

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

CONFIGURATIONS: Select Valve and Actuator Code in Tables:

Valve						AV330 Linkage 24 VAC Supply			AV330 Linkage 330 120 VAC Supply		
Cv	Size (IN)	Flng.	Trim	Valve Code	Shut Off PSID	Fail Closed	Fail Open	Fail Last Pos.	Fail Closed	Fail Open	Fail Last Pos.
						MP361 Motor CP9302 Drive	MP371 Motor CP9302 Drive	MP381 Motor CP9302 Drive	MP465 Motor CP9302 Drive	MP475 Motor CP9302 Drive	MP485 Motor CP9302 Drive
						Actuator Code	Actuator Code	Actuator Code	Actuator Code	Actuator Code	Actuator Code
70	2.5	125	BRZ	VA2210CA	175	E000	E001	E002	E003	E004	E005
70	2.5	125	S/S	VA2210CC	175	E000	E001	E002	E003	E004	E005
70	2.5	250	BRZ	VA2210DA	400	E000	E001	E002	E003	E004	E005
70	2.5	250	S/S	VA2210DC	400	E000	E001	E002	E003	E004	E005
100	3	125	BRZ	VA2211CA	175	E000	E001	E002	E003	E004	E005
100	3	125	S/S	VA2211CC	175	E000	E001	E002	E003	E004	E005
100	3	250	BRZ	VA2211DA	400	E000	E001	E002	E003	E004	E005
100	3	250	S/S	VA2211DC	400	E000	E001	E002	E003	E004	E005
200	4	125	BRZ	VA2213CA	105	E000	E001	E002	E003	E004	E005
200	4	125	S/S	VA2213CC	105	E000	E001	E002	E003	E004	E005
200	4	250	BRZ	VA2213DA	105	E000	E001	E002	E003	E004	E005
200	4	250	S/S	VA2213DC	105	E000	E001	E002	E003	E004	E005

Valve						AV352 Linkage 24 VAC Supply			AV352 Linkage 352 120 VAC Supply		
Cv	Size (IN)	Flng.	Trim	Valve Code	Shut Off PSID	Fail Closed	Fail Open	Fail Last Pos.	Fail Closed	Fail Open	Fail Last Pos.
						MP361 Motor CP9302 Drive	MP371 Motor CP9302 Drive	MP381 Motor CP9302 Drive	MP465 Motor CP9302 Drive	MP475 Motor CP9302 Drive	MP485 Motor CP9302 Drive
						Actuator Code	Actuator Code	Actuator Code	Actuator Code	Actuator Code	Actuator Code
200	4	125	BRZ	VA2213CA	175	E006	E007	E008	E009	E010	E011
200	4	125	S/S	VA2213CC	175	E006	E007	E008	E009	E010	E011
200	4	250	BRZ	VA2213DA	400	E006	E007	E008	E009	E010	E011
200	4	250	S/S	VA2213DC	400	E006	E007	E008	E009	E010	E011
260	5	125	BRZ	VA2214CA	175	E006	E007	E008	E009	E010	E011
260	5	125	S/S	VA2214CC	175	E006	E007	E008	E009	E010	E011
260	5	250	BRZ	VA2214DA	400	E006	E007	E008	E009	E010	E011
260	5	250	S/S	VA2214DC	400	E006	E007	E008	E009	E010	E011
350	6	125	BRZ	VA2215CA	175	E006	E007	E008	E009	E010	E011
350	6	125	S/S	VA2215CC	175	E006	E007	E008	E009	E010	E011
350	6	250	BRZ	VA2215DA	344	E006	E007	E008	E009	E010	E011
350	6	250	S/S	VA2215DC	344	E006	E007	E008	E009	E010	E011

- 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.

