

Three-way Modulating Valve with Control

Submittal Information Revision A: Aug. 1, 2008

Project Information

Job Name:

Location:

Engineer:

Contractor:

Manufacturer's Representative:

Part No. Ordered:

Date Submitted:

Submitted By:

Approved By:

Technical Data

Leakage: 0% for valve control path (ports A to B)

< 2.0% for valve control path (ports B to AB) of full-rated Cv

(valve with no disc)

Flow Characteristics: "A" port equals percent; "B" port is modified for constant common

flow

Media Temperature: 0°F to 212°F (-18°C to 100°C)
End Fittings: National Pipe Thread (NPT)
Maximum 20 psi (typical applications)

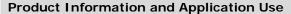
Differential Pressure:

Service: Chilled or hot water; glycol up to 60%

Actuator Power: 24VAC (+/- 20%); 24VDC (+/- 10%); Class 2 power-rated at 3VA

Power Consumption: 1.5W (holding 0.4W)

Control: 2 to 10VDC



The Uponor Climate Cŏntrol™ Multifunction System Three-way Modulating Valve with control provides mixing control of any three-way modulating valve (0-10VDC) up to three different water temperatures in either radiant-heating or snow-melting applications.



✓	Description	Part Number	Height	Width	Depth	Weight
	34" Three-way Modulating Valve with Control with Control, 0-10v (Cv=4.7)	A9013021	4.97"	7.90"	2.60"	3.03 lbs.
	1" Three-way Modulating Valve with Control with Control, 0-10v (Cv=10.0)	A9013022	5.03"	7.90"	2.60"	4.00 lbs. lbs.
	1% " Three-way Modulating Valve with Control with Control, 0-10v (Cv=19.0)	A9013023	5.51"	8.50"	3.46"	5.00 lbs.
	$1 \slash\hspace{-0.05cm} 2"$ Three-way Modulating Valve with Control with Control, 0-10v (Cv=29.0)	A9013024	5.75"	8.50"	3.46"	5.50 lbs.

Installation

Mount on or near the valve and connect to the Multifunction Climate Control unit using a standard Cat5 cable with RJ45 ends. Uponor offers three-way valves with the valve control pre-wired and mounted to the motor. Refer to the Uponor Climate Control Multifunction Installation Guide and the Climate Control Network System Operation Manual for additional information.

Standards

N/A



Codes

N/A

Listings

cULus acc. To UL60730-1A/-2-14; CAN/CSA E60730-1; CSA C22.2 No. 24-93; CE acc. To 89/336/EEC

Related Applications

Radiant Heating and Cooling System Snow and Ice Melting System Permafrost Protection System Turf Conditioning System

Contact Information

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