

# 3-Way Electric Valves

## 3/4", 1", 1 1/4" Threaded w/Flanged Inlet

### FEATURES

- 316 stainless steel ball & stem.
- Stainless steel hardware.
- Fiberglass reinforced polypropylene.
- Glass reinforced PTFE seats.
- FKM (viton type) or EPDM O-rings.
- 12-volt DC operated.
- 150 P.S.I. maximum pressure @ 70°F.
- Easily repairable.
- Open/closed indicator.

### BOTTOM LOAD:

**Directional flow right or left.**  
**Valve flow cannot be turned off.**

**3/4" SECOND RESPONSE TIME**

PART NO.	DESCRIPTION	MAX. PSI	PIPE SIZE	OPENING THRU BALL	QUANTITY
EV075BL	3/4" Electric Valve x 1" Inlet Flange	150	3/4"	1"	1
EV100BL	1" Electric Valve x 1" Inlet Flange	150	1"	1"	1
EV125BL	1 1/4" Electric Valve x 1" Inlet Flange	150	1 1/4"	1"	1



### SIDE LOAD:

**Directional flow right or left.**  
**Valve flow cannot be turned off.**

**3/4" SECOND RESPONSE TIME**

PART NO.	DESCRIPTION	MAX. PSI	PIPE SIZE	OPENING THRU BALL	QUANTITY
EV075SL	3/4" Electric Valve x 1" Inlet Flange	150	3/4"	1"	1
EV100SL	1" Electric Valve x 1" Inlet Flange	150	1"	1"	1
EV125SL	1 1/4" Electric Valve x 1" Inlet Flange	150	1 1/4"	1"	1

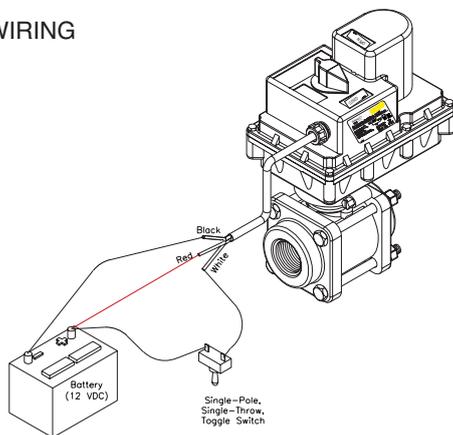


BOTTOM LOAD

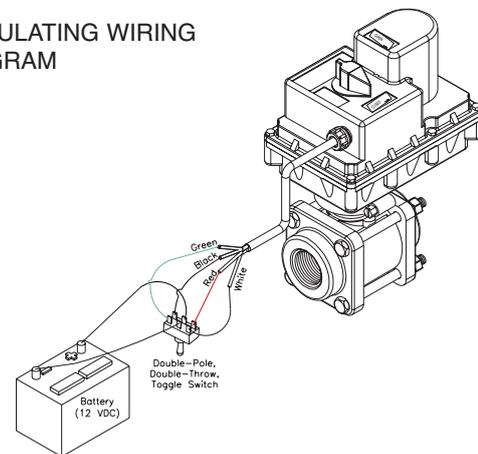


SIDE LOAD

### ON/OFF WIRING DIAGRAM



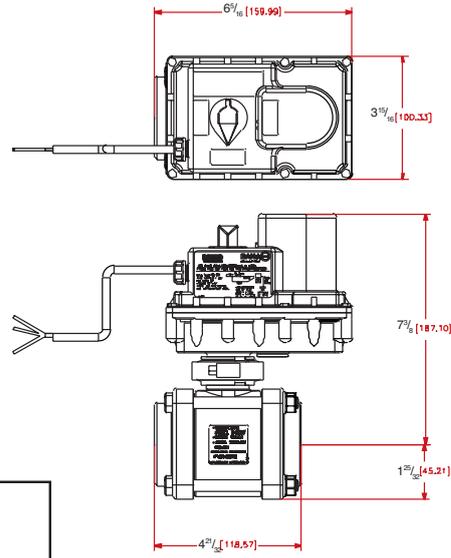
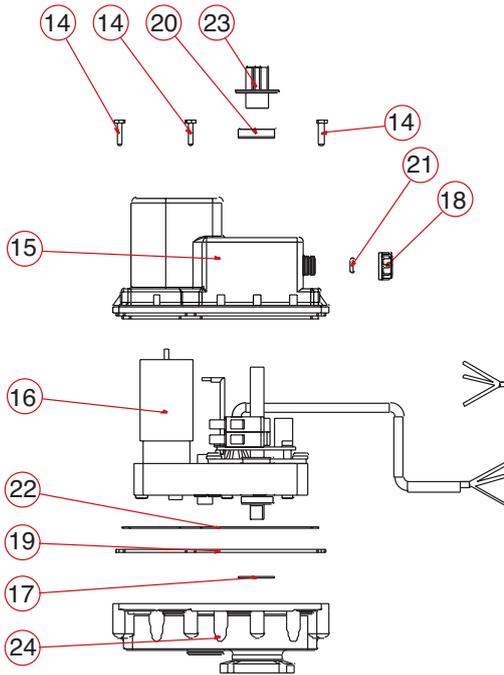
### REGULATING WIRING DIAGRAM



**Attention:**

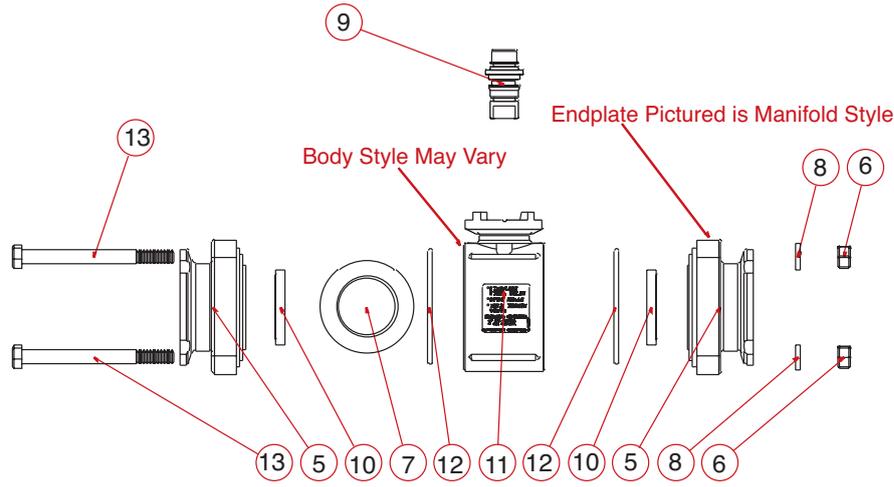
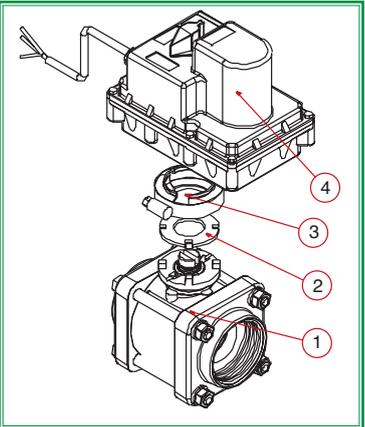
3-Way regulating valves are not shown, but are available.  
 Standard 3-Way valves use the On/Off wiring diagram.





**Assembly Specs:**  
 Body Bolt Tightening Torque: 75 in-lb  
 Max Stem Turning Torque: 75 in-lb

Fast repair replacement options.



## REPLACEMENT PARTS EV075SL - EV075BL - EV100SL - EV100BL EV125SL - EV125BL

ITEM	PART NO.	DESCRIPTION	QTY.
1	EV075SLXR1	3/4" Electric Valve Sub Assembly	1
1	EV100SLXR1	1" FP Electric Valve Sub Assembly	1
1	EV125SLXR1	1 1/4" Electric Valve Sub Assembly	1
1	EV075BLXR1	3/4" Electric Valve Sub Assembly	1
1	EV100BLXR1	1" FP Electric Valve Sub Assembly	1
1	EV125BLXR1	1 1/4" Electric Valve Sub Assembly	1
2	MVE004	Electric Valve Flange Gasket	1
3	FC100	1" Flange clamp	1
4	EV3100	3/4 Second 3 Wire Motor Assembly	1
4	EVR3100	Regulating 4 Wire, 4 Second	1
5	VE07357	3/4" Threaded Endplate for EV	2
5	VE10257A	1" FP Threaded Endplate for EV	2
5	VE10256A	1 1/4" Threaded Endplate for EV	2
6	V10119	5/16" Stainless Steel Body Nut	4
7	VE10355	1" EV 316 Stainless Steel Hollow Ball	1
8	V10118	5/16" Stainless Steel Lock Washer	4
9	MEV10151	1" Stainless Steel Stem w/Seals	1
10	VE10258A	1" Electric Ball Seat	2

## REPLACEMENT PARTS EV075SL - EV075BL - EV100SL - EV100BL EV125SL - EV125BL

ITEM	PART NO.	DESCRIPTION	QTY.
11	MEV10354AB	EV BL Body 3/4" - 1 1/4"	1
11	MEV10354AS	EV SL Body 3/4" - 1 1/4"	1
12	VE10264	Body O-Ring	2
13	V10117	5/16" x 3 1/2" SS Body Bolt	4
14	VE15220	Housing Screw	6
15	MEV10102	EV Housing Top for Small Motor	1
16	VE4984	3/4" Hi Torque On/Off Motor	1
16	VE4983	4 Second 4 Wire 12 Volt HT Motor	1
17	MVE105VE	Motor Shaft Gasket 1/2" ID	1
18	MVE002	Heyco 1/4" Threaded Bushing	1
19	MVE104	Outer EV Housing Gasket	1
20	VE109E	Indicator Seal	1
21	MVE007	3mm X 5mm FKM O-Ring	1
22	MVE106	Inner EV Housing Gasket	1
23	VE107A	EV Flow Indicator	1
24	MEV10101	EV Housing Bottom for Large Motor	1
25	EV10210	Repair Kit (Includes Parts 2, 9, 10, 12)	1