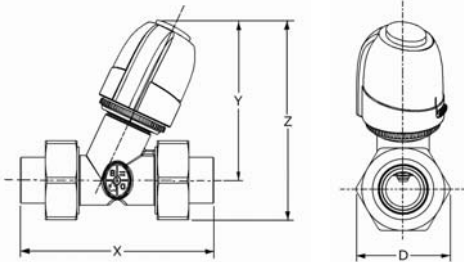


JOB: UNIT TAG: ENGINEER: CONTRACTOR:	REPRESENTATIVE: ORDER NO. SUBMITTED BY: APPROVED BY:	DATE: DATE: DATE:
---	---	--



Snap Zone Valve

DESCRIPTION

The B&G Snap Zone Valve is an on/off zone valve for residential and light commercial HVAC applications. The valve opens and closes based upon the voltages applied to the actuator. Use the B&G Snap Zone Valves to speed installation time and reduce callback times to customers. The actuator can be installed or removed at any angle on the adapter ring. The compact design and versatility in the actuator mounting position allows for easy installation in difficult positions.

OPERATING DATA

Maximum Operating Temperature: 212°F (100°C)
Minimum Operating Temperature: 32°F (0°C)
Maximum Ambient Temperature: 122°F (50°C)
Minimum Ambient Temperature: 32°F (0°C)
Maximum Operating Pressure: 240 PSI
Maximum Differential Closeoff: 60 PSI
Open/Close Time: 3 min
Electrical Rating: 24V 60Hz
Power Consumption: 1.8W, 75mA
 (6 Zone Valves per 40VA)
End Switch Rating: 1.0A @ 24VAC
Glycol Compatibility: 50/50 mix

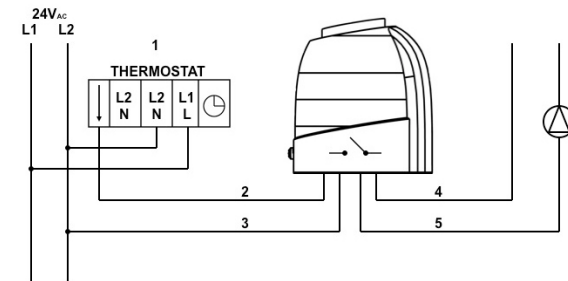
MATERIALS OF CONSTRUCTION

Body: Forged Brass
Bonnet/Packing Box: Brass
Plunger Assembly: Brass, EPDM Seals
Stem: Stainless Steel
Union Nuts: Brass
Tailpieces: Brass
O-Rings: EPDM
Actuator: Polyamide Housing
Cable: PVC

Model Number Naming Convention

SZV	Snap Zone Valve
050	Body Size 050 = 0.500" 075 = 0.750" 100 = 1.000"
	Connection Type S = Sweat Body N = FNPT Threaded
	Actuator Type 4W = 4 Wire
E	End Switch E = Endswitch

Wiring Diagram



Cv Ratings

SIZE	1/2"	3/4"	1"
Cv	1.8	2.8	2.8

1. Thermostat
2. Brown
3. Blue
4. Black
5. Gray
6. 24V maximum, 3A ohm resistive load, 1A inductive load

SPECIFICATIONS

Model Number	Part Number	Description	DIMENSIONS IN INCHES (mm)				Shipping Weight, Lbs. (kg.)
			D	X	Y	Z	
SZV-050S-4WE	109500	1/2" SWT Zone Valve, 4 Wire	1.59 (40.3)	3.48 (88.5)	3.55 (90.2)	4.24 (107.7)	1.4 (0.6)
SZV-075S-4WE	109501	3/4" SWT Zone Valve, 4 Wire	2.02 (51.3)	4.28 (108.7)	3.55 (90.2)	4.42 (112.5)	1.4 (0.6)
SZV-100S-4WE	109502	1" SWT Zone Valve, 4 Wire	2.24 (56.9)	4.28 (108.7)	3.55 (90.2)	4.52 (114.9)	1.4 (0.6)
SZV-050N-4WE	109506	1/2" NPT Zone Valve, 4 Wire	1.59 (40.3)	3.58 (91.0)	3.55 (90.2)	4.24 (107.7)	1.4 (0.6)
SZV-075N-4WE	109507	3/4" NPT Zone Valve, 4 Wire	2.02 (51.3)	4.18 (106.1)	3.55 (90.2)	4.42 (112.5)	1.4 (0.6)
SZV-100N-4WE	109508	1" NPT Zone Valve, 4 Wire	2.24 (56.9)	4.44 (112.7)	3.55 (90.2)	4.52 (114.9)	1.4 (0.6)