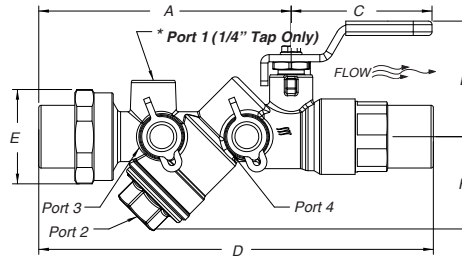
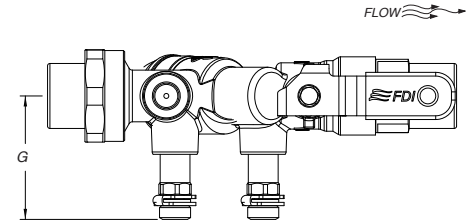


Side View:



Top View:



Model ACM shown with standard Pressure / Temperature ports

Model ACM shown with standard Pressure / Temperature ports

Product Information

- Body:** DZR Brass
- Flow Cartridge:** Series 300 Stainless Steel
Wear Surfaces with Stainless Steel Spring
- Accuracy:** ±5%
- Rating:** 400 psig at 250° F

Compact, Y-shaped combination ball valve, AutoFlow regulator and union with four accessory port locations. Unit is factory set to automatically limit the gpm to within ±5% of the specified amount. The flow cartridge is removable from the valve body to provide access for flow rate changes, inspection, and cleaning without breaking the main piping. The ball valve has Teflon packing, brass packing nut, blowout-proof stem, large diameter plated ball and a handle with vinyl grip. The union has EPDM o-ring and tail piece available in M, F and S connections. Ball valve end is available only in FPT or SWT. Pressure / Temperature ports are standard.

Dimensions not to be used for construction unless prints certified by factory.

Dimensions

Model	Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	Weight (lbs.)	Cvs	Maximum gpm Control Range (psi)	
											2 - 32	5 - 60
ACM050	1/2"	2.3	1.9	4.0	6.0	1.6	1.5	2.0	1.6	5.4	3.0	5.0
ACM075	3/4"	2.3	1.9	4.1	6.5	1.6	1.5	2.0	1.7	5.4	3.0	5.0

Notes

Dimensions based on S X S connections and will vary with mixed options/connections.

Weights and dimensions are subject to minor changes.

Cv's based on the body only without flow cartridge.

* 1/4" port only

** 3/4" FPT available only with adapter on union side.

Connections

Model	Size	Fixed Connections (Outlet)	Union Connections (Inlet) **
ACM050	1/2"	1/2" S, F	3/8" S
ACM075	3/4"	3/4" S, F	1/2" S, F, M 3/4" S, M

S = sweat F = female NPT M = male NPT

Flow Rates

Size	PSID Range/Code		Flow Rate (gpm)
1/2" - 3/4"	2 - 32	L	0.33, 0.5, 0.64, 0.75, 0.88, 1.0, 1.1, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 3.0
	5 - 60	H	1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0

Model Order Designation

Connections

Ball Valve end first. See Connection Table .

1/2" Sweat x 3/8" Sweat Shown

Model / Size

1/2" ACM Shown

GPM

1 GPM Shown

ACM050L - 1/2 S X 3/8 S - AV1 - 1

Options

Use for options that have specific locations.

Manual Air Vent Shown

S = sweat

F = female NPT

M = male NPT

Options Available

AA Automatic Air Vent

AV Manual Air Vent

DX Ext. Dual P/T Ports

EH Extended Handle

HN Hose End Drain, Cap and Retainer Strap

MI Metal I.D. Tag

PB Plastic Bagging

PI Plastic ID Tag

PL Plug

SE Stem Extender

T4 1/4" Fpt Tap

Various convenience fittings are available

Disclaimer: The products, texts, photographs, graphics and diagrams in this submittal may be subject to alteration by Flow Design Inc. without prior notice or reason being given.