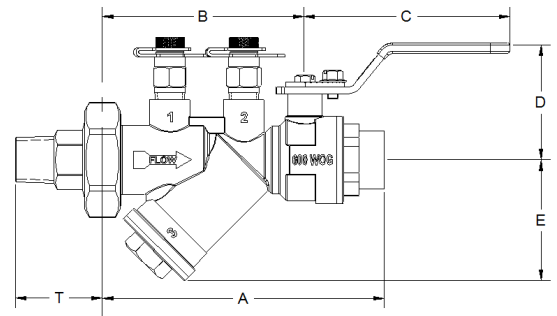


*Model AB Automatic Balancing Valve is a combination ball valve, automatic flow control device and union. The removable flow cartridge is factory set to automatically limit the GPM to within +5% of the specified flow. The ball valve has a chrome plated ball, Teflon seats and a blowout proof stem with double EPDM O-ring seals. The union has an EPDM O-ring seal and tailpiece available in MNPT, FNPT, and SWT end connections. Standard features include Memory Stop and Dual Pressure / Temperature Ports.*



### SPECIFICATIONS

Pressure Ratings:	600 PSI (4140 kPa)
Temperature Ratings:	250°F (120°C)
Body Material:	Forged Brass
End Connections:	Brass – Fixed End:SWT, FNPT; Union End: SWT, FNPT,& MNPT
Flow Cartridge: 1/2" thru 1-1/2" 2"	Ultrason® Composite Stainless Steel
Accuracy:	± 5% of flow rate
Seals:	EPDM
Ball:	Chrome Plated Brass, full port, 100% positive shut-off. <i>Optional 316 Stainless Steel.</i>
Stem:	Brass. <i>Optional 316 Stainless Steel.</i>
Handle:	Full size Zinc Plated lever with Vinyl Grip
Available Options:	"PTV" combination PT & air vent, hose end drain, valve, & extensions

### NOMINAL DIMENSIONS & WEIGHTS

SIZE		A		B	C	D	E	*T SWT	Wgt lbs	GPM SETTINGS 2-32 PSID					
in	mm	FNPT	SWT												
1/2"	15	in	4.96	4.95	3.67	3.66	2.08	2.15	0.83	2.09					
		mm	126	125.7	93.23	92.96	52.83	54.61	21.08						
3/4"	20	in	4.97	5.09	3.67	3.66	2.08	2.15	0.98		2.09				
		mm	126.24	129.29	93.23	92.96	52.83	54.61	24.89						
1" R	25	in	5.11	5.25	3.67	3.66	2.08	2.15	0.92			5.05			
		mm	129.79	133.35	93.23	92.96	52.83	54.61	23.37						
1" H	25	in	6.98	7.18	5.38	5.03	2.44	3.61	1.41				5.05		
		mm	177.29	182.37	136.65	127.76	61.98	91.69	35.81						
1-1/4"	32	in	7.06	7.24	5.38	5.03	2.44	3.61	1.43					5.17	
		mm	179.32	183.90	136.65	127.76	61.98	91.69	36.32						
1-1/2" R	40	in	7.06	7.37	5.38	5.03	2.44	3.61	1.17						5.17
		mm	179.32	187.2	136.65	127.76	61.98	91.69	29.72						
1-1/2" H	40	in	9.59	9.91	7.44	5.66	2.83	3.91	1.17	8.63					
		mm	249.6	251.7	189.0	143.6	71.9	99.5	29.72						
2"	50	in	9.56	10.35	7.44	5.65	2.83	3.92	1.5		8.65				
		mm	242.82	262.89	188.98	143.51	71.88	99.57	38.1						

\* Please reference the tailpiece data sheet for other sizes and connections.  
Dimensions not for construction purposes unless certified by factory

### STANDARD COMPONENTS



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).



Memory stop with position indicator, zinc coated steel.

Please reference data sheet (Form #M-TP) for optional accessories.

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

**Tunstall Corporation**  
118 Exchange Street  
Chicopee, MA 01013