

**12000 SERIES – SILVER BULLET REMOTE CONTROL VALVE**

**FEATURES**

- 100% water tested
- Unique “reverse flow” porting design permits equal pressure distribution on both sides of the diaphragm, regardless of line pressure providing zero stress to prevent “stretching,” a common cause of valve failure
- Reverse flow design for water conservation in the event of failure
- Diaphragm’s self cleaning ports constantly flex, inhibiting sand and silt from blocking valve action
- Molded shock cone for smooth operation and reduction of water hammer
- Easy-to-use internal manual bleed lever; bleeds valve downstream; has stops for open and closed positions
- Marine-grade S20P solenoid with stainless steel actuator
- High-strength glass-filled nylon body and cover with ¼" stainless steel cover bolts and mating brass body inserts
- Non-rising flow control stem throttles valve from full open to closed position on flow control models

- 150 psi (10,3 bar) rating

**ELECTRICAL**

- Wiring requires a single lead from the controller to each solenoid, plus a common neutral to all solenoids; type UF wire, U.L. listed, is recommended for all hookups

24VAC/60HZ	24VAC/50HZ
Inrush: 9.48 VA	Inrush: 10.66 VA
Holding: 5.11 VA	Holding: 5.97 VA

- Do not use nominal voltage ratings listed above for sizing of valve wire

**MODELS**

- 12024E-10-H** 1" FIP\*
- 12024EF-10-H** 1" FIP with flow control\*
- 12024EF-15-H** 1 ½" FIP with flow control\*
- 12024EF-20-H** 2" FIP with flow control\*

\* International: specify ISO



**12000 SERIES VALVE**

Flow	STANDARD (pressure loss PSI)			METRIC (pressure loss Bar)			
	12024E-10-H 1"	12024E-15-H 1 ½"	12024E-20-H 2"	Flow m³/h	12024E-10-H 1"	12024E-15-H 1 ½"	12024E-20-H 2"
0-4	1.2 max			0-0,9	0,08		
6	1.7			1,0	0,12		
8	2.5			2,0	0,17		
10	3.0			2,5	0,21		
15	3.9			3,0	0,27		
20	4.6	1.3		5,0	0,32	0,09	
25	5.2	1.6		6,0	0,36	0,11	
30	6.3	1.9		7,0	0,43	0,13	
35	7.3	2.4		8,0	0,50	0,17	
40		3.0	2.3*	9,0		0,21	0,16*
45		3.8	2.4	10,0		0,26	0,17
50		4.6	2.6	11,0		0,32	0,18
55		5.6	2.7	12,0		0,39	0,19
60		6.7	2.9	14,0		0,46	0,20
70		9.5	3.3	16,0		0,66	0,23
80		13.0	3.4	18,0		0,90	0,23
90			4.2	20,0			0,29
100			5.2	22,0			0,36
110			6.7	24,0			0,46
120			7.7	26,0			0,53
130			8.8	30,0			0,61

\* Minimum recommended flow for valves with XPR option or PRK-24 accessory.

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