



TECHNICAL DATA SHEET

OUTSTANDING FEATURES

- Cost effective design eliminates flange on meter.
- Outstanding accuracy.
- Short Wafer Series meters are rated to meet the pressure rating of any flange as listed in ASME B 16.5.
- Provides wide flow ranges 10:1 turndown typical.



GAS SIZE SELECTOR CHART FOR STANDARD HO SERIES TURBINE FLOWMETERS

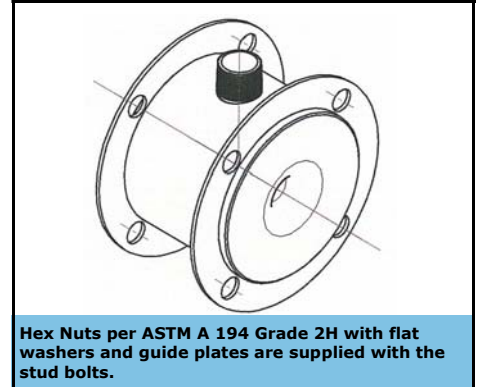
Flowmeter Size Diameter (inches)	End Fitting Size Diameter (inches)	Repeatable Range** Based on a Gas Density of 1#/Ft ³		Repeatable Range** Based on a Gas Density of .25#/Ft ³	
		Magnetic Coil (ACF/M)	MCP Coil (ACF/M)	Magnetic Coil (ACF/M)	MCP Coil (ACF/M)
5/8	2	N/A	.5-10	N/A	1-10
3/4	3/4	N/A	.6 – 20	N/A	1.2 – 20
1	1	2.5 – 43	.8 – 43	5 – 43	1.6 – 43
1-1/4	1-1/4	3.5 – 100	1.25 – 100	7 – 100	2.5 – 100
1-1/2	1-1/2	5.0 – 120	1.75 – 120	10 – 120	3.5 – 120
2	2	10 – 200	3.5 – 200	20 – 200	7 – 200
2-1/2	2-1/2	15 – 500	5 – 500	30 – 500	10 – 500
3	3	20 – 600	7.5 – 600	40 – 600	15 – 600
4	4	30 – 1100	N/A	60 – 1100	N/A
5	5	40 – 1800	N/A	80 – 1800	N/A
6	6	50 – 3000	N/A	100 – 3000	N/A
8	8	100 – 4800	N/A	200 – 4800	N/A

This chart is for quick reference only and not for final size. Calculate using actual service conditions. Flow ranges shown for 15-degree blade angle only. Four standard blade angles available. **Lower limit of flow range is dependent on user's operating density.

SPECIFICATIONS

- Overrange:** 150% of maximum flow (intermittently).
- Linearity:** ±1% of reading typical.
- Repeatability:** ±.25% of reading typical.
- Available Turn Down Range:** 10:1 Typical.
- Available Temperature Range:** -450°F to +350°F . Dependent upon bearing/coil selection.
- Pressure Drop Characteristics:** 1 to 3 PSI at maximum linear flow rate.
- Materials:** 316/316L dual rated stainless steel standard. Consult with applications group for corrosive applications. Broad material list available.

Wafer Meter shown with Guide Rings to Mate to Customer's Existing Flange



Hex Nuts per ASTM A 194 Grade 2H with flat washers and guide plates are supplied with the stud bolts.

