

SV402 Spartan Valve

Compact motorized stainless steel ball valve for Astra systems

OVERVIEW

The SV402 Spartan Valve is a compact 2-way motorized stainless steel ball valve used by Astra systems for automated and manual water shutoff. It integrates with Astra Panels, leak sensors, and site rules so water can be shut off when configured risk conditions are detected.

Nebulab's standard configuration uses the MS1620S fail-safe actuator with manual override, position indication, and auxiliary switch support. Valve bodies are available in 1/2 in., 3/4 in., and 1 in. female NPT sizes.

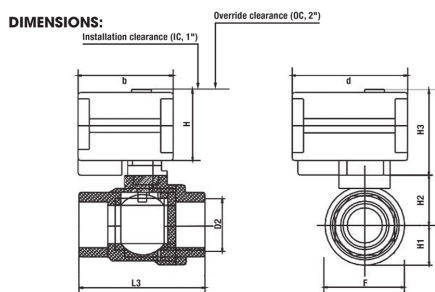
FEATURES

- SV402 2-way compact motorized valve for Astra shutoff systems
- MS1620S fail-safe actuator with manual override
- 1/2 in., 3/4 in., and 1 in. female NPT sizes
- 304 stainless steel body and ball with PTFE seat components
- 9-24 VDC input; maximum 5 W actuator power
- Position indication, quick-connect mounting, and auxiliary switch

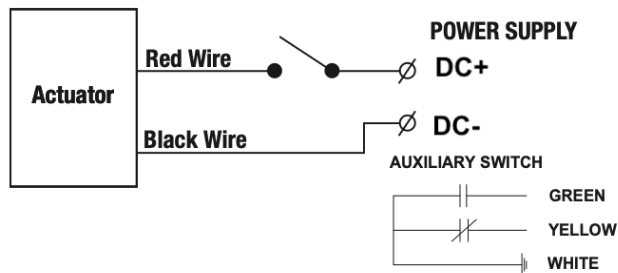
SPECIFICATIONS

Model	SV402
Actuator	MS1620S
Sizes	1/2, 3/4, and 1 in. female NPT
Valve type	2-way SS motorized ball valve
Control / power	9-24 VDC; 5 W max
Body / seat	304 SS / PTFE seat
Pressure	150 psi close-off/working; 290 psi body
Temperature	Media: 2-90 C; ambient: 5-50 C
Ingress protection	NEMA 4 / IP65
Service features	Manual override; position indicator; quick connect
Feedback	Auxiliary switch supported
Compliance	Model complies with CSA B125.3; NSF/ANSI/CAN 61; ANSI 372

SV402 dimensions vary by size; source dimensions shown in inches



Wiring Diagram - MS1620S



TYPICAL APPLICATIONS

- Automatic water shutoff for multi-unit residential Astra systems
- Riser, suite, utility-room, and equipment-area shutoff points
- Stainless steel valve applications requiring manual service override

COMPLIANCE NOTES

The model complies with CSA B125.3; NSF/ANSI/CAN 61; ANSI 372. Final installation must be performed by qualified personnel and verified against applicable plumbing codes, site conditions, and the approved valve size and thread configuration for the project.

WARRANTY

Nebulab Technologies Inc. warrants that for a period of 2 years from the date of purchase, this product is free from defects in material and workmanship. This warranty does not apply to damage caused by shipping or handling, or damage caused by accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions or because of any unauthorized modifications. If there is a defect in materials and workmanship under normal use within the warranty period Nebulab Technologies Inc. shall, at its option, repair or replace the defective equipment upon return of the equipment to the original point of purchase. The foregoing warranty applies only to the original buyer and is in lieu of all other warranties, whether expressed or implied, and of all other obligations or liabilities on the part of Nebulab Technologies Inc. Nebulab Technologies Inc. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty. The maximum liability for Nebulab Technologies Inc. under all circumstances for any warranty issue shall be limited to a replacement of the defective product. It is recommended that the customer check their equipment on a regular basis for proper operation.