

# Submittal Data Sheet



Part #	Description
See Below	24V Zone Valve with End Switch

## Project Information

Job Name:

Location:

Date Submitted:

Engineer:

Submitted by:

Contractor:

Approved by:

Manufacturer's Representative:

## Application

Control flow of fluid to a distribution zone.

## Technical Information

### Valve body

Material	Brass
Connections	3/4" female sweat 1" female sweat
Dimensions	l - 2.5" (63.5 mm) h - 3" (76.2 mm)
Cv value	3/4" - 2.5 1" - 2.74
Max. operating temperature	230°F (110°C)
Max. operating pressure	145 psi (10 bar)
Recommended test pressure	45 - 60 psi (3 - 4 bar)

### Valve Actuator

Power	24V AC/DC, +20%...-10% 0 - 60 Hz
Max. inrush current	< 300mA during max. 2 min.
Unactivated position	Normally closed
Operating power	1.0 W
Opening/closing interval	approx. 3.5 minutes
Actuation force	22.48 lbf (100N) +10%
Stroke	0.16" (4 mm)
End switch	24VAC AC/DC; 0.5 A
Connection wires	
Size	18 AWG (0.75 mm <sup>2</sup> )
Length	39.3" (1m)
Color	Yellow - Power Red - End Switch
Weight	.33lbs. (150g)



X	Part #	Description	Weight lbs. (kg)
	2340955215	Zone valve w/ end switch - 3/4" sweat	2 (1.0)
	2340955216	Zone valve w/ end switch - 1" sweat	2 (1.0)
Components			
	2340055354	Zone Valve Actuator	1 (0.5)
	2340055215	Zone valve body - 3/4" sweat	1 (0.5)
	2340055216	Zone valve body - 1" sweat	1 (0.5)
	2310055454	Zone valve adapter	0.5 (0.3)

## Contact Information

Roth Industries, Inc. 268 Bellew Ave. S. Watertown, NY 13601

Telephone: US (888) 266-7684 Canada (800) 969-7684 Fax: US & Canada (866) 462-2914

www.roth-america.com