



VG7000 Series Globe Valves



VA-7150



VA-7200

VA-715X / VA-720X SERIES NON-SPRING RETURN ELECTRIC ACTUATORS

- Compact size
- Direct coupled – no linkage required
- Magnetic clutch – protects gearing
- Controls – hot water, chilled water, glycol solutions and steam
- Available in brass trim
- Meets requirements of ASME B16.15 class 250
- Long life replaceable ring packing provides highest reliability and longest life
- Every valve tested for tight shut-off
- Fluid temperature range – 35 to 284°F (2 to 140°C)
- Maximum steam pressure – 38 psig saturated steam
- Provides high shutoff
 - 90lb force – VA-715x Series
 - 180lb force – VA-720x Series
- Voltage – 24 VAC, 50/60 Hz,
 - 4.7 VA maximum VA-715x Series
 - 8.7 VA maximum VA-720x Series

VA-715x SERIES NON-SPRING RETURN

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	ON / OFF FLOATING CONTROL	ON / OFF FLOATING CONTROL WITH FEEDBACK	DC 0 TO 10 V PROPORTIONAL CONTROL
				VA-7150-1001	VA-7153-1001	VA-7152-1001
TWO-WAY NON-SPRING RETURN – VALVE OPEN WITH STEM UP						
VG7241CT	1/2	0.73	345	VG7241CT+7150G	VG7241CT+7153G	VG7241CT+7152G
VG7241ET	1/2	1.8	345	VG7241ET+7150G	VG7241ET+7153G	VG7241ET+7152G
VG7241GT	1/2	4.6	216	VG7241GT+7150G	VG7241GT+7153G	VG7241GT+7152G
VG7241LT	3/4	7.3	138	VG7241LT+7150G	VG7241LT+7153G	VG7241LT+7152G
VG7241NT	1	11.6	86	VG7241NT+7150G	VG7241NT+7153G	VG7241NT+7152G
VG7241PT	1-1/4	18.5	52	VG7241PT+7150G	VG7241PT+7153G	VG7241PT+7152G
THREE-WAY MIXING						
VG7842CT	1/2	0.73	345/345	VG7842CT+7150G	VG7842CT+7153G	VG7842CT+7152G
VG7842ET	1/2	1.8	345/345	VG7842ET+7150G	VG7842ET+7153G	VG7842ET+7152G
VG7842GT	1/2	4.6	216/257	VG7842GT+7150G	VG7842GT+7153G	VG7842GT+7152G
VG7842LT	3/4	7.3	138/153	VG7842LT+7150G	VG7842LT+7153G	VG7842LT+7152G
VG7842NT	1	11.6	86/100	VG7842NT+7150G	VG7842NT+7153G	VG7842NT+7152G
VG7842PT	1-1/4	18.5	52/57	VG7842PT+7150G	VG7842PT+7153G	VG7842PT+7152G
VG7842RT	1-1/2	28.9	34/36	VG7842RT+7150G	VG7842RT+7153G	VG7842RT+7152G
VG7842ST	2	46.2	21/22	VG7842ST+7150G	VG7842ST+7153G	VG7842ST+7152G

VA-720x SERIES NON-SPRING RETURN

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	ON / OFF FLOATING CONTROL	ON / OFF FLOATING CONTROL WITH FEEDBACK	DC 0 TO 10 V PROPORTIONAL CONTROL
				VA-7200-1001	VA-7203-1001	VA-7202-1001
TWO-WAY NON-SPRING RETURN – VALVE OPEN WITH STEM UP						
VG7241NT	1	11.6	179	VG7241NT+7200G	VG7241NT+7203G	VG7241NT+7202G
VG7241PT	1-1/4	18.5	109	VG7241PT+7200G	VG7241PT+7203G	VG7241PT+7202G
VG7241RT	1-1/2	28.9	70	VG7241RT+7200G	VG7241RT+7203G	VG7241RT+7202G
VG7241ST	2	46.2	45	VG7241ST+7200G	VG7241ST+7203G	VG7241ST+7202G
THREE-WAY MIXING						
VG7842NT	1	11.6	179/209	VG7842NT+7200G	VG7842NT+7203G	VG7842NT+7202G
VG7842PT	1-1/4	18.5	109/120	VG7842PT+7200G	VG7842PT+7203G	VG7842PT+7202G
VG7842RT	1-1/2	28.9	70/74	VG7842RT+7200G	VG7842RT+7203G	VG7842RT+7202G
VG7842ST	2	46.2	45/46	VG7842ST+7200G	VG7842ST+7203G	VG7842ST+7202G



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VA-7810 SERIES NON-SPRING RETURN ELECTRIC ACTUATOR

- Direct coupled – no linkage required
- Controls – hot water, chilled water, glycol solutions and steam
- Available in brass trim
- Meets requirements of ASME B16.15 class 250
- Long life replaceable ring packing provides highest reliability and longest life
- Every valve tested for tight shut-off
- Fluid temperature range – 35 to 284°F (2 to 140°C)
- Maximum steam pressure – 38 psig saturated steam
- 180lb force – provides high shutoff
- Voltage – 24 VAC, 50/60 Hz,
3 VA maximum VA7810-AGx-2
6 VA maximum VA7810-HGx-2

VA7810 SERIES NON-SPRING RETURN

VALVE	SIZE IN.	Cv	CLOSEOFF PSIG	WITHOUT AUXILIARY SWITCHES		WITH TWO AUXILIARY SWITCHES	
				ON/OFF (FLOATING)	PROPORTIONAL 0 TO 10 VDC	ON/OFF (FLOATING)	PROPORTIONAL 0 TO 10 VDC
				VA7810-AGA-2	VA7810-HGA-2	VA7810-AGC-2	VA7810-HGC-2
				TWO-WAY NON-SPRING RETURN – VALVE OPEN WITH STEM UP			
VG7241CT	1/2	0.73	345	VG7241CT+71CAGA	VG7241CT+71CHGA	VG7241CT+71CAGC	VG7241CT+71CHGC
VG7241ET	1/2	1.8	345	VG7241ET+71CAGA	VG7241ET+71CHGA	VG7241ET+71CAGC	VG7241ET+71CHGC
VG7241GT	1/2	4.6	345	VG7241GT+71CAGA	VG7241GT+71CHGA	VG7241GT+71CAGC	VG7241GT+71CHGC
VG7241LT	3/4	7.3	289	VG7241LT+71CAGA	VG7241LT+71CHGA	VG7241LT+71CAGC	VG7241LT+71CHGC
VG7241NT	1	11.6	182	VG7241NT+71CAGA	VG7241NT+71CHGA	VG7241NT+71CAGC	VG7241NT+71CHGC
VG7241PT	1-1/4	18.5	111	VG7241PT+71CAGA	VG7241PT+71CHGA	VG7241PT+71CAGC	VG7241PT+71CHGC
VG7241RT	1-1/2	28.9	71	VG7241RT+71CAGA	VG7241RT+71CHGA	VG7241RT+71CAGC	VG7241RT+71CHGC
VG7241ST	2	46.2	46	VG7241ST+71CAGA	VG7241ST+71CHGA	VG7241ST+71CAGC	VG7241ST+71CHGC
				THREE-WAY MIXING			
VG7842CT	1/2	0.73	345/345	VG7842CT+71CAGA	VG7842CT+71CHGA	VG7842CT+71CAGC	VG7842CT+71CHGC
VG7842ET	1/2	1.8	345/345	VG7842ET+71CAGA	VG7842ET+71CHGA	VG7842ET+71CAGC	VG7842ET+71CHGC
VG7842GT	1/2	4.6	345/345	VG7842GT+71CAGA	VG7842GT+71CHGA	VG7842GT+71CAGC	VG7842GT+71CHGC
VG7842LT	3/4	7.3	289/321	VG7842LT+71CAGA	VG7842LT+71CHGA	VG7842LT+71CAGC	VG7842LT+71CHGC
VG7842NT	1	11.6	182/213	VG7842NT+71CAGA	VG7842NT+71CHGA	VG7842NT+71CAGC	VG7842NT+71CHGC
VG7842PT	1-1/4	18.5	111/122	VG7842PT+71CAGA	VG7842PT+71CHGA	VG7842PT+71CAGC	VG7842PT+71CHGC
VG7842RT	1-1/2	28.9	71/76	VG7842RT+71CAGA	VG7842RT+71CHGA	VG7842RT+71CAGC	VG7842RT+71CHGC
VG7842ST	2	46.2	46/47	VG7842ST+71CAGA	VG7842ST+71CHGA	VG7842ST+71CAGC	VG7842ST+71CHGC