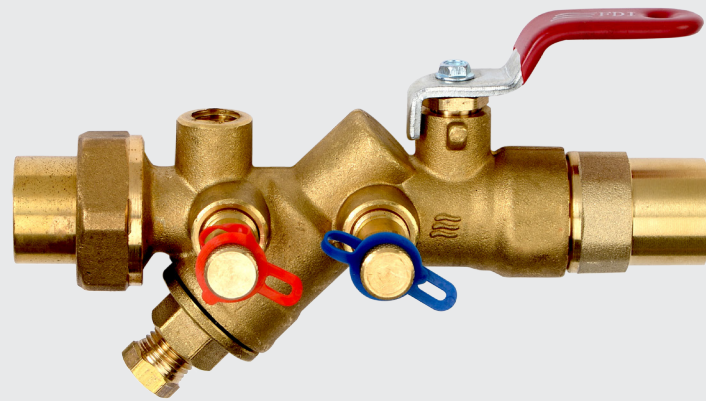


# ACM



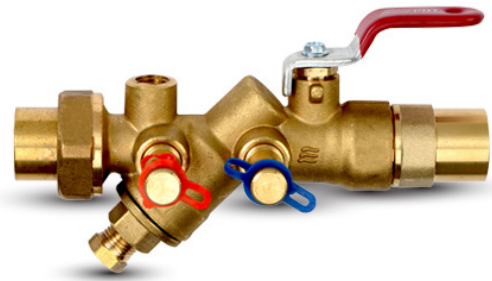
## Automatic Balancing Valves

Mini flow regulator, ball valve and union

*Engineering  
GREAT Solutions*

# ACM

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  $\pm 5\%$  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 PTFE 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.



## Key features

- > **Flow Limiting** >  $\pm/- 5\%$  > Tamper Resistance  
No wasted pumping
- > **Compact**  
Union, regulator and shut-off in one

## Technical description

**Application:**  
Hydronic Balancing

**Dimensions:**  
1/2" - 3/4"

**Accuracy:**  
 $\pm/- 5\%$

**Functions:**  
Flow regulator, union and shut-off

**Pressure class:**  
400 psig at 250° F (27 bar at 120° C)

**Material:**  
Body: DZR Brass  
Flow cartridge: Series 300 stainless steel wear surfaces with stainless steel spring

## Connections

Model	Size in./mm	Fixed Conn. (Outlet) in./mm	Union Conn. (Inlet) in./mm
ACM0050	1/2" (15)	1/2" (15) S, F	1/2 (15) F, M, S
ACM0075	3/4" (20)	3/4" (20) S, F	3/4 (20) F, M, S

**S** = sweat

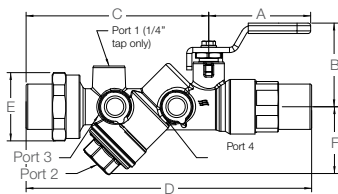
**F** = female NPT

**M** = male NPT

## Flow Rate

Size	PSID Range	Flow Rate (gpm)
1/2" - 3/4"	2 - 32 (L)	0.33, 0.5, 0.67, 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

## Articles



### Dimensions

Model	Size	A	B	C	D	E	F	G	Weight	Cvs
	in.	in.	in.	in.	in.	in.	in.	in.	lb.	
ACM0050	1/2	2.3	1.9	4.0	6.0	1.6	1.5	2.0	2.5	7.9
ACM0075	3/4	2.3	1.9	4.1	6.5	1.6	1.5	2.0	2.5	8.8

### Notes

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

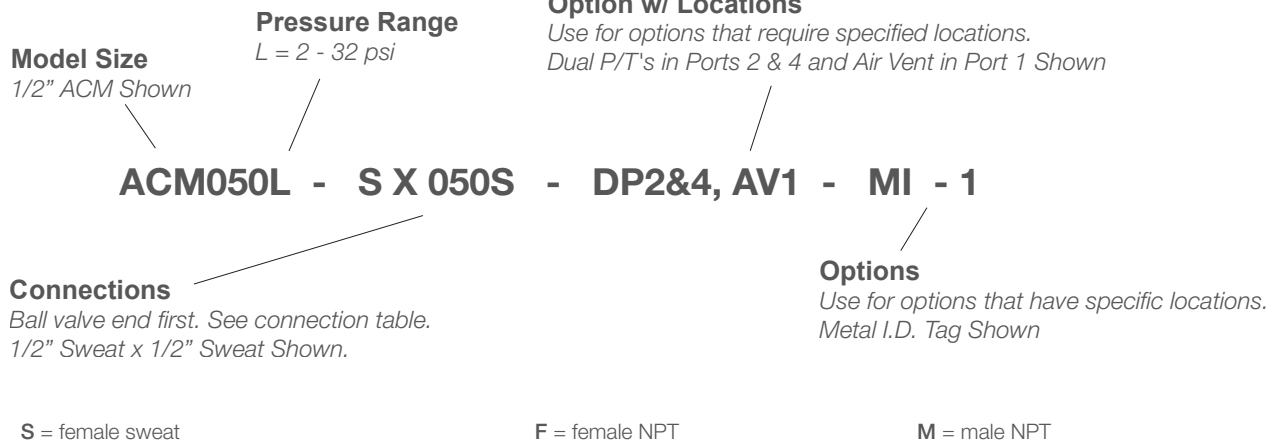
Weights and dimensions are subject to minor changes.

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

\*1/4" port only

See IOM for cartridge change instructions.

## Model Order Designation



## Options Available

<b>AA</b> Manual Air Vent	<b>MI</b> Metal ID Tag	<b>SE</b> Stem Extender
<b>DX</b> Ext. P/T Ports	<b>PI</b> Plastic ID Tag	<b>T4</b> 1/4" Tap
<b>EH</b> Extended Handle	<b>PL</b> Plug	
<b>HN</b> Hose End Drain	<b>PP</b> ProPress®	



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