

# 3-Way Electric Valves

## 2" Full Port 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.

**1<sup>1</sup>/<sub>4</sub> SECOND RESPONSE TIME**

PART NO.	DESCRIPTION	MAX. PSI	PIPE SIZE	OPENING THRU BALL	QUANTITY
EV204BLFP	2" Electric Valve x 2" Full Port Flange	150	2"	2"	1



BOTTOM LOAD



Don't forget the manifold connections pgs. 58 & 59.

### SIDE LOAD:

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

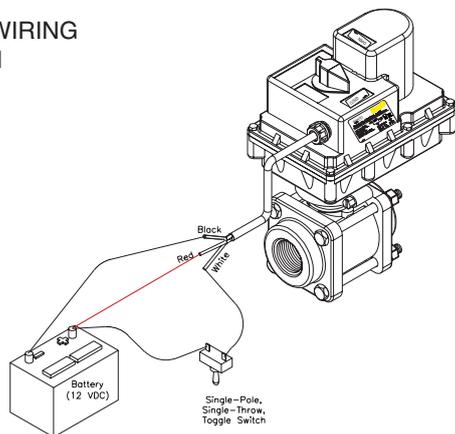
**1<sup>1</sup>/<sub>4</sub> SECOND RESPONSE TIME**

PART NO.	DESCRIPTION	MAX. PSI	PIPE SIZE	OPENING THRU BALL	QUANTITY
EV204SLFP	2" Electric Valve x 2" Full Port Flange	150	2"	2"	1

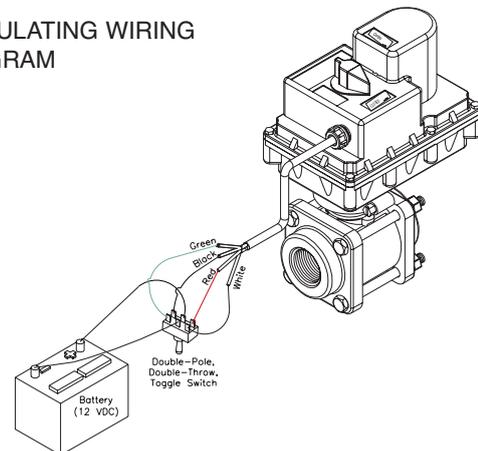


SIDE LOAD

### ON/OFF WIRING DIAGRAM

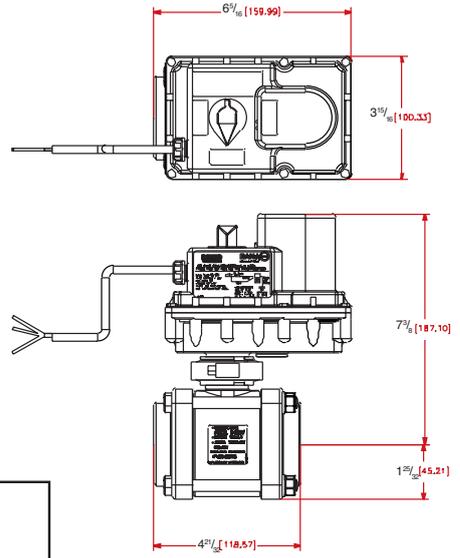
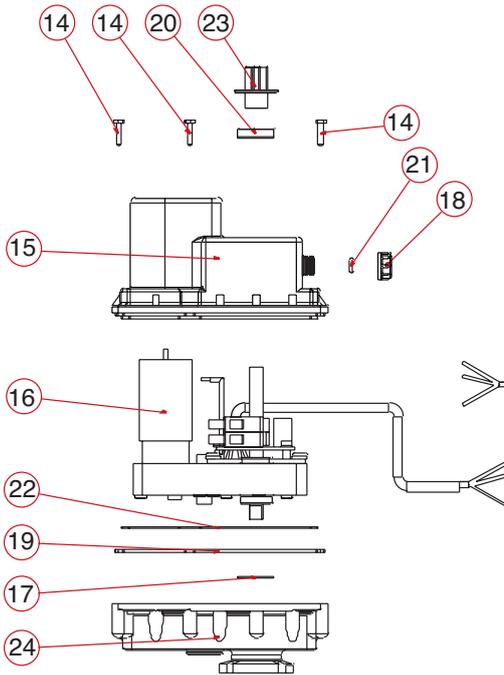


### REGULATING WIRING DIAGRAM



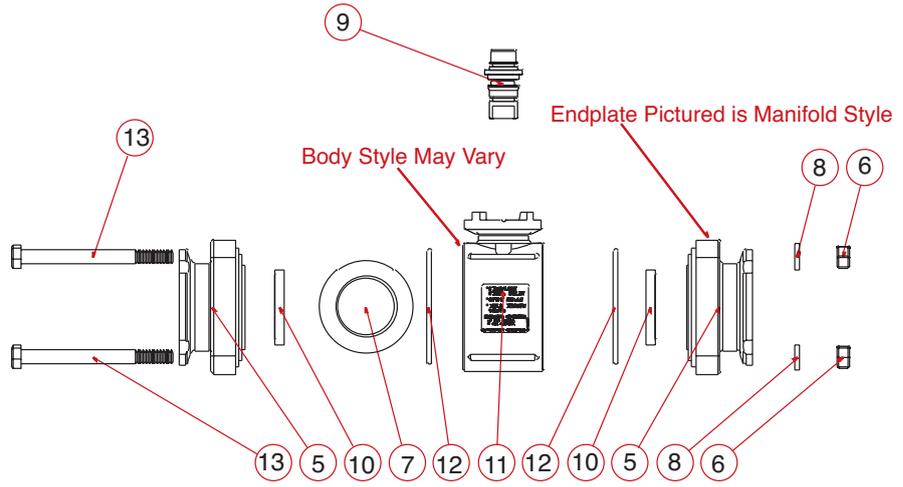
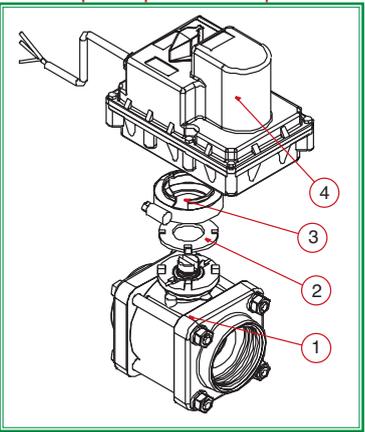
### Attention:

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 EV204SLFP - EVR204BLFP

ITEM	PART NO.	DESCRIPTION	QTY.
1	EV204SLXR1	2" FP SL Electric Valve Sub Assembly	1
1	EV204BLXR1	2" FP BL Electric Valve Sub Assembly	1
2	MVE004	Electric Valve Flange Gasket	1
3	FC100	1" Flange clamp	1
4	EV4100	1 1/4 Second 3 Wire motor Assembly	1
4	EVR4100	Regulating 4 Wire, 4 Second	1
5	VE25356A	2" FP Threaded Endplate for EV	2
6	V20019	3/8" Stainless Steel Body Nut	4
7	VE25355	2" EV 316 Stainless Steel Ball	1
8	V20018	3/8" Stainless Steel Lock Washer	4
9	MEV25151	1" Stainless Steel Stem w/Seals	1
10	VE25258A	1 1/2" & 2" Electric Ball Seat	2
11	MEV25354AS	EV SL Body 1 1/2" & 2"	1
11	MEV25354AB	EV BL Body 1 1/2" & 2"	1
12	V25264	2" EV Body FKM O-Ring	2

### REPLACEMENT PARTS EV204SLFP - EVR204BLFP

ITEM	PART NO.	DESCRIPTION	QTY.
13	V25017	3/8" X 4 1/2" Stainless Steel Body Bolt	4
14	VE15220	Housing Screw	6
15	MVE25102	EV Housing Top for Large Motor	1
16	VE4987	1 1/4" Hi Torque On/Off Motor	1
16	VE4988	4 Second 12 Volt Hi Torque Motor	1
17	MVE107	EV 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	MEV25101	EV Housing Bottom for Large Motor	1
25	EV25210	Repair Kit (Includes Parts 2, 9, 10, 12)	1

ELECTRIC VALVES