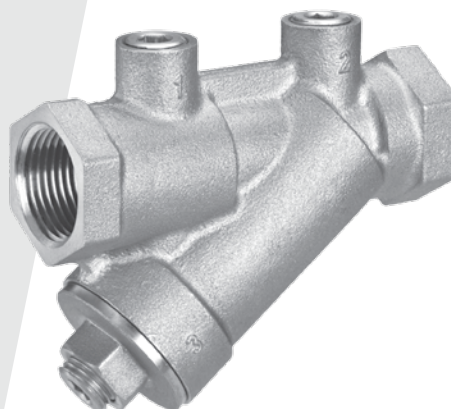


AL

Low - Lead Automatic Balancing Valve

NuTech's AL is a Low-Lead Automatic flow control valve. The removable flow cartridge is factory set to automatically limit the GPM to within $\pm 5\%$ of the specified flow. Standard features include EPDM O-rings and seals, FNPT Inlet and Outlet End Connections and 0.25" plugged accessory ports. Valve conforms to NSF/ANSI 372.



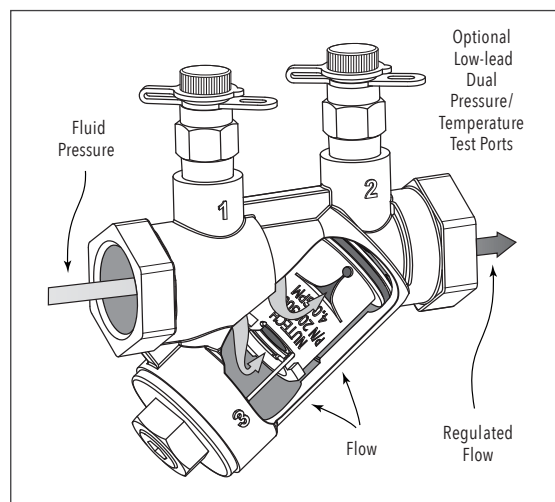
PRODUCT INFORMATION

PART	MATERIALS
Body, Cap & Acc. Port Plugs	Naval Brass, C46500 Low-Lead*
End Conn.	FNPT Inlet and Outlet
Cartridge	0.50" - 1.25" Ultrason® Composite
Seals	EPDM

* Maximum lead content of .25% by weight.

SPECIFICATIONS

Function:	Automatic Balancing Valve
Sizes:	0.50" - 1.25"
Ratings:	Pressures to 400 PSIG (2758 kPa) Temperatures to 250° F (120° C)
Pressure Range:	2-32 PSID
Accuracy:	$\pm 5\%$ of flow rate

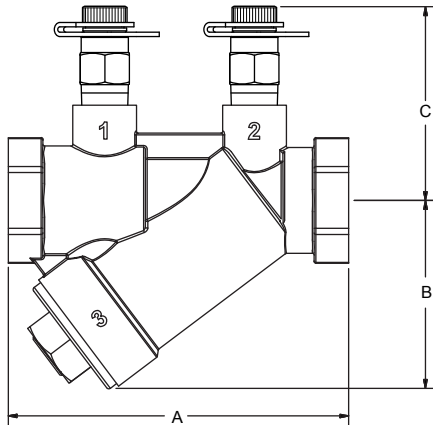


CONNECTIONS

MODEL - SIZE	INLET SIZE	OUTLET SIZE	CONNECTION END TYPE
AL2 - 050F	0.50" 15mm	0.50" 15mm	F, P
AL2 - 075F	0.75" 20mm	0.75" 20mm	F, P
AL2 - 100F	1.00" 25mm	1.00" 25mm	F, P
AL3 - 125F	1.25" 32mm	1.25" 32mm	F, P

Connections: F = Female FNPT, *P = Press End, *Optional Accessories are an additional charge

AL 0.50" - 1.25" Low-Lead Automatic Balancing Valve



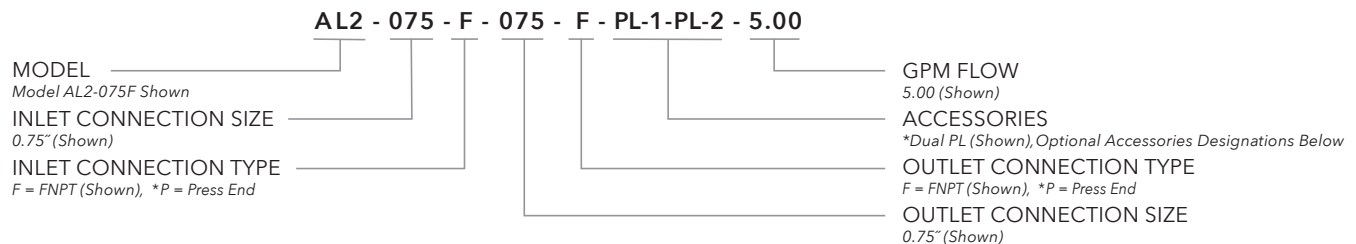
Model AL illustration and Nominal Dimensions shown with two optional "PL" Low-Lead Pressure/ Temperature Test Ports

NOMINAL DIMENSIONS, WEIGHTS & FLOWS

MODEL / BODY SIZE	SIZE			A	B	C	WEIGHT		GPM SETTINGS 2-32 PSID
	in	mm					lbs	kg	
AL2-050F	0.50	15	in	3.70	2.15	2.19	1.15	0.52	0.35, 0.50, 0.66, 0.75, 0.88, 1.00, 1.10, 1.30, 1.50, 1.75, 2.00, 2.20, 2.50, 2.65, 3.00, 3.50, 4.00, 4.50, 5.00
			mm	94.10	54.60	55.60			
AL2-075 F	0.75	20	in	3.84	2.15	2.19	1.17	0.53	0.35, 0.50, 0.66, 0.75, 0.88, 1.00, 1.10, 1.30, 1.50, 1.75, 2.00, 2.20, 2.50, 2.65, 3.00, 3.50, 4.00, 4.50, 5.00, 6.00, 7.00, 8.00, 9.00, 10.00, (12.00 available for AL2-100F only)
			mm	97.50	54.60	55.60			
AL2-100 F	1.00	25	in	4.23	2.15	2.19	1.32	0.60	
			mm	107.40	54.60	55.60			
AL3-125 F	1.25	32	in	5.31	3.00	2.44	2.82	1.28	5.00, 6.00, 7.00, 8.00, 9.00, 10.00, 11.00, 12.00, 13.00, 14.00, 15.00, 16.00, 17.00, 18.00, 19.00, 20.00, 21.00
			mm	135.00	76.35	62.03			

Nominal Dimensions & Weights shown above are not to be used for construction purposes unless first certified by the Factory.

ORDERING DESIGNATION



Inlet & Outlet Connection: F = Female FNPT, *Optional Connection: *P = Press End

AVAILABLE OPTIONS Please note *Optional Accessories are an extra charge and not included in the standard model price.

Accessory Designations:	BT Bag & Tag	PL Low-Lead Pressure/Temperature Port
CC Connection Charge	* PT Pressure/Temperature Port	
* DV Drain Valve	* PV Pressure/Temperature Vent	
* DX Dual PT/PL Extenders	* PX Extended Pressure/Temperature Vent	
HT Hanging Tag (Plastic)	* SX Single PT/PL Port Extender	

* = Non Low-Lead Optional Accessories