

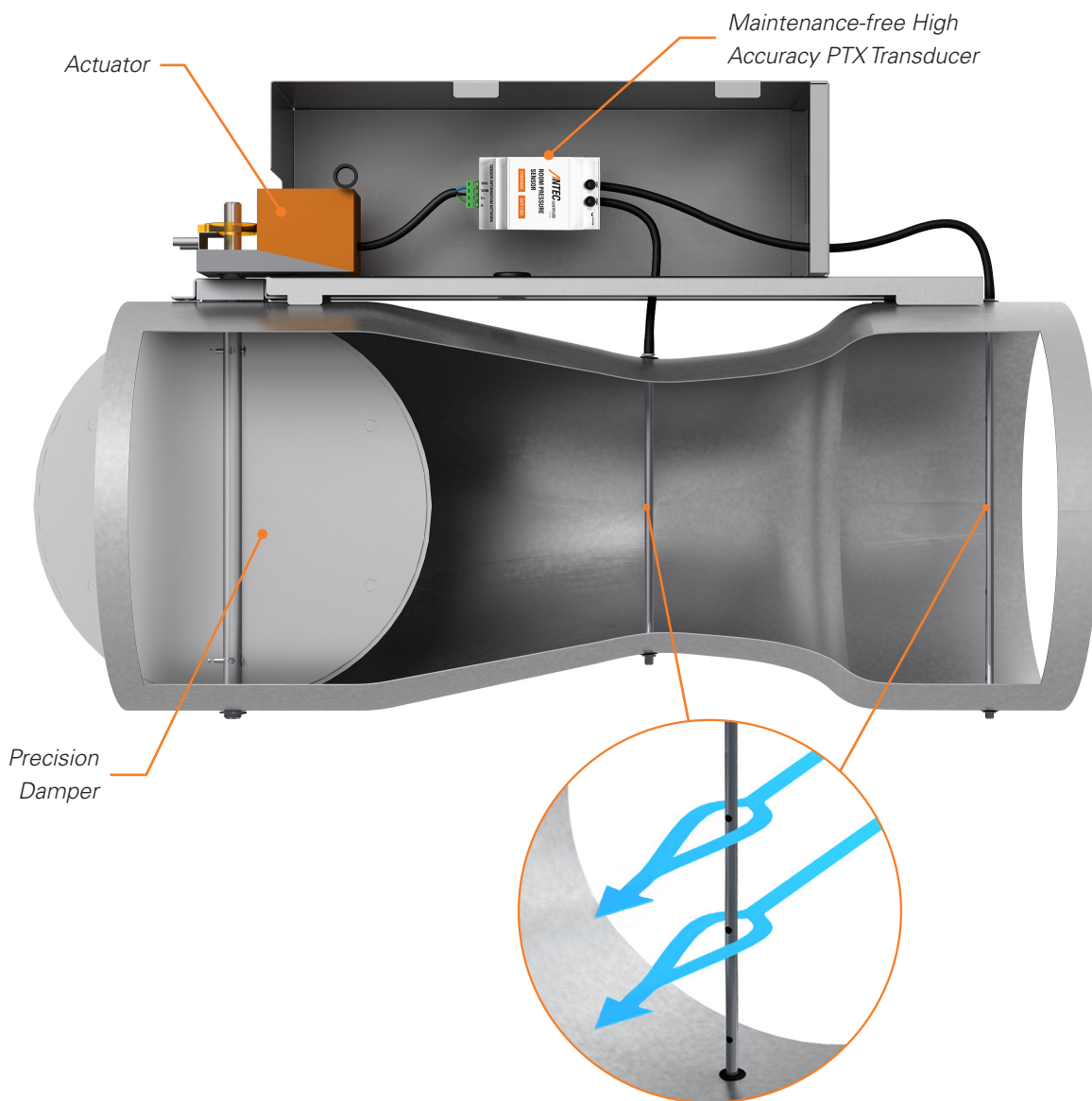
VFX

VENTURI FX



The Antec Controls Venturi FX is designed specifically for room pressure control and laboratory applications. Paired with the maintenance-free, high accuracy Antec Controls Pressure Transducer (PTX) and an actuator, the VFX achieves precise airflow measurement and control for critical environments.

During operation, the Venturi FX measures flow using ports installed non-invasive to the airflow stream, greatly reducing the risk of lint or other airborne particulates interfering with the control or accuracy of the valve. In addition, the Venturi FX will operate at low pressure drop while achieving a 10:1 turndown ratio. Each valve is factory verified on NVLAP accredited airflow calibration stations (NVLAP Lab Code 201067-0 complying with ISO/IEC 17025:2005) using N.I.S.T traceable equipment to ensure dependable and repeatable valve accuracy.



PRESSURE TRANSDUCER (PTX)

The Antec Controls Pressure Transducer (PTX) is a compact differential pressure output module that utilizes a high accuracy sensor for measuring pressure. The flow-through, non-invasive digital sensor allows for maintenance-free pressure measurement. This device is used with the innovative Antec Controls flow measuring station that is the least susceptible to contamination in the market.



SPECIFICATIONS

Operation	
Temperature Rating	0 – 50°C (32 – 120°F)
Humidity Rating	10 – 95% RH non-condensing
Electrical	<ul style="list-style-type: none"> • 24 VAC power, 1 VA, Class 2 • Dual 0-10VDC analog outputs • Transducer accuracy: 3% of reading • Transducer range: 0-2 in.w.c.

Specifications subject to change without notice

TYPICAL APPLICATIONS

The Venturi FX airflow control valve is designed specifically for precision room pressure and fume hood control applications.

FEATURES

- + Controlled accuracy within +/-5% of measured airflow when using Antec Controls
- + High Speed or Standard Speed actuation
- + Closed loop airflow measurement

OPTIONS & ACCESSORIES

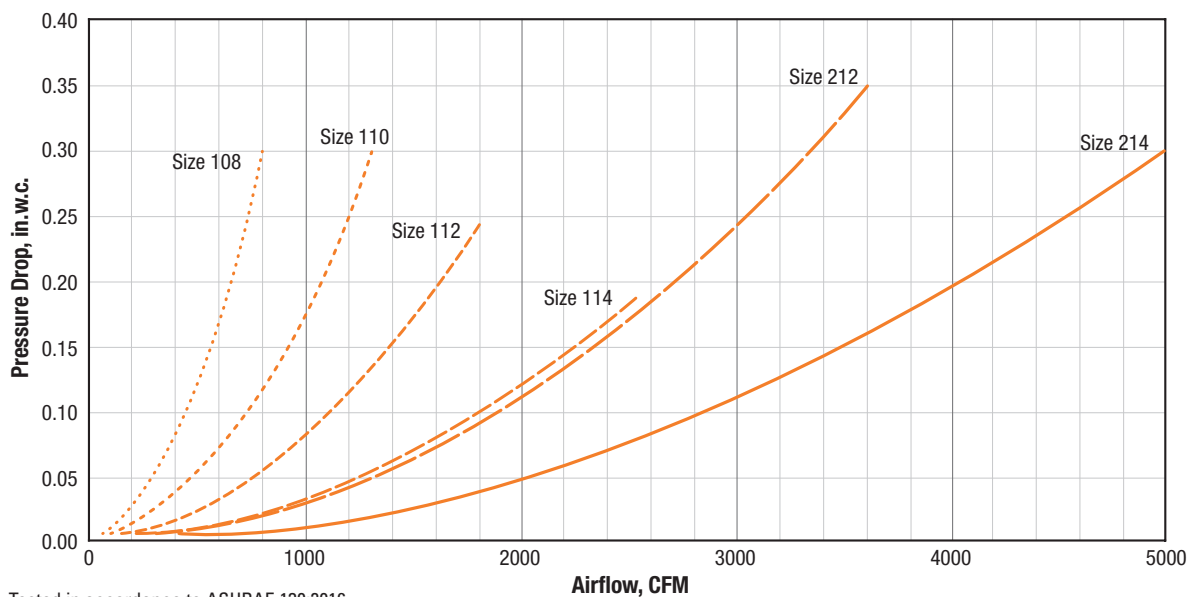
See Valve & Accessories Section for details

- + Actuator Options
- + Insulation Options
- + Connection Options
 - Slip
 - Flanged
- + Connection Accessories
 - Drawband Clamps
 - Companion Flanges
- + Hot Water Coils
- + Electric Coils
- + Silencers

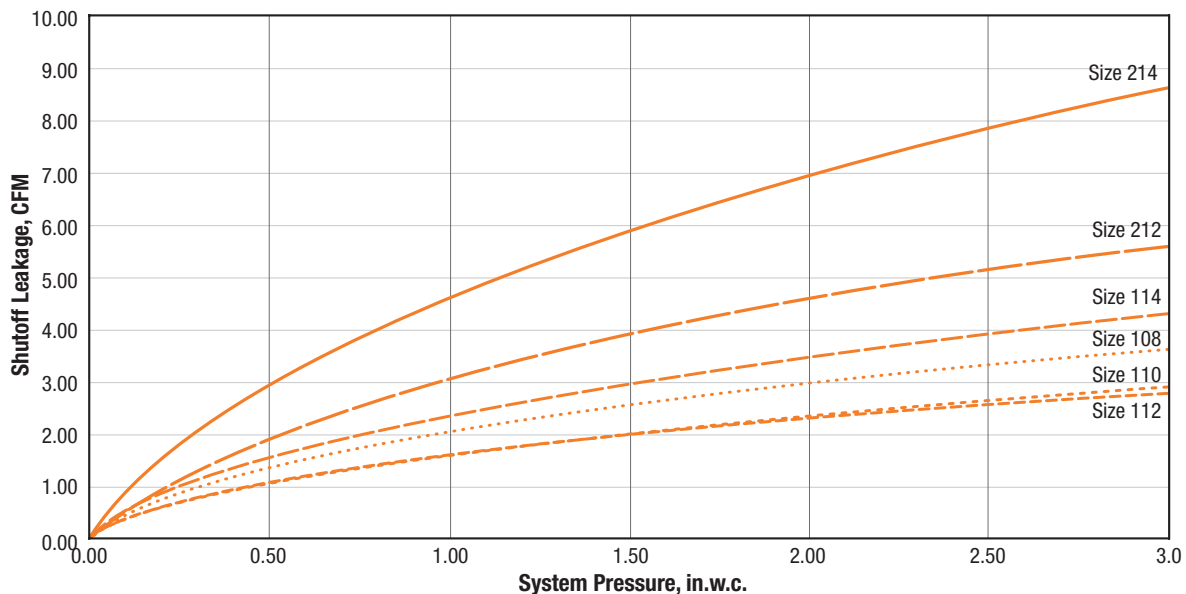
OPERATIONAL FLOW

Unit Size	Minimum Flow (CFM)	Maximum Flow (CFM)
108	80	800
110	120	1300
112	180	1800
114	250	2500
212	360	3600
214	500	5000

STATIC PRESSURE RANGE

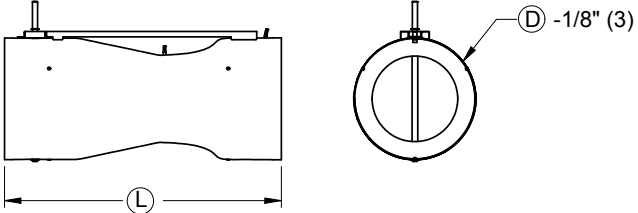


LEAKAGE RATES

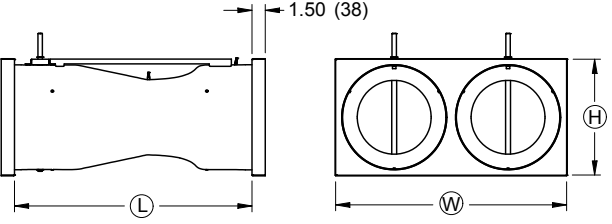


DIMENSIONAL DATA

Single Valve

Unit Size	D	L	Weight		
	in.	in.	lb.		
108	8	23.5	19		
110	10	21.75	20		
112	12	27	22		
114	14	30	24		

Dual Valve

Unit Size	L	H	W	Weight		
	in.	in.	in.	lb.		
212	27	13.25	26.25	40		
214	30	15.25	30.25	45		

See current submittals on www.AntecControls.com for complete dimensional data.

PERFORMANCE DATA

See current information on www.AntecControls.com



Product Improvement is a continuing endeavour at Antec Controls by Price. Therefore, specifications are subject to change without notice.

Consult your Sales Representative for current specifications or more detailed information. Not all products may be available in all geographic areas. All goods described in this document are warranted as described in the Limited Warranty.

The complete product catalog can be viewed online at AntecControls.com