



560 SERIES 150MM FLOWMETER

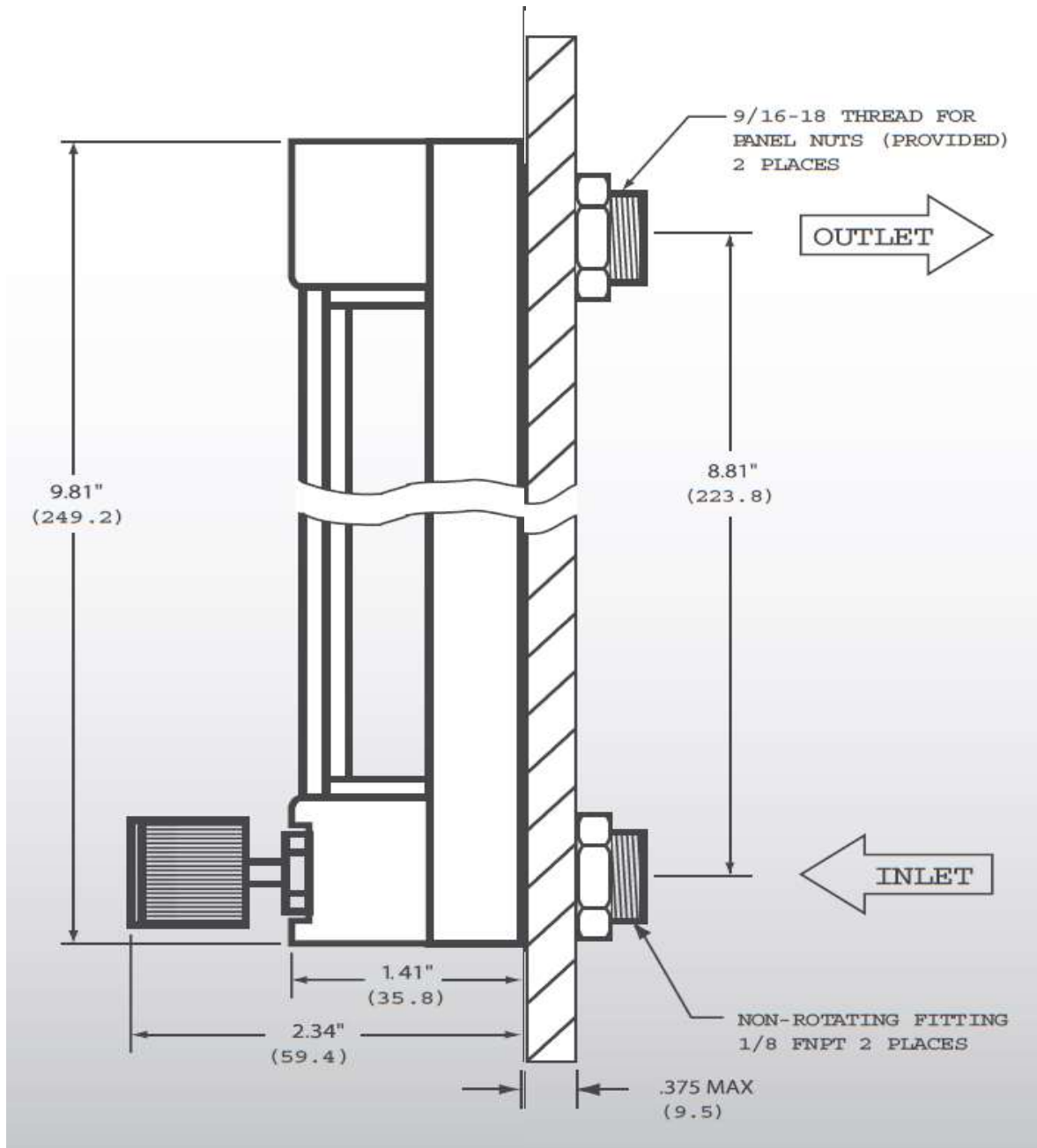
The 560 Series (6") 150mm variable area flowmeters offer inherent simplicity, versatility, and economy in a precision flow instrument. The 150mm scale (6") is particularly suited for metering critical flows in laboratories, pilot plants or process applications as well as controlling carrier gases used in chromatography.

Flow readings from the millimeter scale are converted to actual flow using the calibration chart provided with the flowtube. WestAir offers a wide variety of flowtube and float combinations to provide the optimum flow range for each application.



<i>Features</i>	<i>Materials</i>	<i>Specifications</i>
<p>Rib-Guided Tube Internals Precise stable flow readings</p> <p>Rotating Magnifier Lens Enhances reading resolution</p> <p>Two Panel Mount Retaining Nuts Easy industrial panel mounting</p> <p>Flowtubes Easily Interchangeable One flowmeter frame accommodates a wide range of flow requirements</p>	<p>Flowtube Heavy-walled borosilicate glass</p> <p>Front Shield Lexan polycarbonate</p> <p>End Fitting Brass or 316L stainless steel</p> <p>Seals Buna-N (aluminum) Viton® (316L stainless steel) EPDM (optional) Kalrez® (optional)</p>	<p>Accuracy ±3% full scale</p> <p>Repeatability ±.25% full scale</p> <p>Maximum Pressure 200 PSIG (14 BAR)</p> <p>Maximum Temperature 200°F (93°C)</p> <p>Useful Flow Range 10:1</p>

560 FLOWMETER DIAGRAM



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Order Information

Model	Tube Size*	Float Material*	Material	Valve	End Connection*
Series	A	B	C	D	-CON(X)
560	1: 1	1: Glass	0: No frame* (fitting and float only)	0: Tube and float only	000: 1/8" FPT
	2: 2	2: Sapphire	1: Black anodized aluminum†	1: Standard valve	TF2: 1/8" tube
	3: 3	3: 316L stainless steel	2: 316L stainless steel†	2: High-accuracy valve*	TF4: 1/4" tube
	4: 4	4: Carbolloy	*Not available with a valve †not available without a valve	* Not available with tube size 8 or 9 (A=8 or 9)	HB4: 1/4" hose barb
	5: 5	*Please see selection chart below for air flow information		*For EPDM/EPR seals, add "E" after the end connection. For Kalrez® seals, add "K" after end connection.	

Selection Chart

Tube Size	Float Material	Air Flow (14.7 PSIA @ 70° F)		
		ml/min	SCFH	LPM
1	1 (Glass)	50	0.11	0.05
1	2 (Sapphire)	78	0.17	0.08
1	3 (Stainless Steel)	152	0.32	0.15
1	4 (Carbolloy)	281	0.60	0.28
2	1 (Glass)	100	0.21	0.10
2	2 (Sapphire)	155	0.33	0.15
2	3 (Stainless Steel)	295	0.63	0.30
2	4 (Carbolloy)	490	1.04	0.49
3	1 (Glass)	400	0.85	0.40
3	2 (Sapphire)	550	1.17	0.55
3	3 (Stainless Steel)	850	1.80	0.85
3	4 (Carbolloy)	1275	2.70	1.27
4	1 (Glass)	850	1.80	0.85
4	2 (Sapphire)	1150	2.44	1.15
4	3 (Stainless Steel)	1750	3.71	1.75
4	4 (Carbolloy)	2480	5.26	2.48

Tube Size	Float Material	Air Flow (14.7 PSIA @ 70° F)		
		ml/min	SCFH	LPM
5	1 (Glass)	2300	4.88	2.30
5	2 (Sapphire)	2950	6.25	2.95
5	3 (Stainless Steel)	4450	9.43	4.45
5	4 (Carbolloy)	6375	13.5	6.37
6	1 (Glass)	3500	7.42	3.50
6	2 (Sapphire)	4550	9.65	4.55
6	3 (Stainless Steel)	6800	14.4	6.80
6	4 (Carbolloy)	9730	20.6	9.72
7	1 (Glass)	10200	21.6	10.19
7	2 (Sapphire)	13025	27.6	13.02
7	3 (Stainless Steel)	19050	40.4	19.07
7	4 (Carbolloy)	27000	57.2	27.00
8	1 (Glass)	25000	53	25.01
8	2 (Sapphire)	32500	68.9	32.52
8	3 (Stainless Steel)	46200	97.9	46.20
8	4 (Carbolloy)	65,700	139.3	65.74

Related Options

Part Number	Description
CON 5600001	Tripod base
CON 5650001	Brass regulator adapter kit
CON 5650002	316L stainless steel regulator adapter kit

Can't find what you need? We will be happy to assist you to find the right flowmeter to fit your needs.