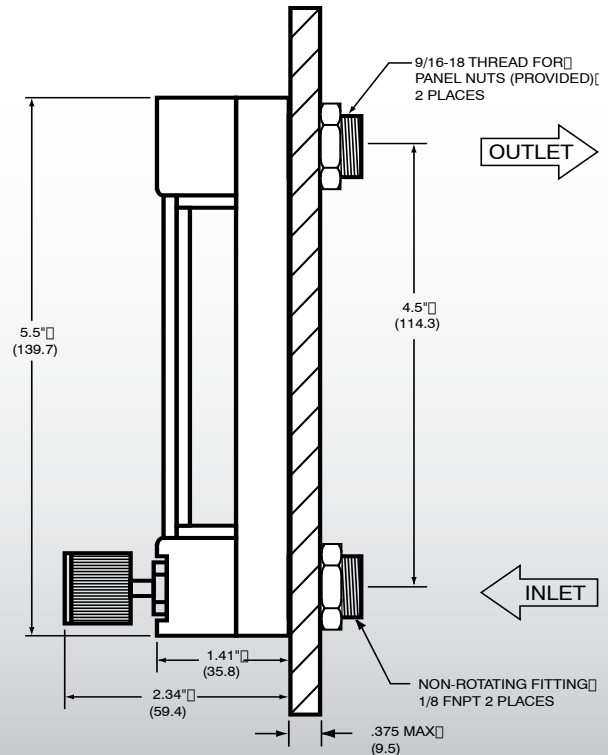


565 Series 65mm Flowmeter

The 565 Series 65mm variable area flowmeters offer inherent simplicity, versatility and economy in a precision flow instrument. The compact size of the 65mm scale is preferred in industrial panel-mounting applications and for direct mounting to a pressure regulator.

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



Features

- Rib-Guided Tube Internals
 - Precise stable flow readings
- Rotating Magnifier Lens
 - Enhances reading resolution
- Two Panel Mount Retaining Nuts
 - Easy industrial panel mounting
- Flowtubes Easily Interchangeable
 - One flowmeter frame accommodates a wide range of flow requirements

Materials

Flowtube
Heavy-walled borosilicate glass
Front Shield
Lexan polycarbonate
End Fitting
Black anodized brass or 316L stainless steel
Seals
Buna-N (brass)
Viton® (316L stainless steel)
EPDM (optional)
Kalrez® (optional)

Specifications

Accuracy
±5% full scale
Repeatability
±.25% full scale
Maximum Pressure
200 PSIG (14 BAR)
Maximum Temperature
200°F (93°C)
Useful Flow Range
10:1

Flowmeters, Purges, Valves & Accessories

Ordering Information

565	A	B	C	D	- X(X)
Series 565	Tube Size*	Float Material*	Material	Valve	End Connection*
	1: 1	1: Glass	0: No frame* (tube and float only)	0: Tube and Float Only	000: 1/4" FPT
	2: 2	2: Sapphire	1: Black anodized brass†	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 with tube size 8 (A=8)	HB4: 1/4" Hose Barb
	5: 5	5: Tantalum	†Not available without a valve		*For EPDM/EPR seals, add "E" after the end connection. For Kalrez® seals, add "K" after end connection.
	6: 6	*Please see selection chart below for air flow information			
	7: 7				
	8: 8				
	9: 9				
	*Please see selection chart below for air flow information				

Selection Chart

Tube Size	Float Material	Air Flow (14.7 psia @ 70° F)	
		ml/min	scfh
1	1 (glass)	51	0.11
1	2 (sapphire)	78	0.17
1	3 (stainless steel)	156	0.33
1	4 (carbolloy)	280	0.59
1	5 (tantalum)	310	0.66
2	1 (glass)	100	0.21
2	2 (sapphire)	150	0.32
2	3 (stainless steel)	255	0.54
2	4 (carbolloy)	475	1.01
2	5 (tantalum)	520	1.1
3	1 (glass)	400	0.85
3	2 (sapphire)	545	1.16
3	3 (stainless steel)	845	1.79
3	4 (carbolloy)	1275	2.7
3	5 (tantalum)	1370	2.9
4	1 (glass)	900	1.91
4	2 (sapphire)	1175	2.49
4	3 (stainless steel)	1780	3.77
4	4 (carbolloy)	2600	5.51
4	5 (tantalum)	2750	5.83
5	1 (glass)	2500	5.3
5	2 (sapphire)	3360	7.12
5	3 (stainless steel)	5000	10.6

Tube Size	Float Material	Air Flow (14.7 psia @ 70° F)	
		ml/min	scfh
5	4 (carbolloy)	7200	15.3
5	5 (tantalum)	7600	16.1
6	1 (glass)	4000	8.48
6	2 (sapphire)	5200	11
6	3 (stainless steel)	7650	16.2
6	4 (carbolloy)	11000	23.3
6	5 (tantalum)	11575	24.5
7	1 (glass)	6000	12.7
7	2 (sapphire)	7240	15.3
7	3 (stainless steel)	11420	24.2
7	4 (carbolloy)	16275	34.5
7	5 (tantalum)	17350	36.8
8	1 (glass)	10000	21.2
8	2 (sapphire)	12970	27.5
8	3 (stainless steel)	18800	39.86
8	4 (carbolloy)	26665	56.53
8	5 (tantalum)	28285	59.96
9	1 (glass)	24500	51.94
9	2 (sapphire)	31900	67.63
9	3 (stainless steel)	44425	94.18
9	4 (carbolloy)	63600	134.83
9	5 (tantalum)	64200	136.1

Related Options

Stock No.	Description
560-0001	Tripod Base
565-0001	Brass Regulator Adapter Kit
565-0002	316L Stainless Steel Regulator Adapter Kit