

OMEGA-FLO® 2-WAY, ANTI-WATER HAMMER SOLENOID VALVES

1/2 TO 2 NPT

SV-600 Series
Starts at
\$147



- ✓ Slow Closing, Anti-Waterhammer Design
- ✓ Process Temperatures to 90°C (194°F)
- ✓ Works for Gases or Liquids
- ✓ 120 Vac Standard (DC Optional)

SV-600 Series 2-way solenoid valves are internally piloted, with epoxy-encapsulated coils. Their brass bodies and Viton® seal material allow for high flow rates. A temperature range of -10 to 90°C (14 to 194°F) makes these valves ideal for neutral media such as compressed air, natural gas, water, hydraulic oil, and oils and fats with no additives (max viscosity of approximately 4×10^{-4} ft²/s). Electrical connection is by cable plug.

Specifications

Mounting Position: Any (preferably with the solenoid system upright)

Max Ambient Temp: 54°C (130°F)

Voltage Tolerance: ±10%

Power Consumption (in Warm State):

AC: 21 VA (inrush); 12 VA/8 W (hold)
DC: 8 W

Opening Time: 200 to 500 ms

Closing Time: 100 to 4000 ms

Options (No Additional Charge)

Ordering Suffix	Description
-24VDC	24 Vdc operation
-12VDC	12 Vdc operation
-240VAC	240 Vac operation
-BUNA	Buna-N seal

Options not available on all models.

Cycling Rate:

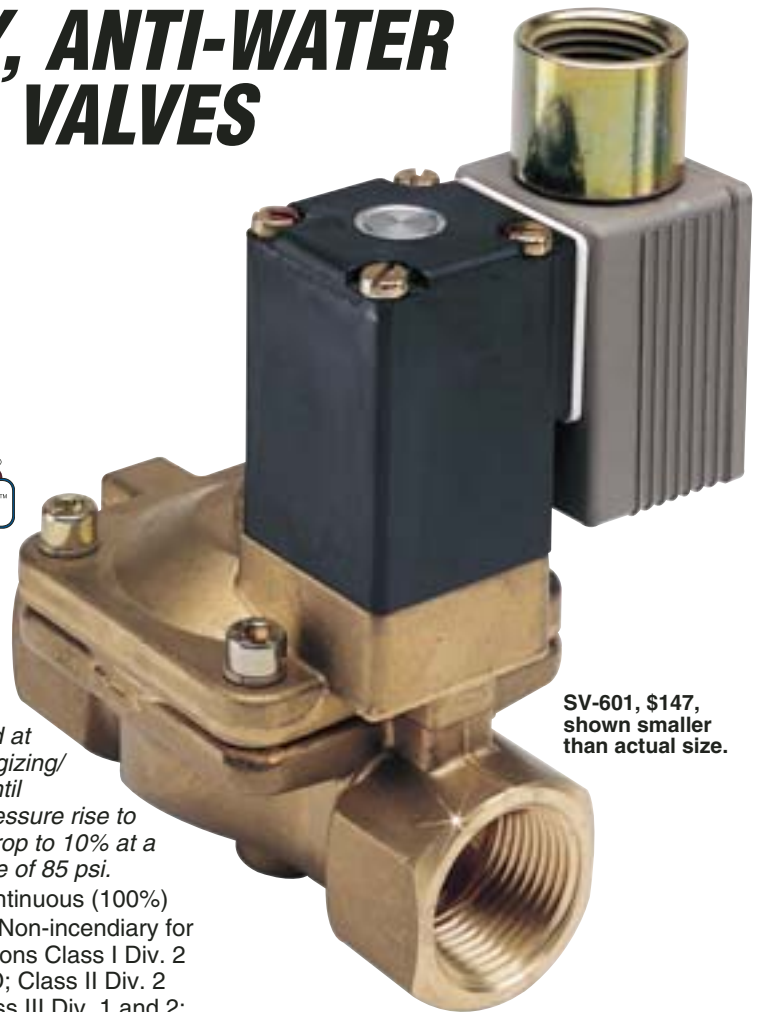
Approx.

10 to 50 cpm

Times measured at outlet A on energizing/de-energizing until attainment of pressure rise to 90%/pressure drop to 10% at a working pressure of 85 psi.

Duty Cycle: Continuous (100%)

FM Approvals: Non-incendiary for hazardous locations Class I Div. 2 Group A, B, C, D; Class II Div. 2 Group F, G; Class III Div. 1 and 2; Operating Temperature T4A



SV-601, \$147, shown smaller than actual size.

■ MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Normally Closed Valve

Model No.	Price	Port Connection (NPT)	Cv	Pressure Range (psi) ¹		Orifice Dia.
				AC	DC	
SV-601	\$147	1/2	4.7	7 to 230	7 to 140	1/2"
SV-602	168	3/4	5.8	7 to 230	7 to 140	3/4"
SV-603	272	1	12	7 to 230	7 to 140	1"
SV-604*	340	1 1/4	23	7 to 230	7 to 140	1 1/4"
SV-605	507	1 1/2	23	7 to 230	7 to 140	1 1/2"
SV-606	896	2	47	7 to 230	7 to 140	2"

Normally Open Valve

SV-611	\$274	1/2	4.7	7 to 170		1/2"
SV-612	337	3/4	5.8	7 to 170		3/4"
SV-613	352	1	12	7 to 170		1"
SV-614	401	1 1/4	23	7 to 170		1 1/4"
SV-615*	591	1 1/2	23	7 to 170		1 1/2"
SV-616*	839	2	47	7 to 170		2"

¹ Operation with less than a 7 psi pressure differential will yield unpredictable flow characteristics.

* SV-604, SV-615 and SV-616 are not UL listed.

Comes with complete operator's manual.

Ordering Examples: SV-603, normally closed valve, 1 NPT, 12 Cv rating, \$272.

SV-601, normally closed valve, 1 NPT, \$147.

Accessory

Model No.	Price	Description
FW-346	\$86	Reference Book: Control Valve Primer



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