

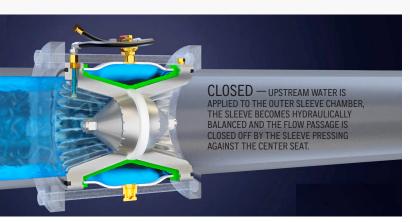






CONTROL YOU CAN COUNT ON SEASON AFTER SEASON







SEE PAGE 58 FOR GUN/VALVE COMBO / MOUNT AN ANSI FLANGED BIG GUN® DIRECTLY ONTO AN 800 SERIES CONTROL VALVE FOR END OF PIVOT APPLICATION.









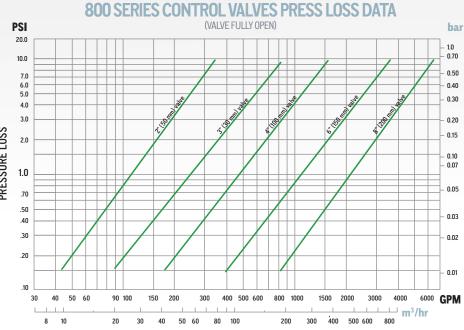
OPTIONS FOR CONTROLLING

AND HIGH FLOW CAPACITY.



CAGE

AS A HYDRAULICALLY OPERATED **SLEEVE-TYPE VALVE, THE 800 SERIES CONTROL VALVE IS DESIGNED FOR** VERSATILITY. THE BASIC BODY CAN BE **EQUIPPED WITH SEVERAL DIFFERENT** PRESSURE AND FLOW IN PIPING AT THE PIVOT POINT OR END GUN VALVE **CONTROL. IT'S ALSO ENGINEERED** FOR EXTREMELY HIGH EFFICIENCY. **RESULTING IN LOW PRESSURE LOSS**



FLOW RATE



800 SERIES - 2" & 3" VALVES

To Order: Specify 800 Series Control Valve and Select From Each Letter Option. Any item in section D, E & H can be ordered separately as a Kit. Specify the option letter and number (example "E23" for a 9/12V, 3/64" Solenoid Kit).

В	BASE VALVE		ACCESSORIES						
Α	В	С	D		Е	H			
VALVE MATERIAL/SIZE	CONNECTION STYLE & HARDWARE	OPERATING PRESSURE	PRESSURE/ Contro		ON/OFF MODE	FILTER			
ALUMINUM A2" A3" CAST IRON	WAFER STYLE B9 (No studs) Includes Manual Selector & Mounting Bracket Kits B10 (4 studs, 8 nuts) Includes Manual Selector & Mounting Bracket Kits THREADED	C1 10-50 PSI C2 30-200 PSI C3 18-80 PSI	NONE D01 REDUCING 5-30 PSI D11 (Brass) D21 (Plastic 2") D31 (Plastic 3") 5-60 PSI D12 (Brass) D22 (Plastic 2")	RATE-OF-FLOW D18 Specify flow rate & pipe size SLEEVE EXHAUST D06 30 psi D06-1 10 psi SHUTTLE CHECK	MANUAL E01 (No Solenoid) ELECTRIC SOLENOID DC (voltage, orifice diam.) E21 (12V, 1/16") E34 (24V, 3/64") DC LATCHING E23 (9/12V, 3/64") E29 (12-40 V, 5/64")	H3* Internal for 2" & 3"			
A2" A3"	B3 (Specify NPT or BSP) Includes Manual Selector & Mounting Bracket Kits VICTAULIC B6 Includes Manual Selector & Mounting Bracket Kits		D32 (Plastic 3") 10-120 PSI D13 (Brass) D23 (Plastic 2") D33 (Plastic 3") SUSTAINING 5-60 PSI D15 (Brass) D25 (Plastic 2") D35 (Plastic 3") 10-120 PSI D16 (Brass) D26 (Plastic 2") D36 (Plastic 2")	DO7 (Must also order solenoid or pressure control)	AC (voltage, orifice diam.) E43 (24V, 3/64") E46 (24V, 1/16") E50 (120V, 1/16") E53 (110V, 1/16")				



4", 6" & 8" VALVES

SAMPLE ORDER: A6" B5 C2 D03 E40 H3. This configuration represents a 6" valve with wafer style connection (studs & nuts included), 30 to 200 PSI pressure rating, pressure reducing (10 - 120 PSI) control package with a 24VAC 1/16" solenoid, and an internal filter.

	BASE VALVE		ACCESSORIES						
Α	В	С	D	E	H				
VALVE MATERIAL/SIZE	CONNECTION STYLE & HARDWARE	OPERATING PRESSURE	PRESSURE/FLOW Control	ON/OFF MODE	FILTER				
ALUMINUM A4"	WAFER STYLE B9 (No studs) Includes Manual Selector & Mounting Bracket Kits B10 (8 studs, 16 nuts) Includes Manual Selector & Mounting Bracket Kits B23 (No studs) 4 x 6" Flange Adapters — Includes Manual Selector & Mounting Bracket Kits B24 (8 studs, 16 nuts) 4 x 6" Flange Adapters w/ Stud Kit — Includes Manual Selector & Mounting Bracket Kits	C1 10-50 PSI C2 30-200 PSI C3 18-80 PSI	NONE D01 REDUCING large body pilot D02 (5-50 psi) D03 (10-120 psi) D04 (25-200 psi) SUSTAINING large body pilot D05 (25-200 psi) D08 (10-120 psi) D09 (5-50 psi) RATE-OF-FLOW D18 Specify flow rate & pipe size	MANUAL E01 (No Solenoid) ELECTRIC SOLENOID DC (voltage, orifice diam.) E21 (12V, 1/16") E30 (24V, 1/16") DC LATCHING E29 (12-40 V, 5/64") AC (voltage, orifice diam.) E40 (24V, 1/16", 0.15A) E41 (24V, 1/16", 1.1A) E46 (24V, 1/16", 0.8A) E50 (120V, 1/16")	H3 Internal for 4", 6", 8"				
CAST IRON A4" A6" A8"	WAFER STYLE B4 (No studs) Includes Manual Selector & Mounting Bracket Kits B5 (8 studs, 16 nuts) 4" Valve 6" Valve 8" Valve Includes Manual Selector & Mounting Bracket Kits B21 (No studs) 4 x 6" 6 x 8" Flange Adapters — Includes Manual Selector & Mounting Bracket Kits B22 (8 studs, 16 nuts) 4 x 6" 6 x 8" Flange Adapters w/ Stud Kit — Includes Manual Selector & Mounting Bracket Kits		SLEEVE EXHAUST D06 30 psi D06-1 10 psi SHUTTLE CHECK D07 (Brass) (Must also order solenoid or sustaining control)	(6 & 8° only)					

BIG GUN® VALVE COMBOS

Mount an 800 Series Control Valve directly to a Big Gun® Sprinkler with an ANSI base. For control of a pivot end gun with booster pump, use the 2" 800P Valve (D, E, H accessories not needed). For solid set applications, add a filter, solenoid and/or pressure control to your valve.

E	BASE VALVE		ACCESSORIES						
Α	В	С	D	E	Н				
VALVE MATERIAL/SIZE	CONNECTION STYLE & HARDWARE	OPERATING PRESSURE	PRESSURE/FLOW Control	ON/OFF MODE	FILTER				
ALUMINUM A2"	800P-2" PIVOT END GUN B12 (No studs) B11 (4 studs, 4 nuts) See chart in upper right for hardware included	C2 30-200 PSI C3 18-80 PSI							
ALUMINUM A2" A3" A4"	SOLID SET BIG GUN VALVE B17 2" & 3" Valve (4 studs, 4 nuts) 4" Valve (8 studs, 8 nuts) See chart in upper right for hardware included	C2 30-200 PSI C3 18-80 PSI	NONE D01 REDUCING 10-120 PSI D13 (Brass) D23 (Plastic 2") D33 (Plastic 3") D03 (Brass 4")	MANUAL E01 (No Solenoid) ELECTRIC SOLENOID DC LATCHING (voltage, orifice diam.) E29 (12-40 V, 5/64") AC (voltage, orifice diam.) E46 (24V, 1/16")	H2 External H3* Internal for 2" & 3"				
CAST IRON	SOLID SET BIG GUN VALVE B18 (8 studs, 8 nuts) See chart above				for 4"				

800P - 2" PIVOT END GUN CONTROL VALVE

Example: A2B11C3

Specify ANSI Flange Connection on SR75 or SR100 Big Gun. Order Big Gun separately. Lower flange not included.)

SOLID SET BIG GUN° VALVE Example: A4B18C2D01E01H3

Specify ANSI Flange Connection on Big Gun (SR200 w/ wedge kit shown. Order Big Gun separately. Lower flange not included.)

INCLUDES HARDWARE









	3-way manual on/off selector kit (8980)	(2" - 9189) (+3" - 8924)	Rubber drain/plug	Ball drain/vent (10753)
FOR B11/B12 2" PIVOT END GUN CONTROL VALVE	-	_	(1) 9800 UPSTREAM (1) 9800-001 DOWNSTREAM	INCLUDED W/ BASE VALVE ORDER
FOR B17/B18 SOLID SET BIG GUN VALVE	INCLUDED W/ BASE VALVE ORDER	INCLUDED W/ BASE VALVE ORDER	(1) 9800-001 DOWNSTREAM	_



SOLENOIDS & VALVE ACCESSORIES

3-Way Solenoid Specifications (For Electric On-Off choose from DC, DC Latching or AC Solenoids.)

# MANUFAC-		PART NUMBERS			RECOMM.	IN-	HOLD-	RESIS-		INLET ORI-			MAX.	
	TURER	KIT	COIL +BASE	COIL	VOLTAGE ¹	VALVE SIZE	RUSH AMPS	ING AMPS	TANCE (OHM)	WATTS	FICE		CAL CON- NECTION	PRES- Sure
E21	PARKER	8925- 001	7510-001	7510-101	12 VDC	-	-	0.6	20	8	1.6 mm	1/16"	1/2" FNPT w/ Leads	175 psi
E23	BACCARA	8925- 035	7510-052	7510-152	9/12 VDC Lat	2" & 3"	-	-	4.2	3	1.2 mm	3/64"	>12" Leads	175 psi
E29		8925- 029	7510-029	NA	12-40 VDC Lat	-	-	-	-	-	0.078 mm	5/64"	47" Leads	175 psi
E30	PARKER	8925- 002	7510-002	7510-102	24 VDC	4", 6", & 8"	-	0.3	83	8	1.6 mm	1/16"	1/2" FNPT w/ Leads	175 psi
E34	BACCARA	8925- 037	7510-054	7510-154	24 VDC	2" & 3"	0.125	0.125	119	3	1.2 mm	3/64"	>12" Leads	175 psi
E40	GEM-SOL	8925- 043	7510-015	7510-115	24 VAC	4", 6", & 8"	0.15	0.15	diode²	2.5	1.6 mm	1/16"	1/2" FNPT Plug-In	175 psi
E41	PARKER	8925- 003	7510-003	7510-103	24 VAC	4", 6", & 8"	1.1	0.65	7.8	8	1.6 mm	1/16"	1/2" FNPT w/ Leads	175 psi
E43	BACCARA	8925- 033	7510-050	7510-150	24 VAC	2" & 3"	0.125	0.125	diode ²	3	1.2 mm	3/64"	>12" Leads	175 psi
E46	GEM-SOL	8925- 044	7510-016	7510-116	24 VAC	-	0.8	0.43	9	5.5	1.6 mm	1/16"	1/2" FNPT Plug-In	175 psi
E50	PARKER	8925- 004	7510-004	7510-104	120 VAC	2", 3", 4", 6", & 8"	0.2	0.1	184	8	1.6 mm	1/16"	1/2" FNPT w/ Leads	175 psi
E52	PARKER	8925- 024	7510-033	7510-133	120 VAC	6" & 8"	0.7	0.3	27	17	3.2 mm	1/8"	1/2" FNPT w/ Leads	175 psi
E53	GEM-SOL	8925- 045	7510-051	7510-151	110 VAC	2" & 3"	0.15	0.11	230	5.5	1.6 mm	1/16"	1/2" FNPT Plug-In	175 psi

NOTES: "Lat" = Latch. The solenoid contains a magnet which holds the coil in the open/closed position, such that a constant current is not required, as in the case of non-latching solenoids. If the solenoid contains a diode, the resistance reading obtained using a voltmeter will be inaccurate (extremely high). This is because a diode acts like a check valve that only opens when a sufficient amount of "pressure" (voltage) is present.



Two male quick connect fittings are recommended with reducing or sustaining functions.





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DESCRIPTION	4" Valve x 6" Flange Adapter Kit	6" Valve x 8" Flange Adapter Kit	Gauge	Male QC Fitting	Female QC Fitting	Gauge & Fittings Kit*	1/4" Valve Stem	Lock-on Gauge Chuck for 1/4" Valve Stem	Window + Controller w/ 12/24 VDC Lat.	
PART NO.	11433 11433-001 (w/6" stud kit)	12225 1222-001 (w/8" stud kit)	8968-xxx (Specify Range: 0-60 PSI = -002; 0-160 PSI = -004; 0-200 PSI = -005)	9498	9438-002	10105-xxx	10104	10103	E33-1 for 2, 3" E20-1 for 4, 6, 8"	

*Includes 2 Valve Stems & 1 lock-on chuck

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848 Airport Road, Walla Walla, Washington 99362 U.S.A. Tel: +1 509.525.7660 / Fax: +1 509.525.7907 info@nelsonirrigation.com / nelsonirrigation.com

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