

### APPLICATION:

Control of Saturated Steam; Water; Water & Glycol Solutions to 50%. Seat Closure ANSI Class III\*

### CONSTRUCTION:

Body: ANSI B16.1 Iron 125lb. Flange or 250lb. Flange  
 Trim: EQ%, Bronze or 300 Series Stainless Steel  
 Stem: 316 Stainless Steel  
 Bonnet: Brass  
 Packing: Guided Low-Friction TFE V-Ring, Self Adjusting

### TRIM LIMITS(Flowing Differential Pressure):

Brz Trim: Liquid or Steam to 40 PSID  
 S/S Trim: Liquid or Steam to 100 PSID

### BODY PRESSURE-TEMPERATURE RATINGS:

Temp.	125 FLG (ratings are PSIG)	250 FLG (ratings are PSIG)
+32 to 150° F	175	400
350° F	125	280
400° F	–	250

### NOTES:

- 1) Inlet Pressure cannot exceed Body Pressure-Temperature Rating.
- 2) Shut-off PSID is per stated ANSI Shut-off Classification.
- 3) Flowing PSID for water service should be no greater than 2/3 of Inlet Pressure unless verified for absence of cavitation with Warren Valve Sizing Program.

### VM5000E Power Pack Specifications:

Required for Fail Safe Operation (one VM5000E can operate two VM1500E or one VM5000E at a time)

Fail Direction: Field Selectable to Close or Open

Valve on Loss of Power

Power Consumption: 24VAC, 40VA

Construction: Battery w/Circuit Board & Transformer, Components Only

Mounting: Panel Mount

Approximate LxWxH: 7-1/2" x 5" x 3"

### CONFIGURATIONS:

Select Valve and Actuator Code in Tables:

Valve					VM1500E Actuator 24 VAC Supply			
Cv	Size (IN)	Flng.	Trim	Valve Code	Shut Off PSID	Fail Safe w/VMS-25	Fail Last Position	Approx Timing (SEC)
						Actuator Code	Actuator Code	
70	2.5	125	BRZ	VA2210CA	175	E016	E017	77
70	2.5	125	S/S	VA2210CC	175	E016	E017	77
70	2.5	250	BRZ	VA2210DA	400	E016	E017	77
70	2.5	250	S/S	VA2210DC	400	E016	E017	77
100	3	125	BRZ	VA2211CA	175	E016	E017	77
100	3	125	S/S	VA2211CC	175	E016	E017	77
100	3	250	BRZ	VA2211DA	400	E016	E017	77
100	3	250	S/S	VA2211DC	400	E016	E017	77
200	4	125	BRZ	VA2213CA	175	E016	E017	77
200	4	125	S/S	VA2213CC	175	E016	E017	77
200	4	250	BRZ	VA2213DA	245	E016	E017	77
200	4	250	S/S	VA2213DC	245	E016	E017	77
260	5	125	BRZ	VA2214CA	146	E016	E017	128
260	5	125	S/S	VA2214CC	146	E016	E017	128
260	5	250	BRZ	VA2214DA	146	E016	E017	128
260	5	250	S/S	VA2214DC	146	E016	E017	128
350	6	125	BRZ	VA2215CA	76	E016	E017	128
350	6	125	S/S	VA2215CC	76	E016	E017	128
350	6	250	BRZ	VA2215DA	76	E016	E017	128
350	6	250	S/S	VA2215DC	76	E016	E017	128

Valve					VM5000E Actuator 24 VAC Supply			
Cv	Size (IN)	Flng.	Trim	Valve Code	Shut Off PSID	Fail Safe w/VMS-25	Fail Last Position	Approx Timing (SEC)
						Actuator Code	Actuator Code	
200	4	125	BRZ	VA2213CA	175	E018	E019	57
200	4	125	S/S	VA2213CC	175	E018	E019	57
200	4	250	BRZ	VA2213DA	400	E018	E019	57
200	4	250	S/S	VA2213DC	400	E018	E019	57
260	5	125	BRZ	VA2214CA	175	E018	E019	95
260	5	125	S/S	VA2214CC	175	E018	E019	95
260	5	250	BRZ	VA2214DA	400	E018	E019	95
260	5	250	S/S	VA2214DC	400	E018	E019	95
350	6	125	BRZ	VA2215CA	175	E018	E019	95
350	6	125	S/S	VA2215CC	175	E018	E019	95
350	6	250	BRZ	VA2215DA	400	E018	E019	95
350	6	250	S/S	VA2215DC	400	E018	E019	95
680	8	125	BRZ	VA2217CA	175	E018	E019	114
680	8	125	S/S	VA2217CC	175	E018	E019	114
680	8	250	BRZ	VA2217DA	400	E018	E019	114
680	8	250	S/S	VA2217DC	400	E018	E019	114
960	10	125	BRZ	VA2219CA	175	E018	E019	114
960	10	125	S/S	VA2219CC	175	E018	E019	114
960	10	250	BRZ	VA2219DA	400	E018	E019	114
960	10	250	S/S	VA2219DC	400	E018	E019	114

\*For additional applications, shut-offs, and products call: 800-922-0085 or visit: [www.WarrenControls.com](http://www.WarrenControls.com)

