

Model #ABW - Automatic flow control valve with wafer
Ductile iron body, lug type butterfly, dual PT ports

Model #SVF wye strainer w/ butterfly valve,
(1) PT port, Blowdown/Drain Valve and (2)
additional ports for accessories

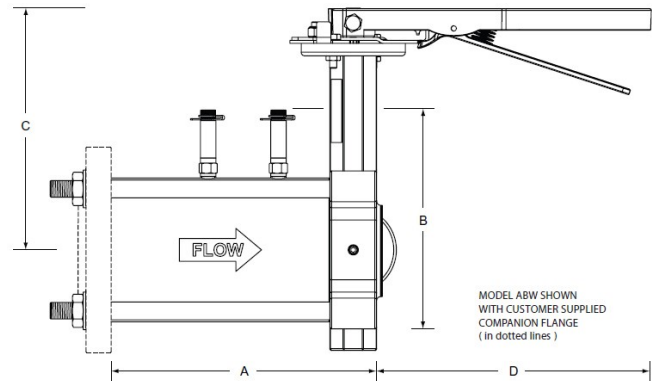
Submitted By:
Tunstall Corporation
118 Exchange Street
Chicopee, MA 01013
Phone: 413-594-8695
Fax: 413-598-8109

Model ABW Automatic Balancing Valve incorporates a wafer style cast steel body and lug type butterfly valve. The removable flow cartridge(s) is factory set to automatically limit the GPM to within $\pm 5\%$ of the specified flow. Shipped with Rods and Nuts for use with customer supplied flange. Standard features include Dual Pressure / Temperature Ports.



AUTOMATIC

SPECIFICATIONS	
Pressure Ratings:	200 PSIG (1380 kPa)
Temperature Ratings:	250°F (121°C)
Accuracy:	$\pm 5\%$ of flow rate
Body Material (Wafer):	Cast Steel
Butterfly Valve:	Ductile Iron A536 65-45-12
Disc:	Aluminum Bronze B148 C954
Stem:	Stainless Steel 416 A582
Seat:	EPDM with Phenolic Backing
Bushing:	Teflon/Fiberglass Backed
Seal:	EPDM
End Connections:	ANSI 150# Flanged
Flow Cartridge(s):	Stainless Steel Wear Surfaces with Stainless Steel Springs
Available Options:	"PTV" combination PT & Air Vent



NOMINAL DIMENSIONS & WEIGHTS												
MODEL	SIZE			A	B	C	D	WEIGHT		Max. No. Cartridges	Maximum gpm (lps) Control Range psi (kPa)	
	in	mm						lbs	kg		2-32 (14-221)	5-60 (34-414)
ABW-250	2.5"	65	in	7.50	7.00	7.20	9.00	23.0	13.5	1	80	120
			mm	190	180	185	230				(5.0)	(7.6)
ABW-300	3.0"	80	in	10.60	7.50	7.60	9.00	34.0	18.0	1	135	170
			mm	255	190	195	230				(8.5)	(10.7)
ABW-400	4.0"	100	in	11.70	9.00	8.40	9.00	53.0	29.9	2	270	340
			mm	295	230	215	230				(17.0)	(21.4)
ABW-500	5.0"	125	in	12.30	10.00	8.90	9.00	86.0	39.2	3	405	510
			mm	315	255	225	230				(25.5)	(32.1)
ABW-600	6.0"	150	in	12.40	11.00	9.60	9.00	103.0	46.7	4	540	680
			mm	315	280	245	230				(34.0)	(42.8)
ABW-800	8.0"	200	in	13.40	13.50	10.80	5.00	151.0	68.6	7	945	1190
			mm	340	345	275	130				(59.5)	(75.0)

STANDARD COMPONENTS		
	PT & PTE	Pressure / Temperature test port with brass body, dual durometer EPDM core, PTE Extender, 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)

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.

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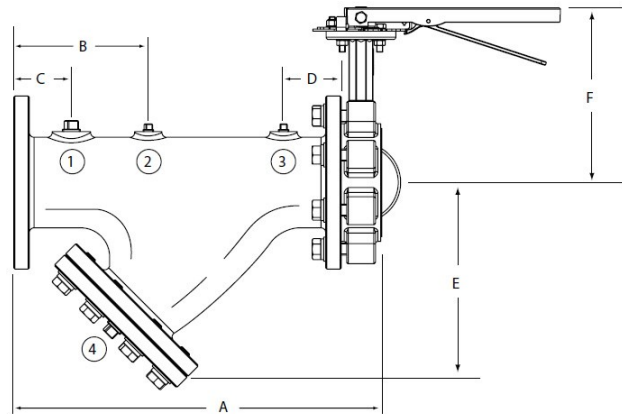


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Section: Components Bulletin-MB-ABW-0915.02

Model SVF is a combination strainer valve featuring a cast iron wye strainer with removable stainless steel strainer screen, bolted cover with blow down connection and ANSI 125# Flanged End Connections. Mounted on the inlet is a ductile iron lug type butterfly valve. Strainer body features three threaded accessory ports.



SPECIFICATIONS	
Pressure Ratings:	175 PSI (2775 kPa)
Temperature Ratings:	250°F (121°C)
Strainer Body Material:	Cast Iron ASTM A 126 Class B
Screen:	S/S Type 304, ASTM A 167
Screen Opening:	2" - 6" 0.045 perf. 8" - 12" 0.125 perf.
Cover Gasket:	Fiber
End Connections:	ANSI 125# Flanged drilling
Butterfly Valve:	Ductile ASTM A 536 64-45-12
Disc:	Aluminum Bronze ASTM B 148 C 95400
Seat:	EPDM
Bushing:	Teflon Fiberglass Backed
Seal:	EPDM
Stem:	Stainless Steel 416 ASTM A582
Available Options:	"PTV" combination PT & Air Vent and "DV" Drain Valve



STRAINERS

NOMINAL DIMENSIONS & WEIGHTS															
MODEL	SIZE			A	B	C	D	E	F	1	2	3	4	WEIGHT	
	in	mm								NPT	NPT	NPT	NPT	lbs	kg
SVF-250	2.5"	65	in	12.93	5.00	3.00	3.00	7.60	8.15	0.75"	0.25"	0.25"	1.00"	49.0	22.23
			mm	328.42	127.00	76.20	76.20	193.00	207.00						
SVF-300	3.0"	75	in	14.00	6.00	3.00	3.00	8.30	8.39	0.75"	0.25"	0.25"	1.00"	58.0	26.31
			mm	355.59	152.40	76.20	76.20	210.80	213.00						
SVF-400	4.0"	100	in	16.32	7.00	3.00	3.00	10.10	9.13	0.75"	0.25"	0.25"	1.25"	91.0	41.28
			mm	414.52	177.80	76.20	76.20	256.50	232.00						
SVF-500	5.0"	125	in	20.25	9.00	3.50	3.50	11.90	9.65	0.75"	0.25"	0.25"	1.25"	145.0	65.77
			mm	514.35	228.60	88.90	88.90	302.30	245.00						
SVF-600	6.0"	150	in	22.69	10.00	4.00	4.00	17.40	10.16	0.75"	0.25"	0.25"	1.50"	179.0	81.19
			mm	576.33	254.00	101.60	101.60	442.00	258.00						
SVF-800	8.0"	200	in	26.39	12.00	4.00	4.00	17.40	13.50	0.75"	0.25"	0.25"	1.50"	328.0	148.78
			mm	670.31	304.80	101.60	101.60	441.96	343.00						
SVF-1000	10.0"	250	in	32.08	15.00	5.00	5.00	20.88	14.75	0.75"	0.25"	0.25"	2.00"	530.0	240.40
			mm	814.83	367.50	127.00	127.00	530.35	375.00						
SVF-1200	12.0"	300	in	36.78	17.00	5.00	5.00	23.31	16.50	0.75"	0.25"	0.25"	2.00"	714.0	323.87
			mm	934.21	431.80	127.00	127.00	592.00	419.00						

Dimensions not for construction purposes unless certified by factory.

Please reference data sheet #Bulletin-MB-Accessories for optional accessories.

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