes	Yes
<b>DP Input</b>	No	Yes	Yes	Yes
<b>Motor Drive Output</b>	No	No	1	1
<b>Relay Driver or Relay Output</b>	No	No	No	1 - Relay Driver
<b>Remote Communications</b>	No	No	No	No
<b>External Programming</b>	Configurator	Configurator	Configurator	Configurator
<b>Data Extraction</b>	No	No	No	No
<b>Electrical Supply Voltage</b>	200 to 240VAC	200 to 240VAC	200 to 240VAC	200 to 240VAC
<b>Supply Frequency</b>	50/60Hz	50/60Hz	50/60Hz	50/60Hz
<b>Voltage Output</b>	15VDC	15VDC	15VDC	15VDC
<b>Current Output</b>	500 mA	500 mA	500 mA	500 mA
<b>Systems Types</b>				
<b>Single</b>	Yes	Yes	Yes	Yes
<b>Alternate</b>	No	No	2 Valves or SC	2 Valves or SC
<b>Random</b>	No	No	2 Valves or SC	2 Valves or SC
<b>Series</b>	No	No	2 Valves or SC	2 Valves or SC
<b>Progressive Flow</b>	No	No	System Controller	System Controller

# CLACK CONTROLLER SPECIFICATIONS



SQ	WS2HF & WS3			System Controller (SC)
	Pod	Main Board	Relay Expansion Board	
WS1, WS1.5	WS2HF, WS3			WS1, WS1.25, WS1.5PB, WS1.5P, WS1.5, WS2P, WS2, WS2QC
LCD	Monochrome Graphics	N/A	N/A	Monochrome Graphics
.02 - 5,700	50 - 5,000,000 10 - 999,000			N/A
Yes	Yes			Yes
No	Yes			Yes
1	N/A	RJ45 Input & Output	N/A	8
No	No			N/A
Yes	Yes			N/A
Yes	N/A	Yes	No	Yes
1	N/A	1	1	No
1 - Relay Driver	N/A	Add Relay Expansion Board (Max - 2 Boards)	2 - Relays per board	2 - Relays
No	Modbus-TCP/IP			ModBus-TCP/IP
Configurator	Flash Drive (update only)			Flash Drive (update only)
No	Yes			Yes
6 AA Rechargeable Nickel Metal Hydride Batteries 50/60Hz 15VDC 500 mA	100-240VAC 50/60Hz 24VDC 800 mA			100-240VAC 50/60Hz 15VDC 0.5A
Yes No 2 Valves 2 Valves No	N/A	Yes 2-16 Valves 2-16 Valves 2-16 Valves 2-16 Valves	N/A	Water Monitor 2 - 8 Valves* 2 - 8 Valves* 2 - 8 Valves* 2 - 8 Valves*

\* 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

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

WS15/2/2H Meter Comm Asy 28"



Order No. V3003-02

WS3 Meter Asy 4'



Order No. V4039

WS Remote Meter Asy 15'



Order No. V3221

# 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

# 1" and 1.25" Control Valve Fittings



# 1" and 1.25" Control Valve Fittings

**3/4" Plastic Male BSPT Assembly**

**Order No. V3007-14**

**3/4" John Guest® QC Elbow Assembly**

**Order No. V3007-15**

**1" Plastic Male BSPT Elbow Assembly**

**Order No. V3007-16**

**1" John Guest® QC Assy**

**Order No. V3007-17**

**3/4" Plastic Male NPT Assy**

**Order No. V3007-18**

**3/4" John Guest® QC Assy**

**Order No. V3007-19**

**1" John Guest® Fitting Elbow Assy**

**Order No. V3007-20**

**Vertical Elbow Union Adapter Kit Assy**

**Order No. V3007-21**

**1" Brass Press/Sweat Assy LF**

**Order No. V3007-22LF**

**Vertical Elbow Adapter Kit Assy**

**Order No. V3191-01**

# 1" and 1.25" Control Valve Accessories

**Bypass**



**INDEPENDENTLY CERTIFIED NSF**

Order No. V3006

**Mixing Valve**



**INDEPENDENTLY CERTIFIED NSF**

Order No. V4099

**Twin Interconnect Kit - 12"-21"**



Order No. V4052-01

**Inline Adapter Kit**



**INDEPENDENTLY CERTIFIED NSF**

Order No. V3467

**Inline Bypass w/1" Sweat Fittings**



Order No. V3478

**Inline Bypass w/3/4" Sweat Fittings**



Order No. V3478-01

**Air Blocker 1.050"**



**INDEPENDENTLY CERTIFIED NSF**

Order No. D1047

**Air Blocker 1.320"**



**INDEPENDENTLY CERTIFIED NSF**

Order No. D1047-01

**Air Blocker 32mm**



**INDEPENDENTLY CERTIFIED NSF**

Order No. D1047-02

**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

QC x QC Plastic



Order No. V4430-03

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

1.5" and 2" PVC Solvent



Order No. V4430-13

QC x 1.5" Vertical Elbow Adapter



Order No. V4430-14

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

QC x QC Plastic



Order No. V4460-03

QC x 2" Plastic Elbow



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

QC x QC Plastic Elbow



Order No. V4460-06

2" PVC Solvent



Order No. V4460-13

# 2" and 3" Control Valve Accessories



# 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

