

## SILVER BULLET SEVEN



Consider 7 Compelling Reasons why the 12000 Series Silver Bullet is the Smart Solution!

### 1 SUPERIOR MATERIAL

- Glass-filled nylon construction gives the Silver Bullet added strength over conventional PVC valves
- Pick up a Silver Bullet in one hand and any other valve in the other to feel the difference

### 2 FOUR-BOLT COVER

- Four stainless steel bolts easily thread in and out of quality brass inserts
- Silver Bullet installers will tell you they rarely need to open a Weathermatic valve. When you do, it is easy to open and easier to close than most valves using screws or jar tops that are susceptible to stripping, dirt, and grit

### 3 UNMATCHED MANUAL BLEED

- Send the Silver Bullet into action by simply pulling the trigger
- It's the easiest, driest internal manual bleed in the business that won't flood the valve box
- No twisting on a solenoid or bleed screw is required

### 4 SHOCKING SHOCK CONE

- The Silver Bullet puts the hammer to water hammer by incorporating a cone-shaped diaphragm base
- The shock cone interrupts the water flow more gradually than other diaphragms to enable quick valve closure without the damaging effect of water hammer



### 5 REVOLUTIONARY REVERSE FLOW DESIGN

*The Weathermatic hallmark reverse flow design with a 45-year track record brings you:*

- Normally closed design means the valve fails shut rather than open in the event of diaphragm failure, unlike conventional forward flow valves that fail open
- Balanced pressure on the diaphragm extends valve life over forward flow valves
- Self-cleaning function is achieved as diaphragm actually flexes during operation to send dirt and debris down the line without the maintenance worry of filters and screens

### 6 15 YEAR TRACK RECORD

- The Silver Bullet track record shows less than a fraction of 1% return rate over 15+ years of reliable performance

### 7 AMAZING VALUE FOR THE PRICE!

- Seasoned installers know that valves are the last place to cut expenses when just one call-back eliminates any cost savings on the job
- Plus, the Silver Bullet makes it easy – you can install the commercial quality of a Weathermatic valve at a residential valve price!



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

**FEATURES**

- 100% water tested
- 150 psi (10,3 bar) rating
- 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
- Normally closed valve 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
- High efficiency M24E 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

**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: 9.77 VA	Inrush: 10.5 VA
Holding: 6.2 VA	Holding: 6.88 VA

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

**MODELS**

- 12024E-10** (1" FIP)\*
- 12024EF-10** (1" FIP with flow control)\*

\* International: specify ISO



**12000 SERIES VALVE PRESSURE LOSS**

		METRIC	
Flow gpm	Loss psi	Flow m <sup>3</sup> /h	Loss bar
0-4	1.2 max	0-1,0	0,09 max
4	1.2	1,0	0,09
6	1.7	1,5	0,14
8	2.5	2,0	0,19
10	3.0	2,5	0,22
12	3.4	3,0	0,25
14	3.8	3,5	0,28
16	4.1	4,0	0,30
18	4.4	4,5	0,32
20	4.6	5,0	0,33
22	4.8	5,5	0,35
24	5.1	6,0	0,38
26	5.4	6,5	0,41
28	5.8	7,0	0,45
30	6.3	7,5	0,47
32	6.6	8,0	0,50
35	7.3	8,5	0,51