



2-WAY HOT WATER SOLENOID VALVES

**DIRECT LIFT, NORMALLY CLOSED,
BRASS VALVE BODY**

SV220 Series

Starts at
\$90



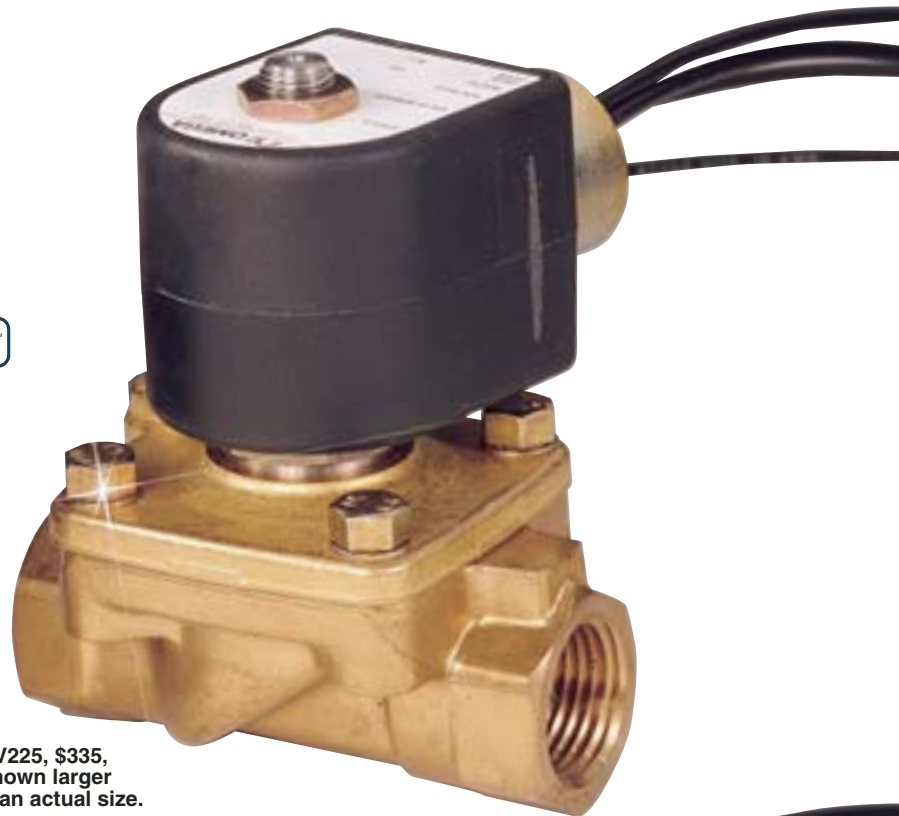
- ✓ Rated for 99°C (210°F) Hot Water
- ✓ Rugged NEMA 4 (IP65) Housing
- ✓ Mounts in Any Position
- ✓ Rated for Continuous Duty

TYPICAL APPLICATIONS

- ✓ Heating and Cooling
- ✓ Commercial Dish Washing Equipment
- ✓ Car Washing Equipment
- ✓ Food Processing
- ✓ Commercial Laundry Equipment
- ✓ Bottle Washing
- ✓ Sterilizing Equipment

The SV220 Series valves are designed for hot water applications in which the valve must operate at times when the pressure drop across the valve falls into the 0 to 5 psi range. The SV222 through SV225 valves are able to control hot water up to 150 psi at 99°C (210°F). The seals are made of ethylene propylene, for hot water compatibility over a wide temperature range as well as trouble-free, bubble-tight service.

The SV221 through SV225 are direct-lift valves, which combine the features of a direct-acting valve with those of a pilot-operated valve. Because of a flexible link between the solenoid plunger and the diaphragm, the direct-lift valve functions as a direct-acting valve at low pressures and as a pilot-operated valve at high pressures. It is sometimes referred to as a zero delta pressure valve or a hung diaphragm valve.



SV225, \$335,
shown larger
than actual size.



SV221, \$90,
shown larger
than actual size.

DIRECT LIFT, NORMALLY CLOSED, BRASS VALVE BODY, HOT WATER SOLENOID VALVES



SPECIFICATIONS

Operation: Direct lift

Wetted Parts: Brass, stainless steel, copper and seal

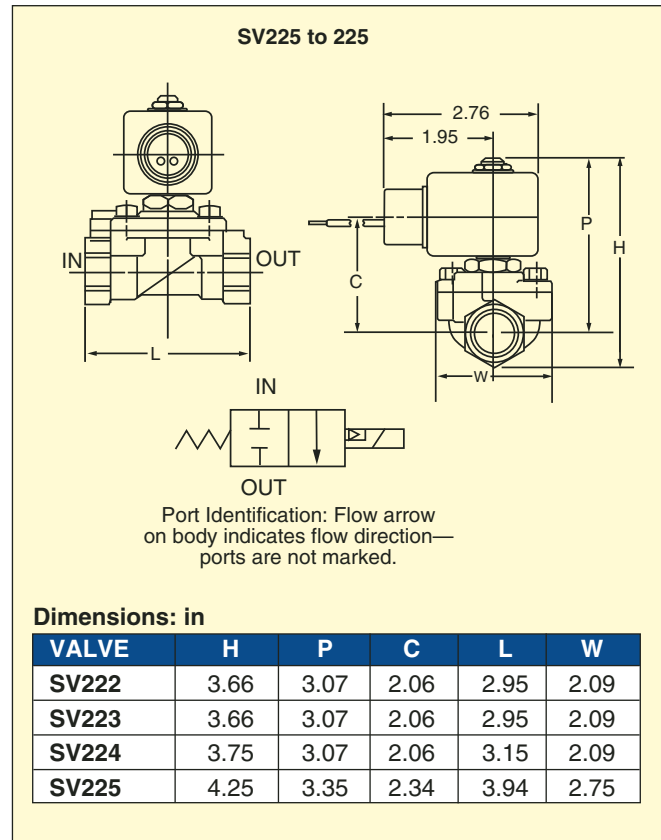
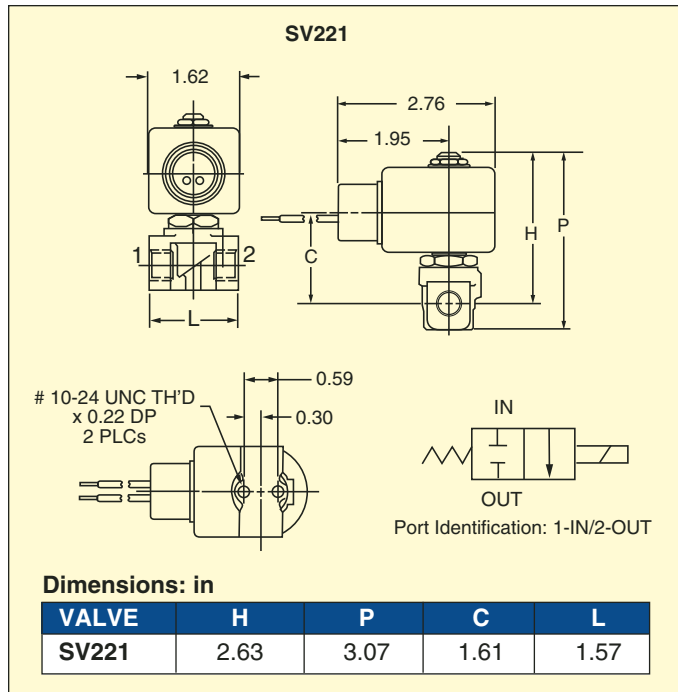
Medium: Liquid or gases

Max Static Pressure: 5 times max psid

Ambient Temp: -9 to 50°C (15 to 122°F)

Mounting: Pipe mounting, any direction

Power: 10 W, 120 Vac, Class F



MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)											
MODEL NO.	PRICE	NPT FITTING	ORIFICE	C _v	SEAL	DIFF PRES (psid)		TEMP		RESPONSE TIME	
						MIN	MAX	°C	(°F)	OPEN	CLOSE
SV221	\$90	¼	13/64	0.76	EDPM	0	100	99	(210)	4 to 8 ms	4 to 8 ms
SV222	145	3/8	5/8	4.4	EDPM	0	150	99	(210)	30 to 100 ms	30 to 100 ms
SV223	155	½	5/8	4.4	EDPM	0	150	99	(210)	30 to 100 ms	30 to 100 ms
SV224	155	¾	5/8	5.5	EDPM	0	150	99	(210)	30 to 100 ms	30 to 100 ms
SV225	335	1	1	11.7	EDPM	0	150	99	(210)	30 to 100 ms	30 to 100 ms

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
SVCOIL-110AC	\$45	Replacement coil, 110 Vac
SVCOIL-220AC	50	Replacement coil, 220 Vac
SVCOIL-24VDC	50	Replacement coil, 24 Vdc
GE-2106	100	Reference Book: Systems Engineering Guidebook

Note: Some solenoid valves are available with 24 Vdc coils. Five piece minimum order. UL approval is not available with 24 Vdc coils. Specifications effected; pressure ratings may decrease; coil wattage ratings may increase. Consult Engineering.

Ordering Examples: SV222, 2-way direct-lift hot water valve, NC with a brass body and 3/8 NPT fitting with EDPM seal, \$145.

SV225 2-way direct-lift hot water valve, NC with a brass body and 1 NPT fitting with EDPM seal, \$335.

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