

Model AL is a low-lead automatic flow control device. The removable flow cartridge is factory set to automatically limit the GPM to within ±5% of the specified flow.

Standard features include EPDM O-rings and seals, FNPT end connections and dual plugged accessory ports.



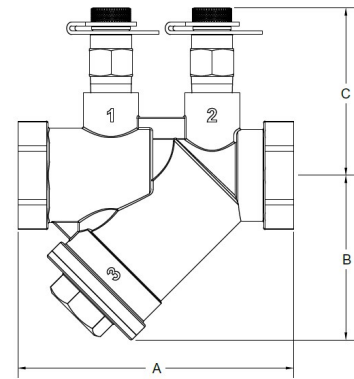
LOW LEAD

AUTOMATIC

SPECIFICATIONS	
Pressure Ratings:	400 PSI (2758 kPa)
Temperature Ratings:	250°F (121°C)
Accuracy:	± 5% of flow rate
Body Material:	Naval Brass, C46500 Low-Lead (Max. lead content .25% by weight)
End Connections:	FNPT - Inlet and Outlet
Flow Cartridge(s):	Ultrason [®] Composite
Seals:	EPDM
Available Options:	PL - Low-Lead PT test port PE - Press End Connections



Cartridge




Above shown with optional PL test ports installed.

NOMINAL DIMENSIONS & WEIGHTS

MODEL	SIZE		A	B	C ±	Weight		GPM SETTINGS 2-32 PSID	
	in	mm				lbs	kg		
AL-050	0.50"	15	in	3.70	2.15	2.19	1.15	0.52	0.35, 0.5, 0.66, 0.75, 0.88, 1.0, 1.1, 1.3, 1.5, 1.75, 2.0, 2.2, 2.5, 2.65, 3.0, 3.5, 4.0, 4.5, 5.0
			mm	94.10	54.60	55.60			
AL-075	0.75"	20	in	3.84	2.15	2.19	1.17	0.53	0.35, 0.5, 0.66, 0.75, 0.88, 1.0, 1.1, 1.3, 1.5, 1.75, 2.0, 2.2, 2.5, 2.65, 3.0, 3.5, 4.0, 4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0
			mm	97.50	54.60	55.60			
AL-100	1.00"	25	in	4.23	2.15	2.19	1.32	0.60	5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0
			mm	107.40	54.60	55.60			
AL-125	1.25"	32	in	5.31	3.00	2.44	2.82	1.28	
			mm	135.00	76.35	62.03			

NOTE: Dimensions not for construction purposes unless certified by factory.
 ± Dimensions with optional "PL" Low-Lead Pressure / Temperature Test Port.

OPTIONAL ACCESSORY COMPONENTS

	PL	Low-Lead Pressure / Temperature test port with brass body, dual durometer EPDM core, brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 500 PSI (3450 kPa) and 275°F (135°C)
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Please reference data sheet #Bulletin-MB-Accessories for optional accessories.

Optional features and accessories available for this Macon product are an extra charge, and not included in the standard model price.

www.maconbalancing.com



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