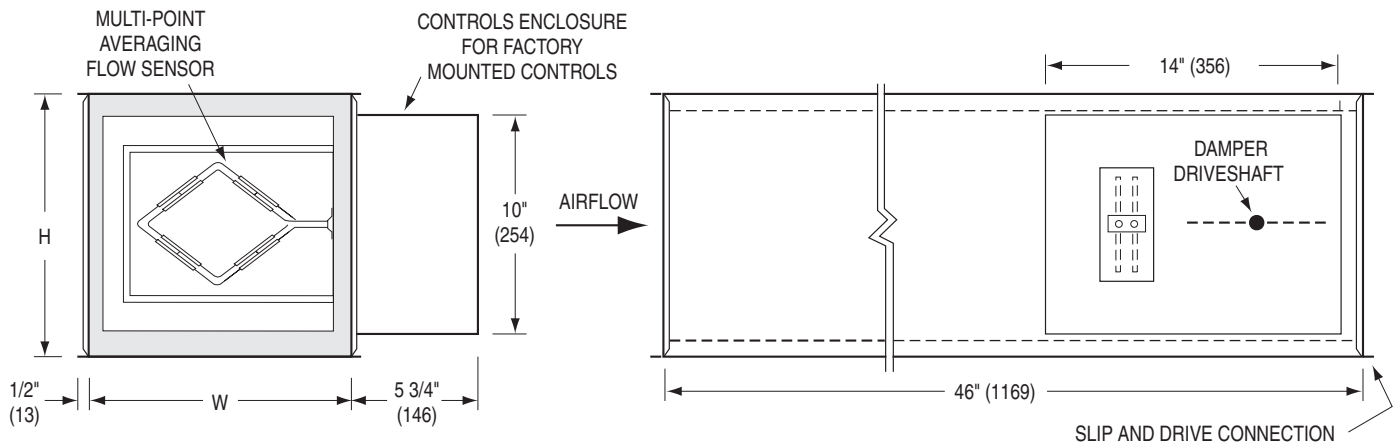




**SINGLE DUCT EXHAUST TERMINAL UNIT**  
**36VRS VALVE WITH INLET SOUND ATTENUATOR**  
**PRESSURE INDEPENDENT • VARIABLE OR CONSTANT VOLUME**  
**MODEL: (Dor A)36VRS+ATT DIGITAL OR ANALOG CONTROL**



\* Minimum flows are based upon 0.02" w.g. differential pressure from flow sensor. Maximum recommended flow rates 1500 fpm nominal duct velocity for acoustical consideration. Higher velocities may be used, but sound levels will escalate and are dependent on ductwork design and attenuation. Keep static pressure below 1" w.g. wherever possible.

Suitable for use at velocities up to 3000 fpm and 6" w.g.

**Standard Features:**

1. Damper: 16 ga. (1.6) galvanized steel construction with extruded PVC blade seals and metallic side jamb seals. 90° rotation CW to close. Leakage is less than 2% of nominal CFM @ 3.0" w.g. as tested in accordance with ANSI/ASHRAE Standard 130.
2. Bearings: Celcon®.
3. Drive Shaft: 1/2" (13) dia. plated steel, double-bolted to blade. Indicator mark on the end of the shaft to show damper position.
4. Controls enclosure: A 20 ga. (0.91) galvanized steel enclosure to enclose all controls is available and is supplied as standard when controls are factory mounted. Exact size and location may vary dependent upon controls.
5. Multi-point averaging flow sensor: Aluminum. Gauge taps are provided for field balancing when controls are factory mounted.
6. 22 ga. (0.86) zinc coated steel casing, mechanically sealed, low leakage construction.
7. Rectangular inlet and discharge with slip and drive cleat duct connection.
8. 3/4" (19), dual density insulation, exposed edges coated to prevent air erosion. Meets the requirements of NFPA 90A and UL 181.

Unit Size	Min. - Max. Airflow Range				Available Duct Size	
	Pneumatic		Digital/Analog		Width x Height	
	cfm	l/s	cfm	l/s	inches	mm
7	70 - 450	33 - 212	60 - 450	28 - 212	5 x 5 to 12 x 8	127 x 127 to 305 x 203
8	110 - 650	52 - 307	85 - 650	40 - 307	6 x 6 to 14 x 10	152 x 152 to 356 x 254
9	140 - 900	66 - 425	110 - 900	52 - 425	8 x 6 to 16 x 10	203 x 152 to 406 x 254
10	240 - 1500	113 - 708	180 - 1500	85 - 708	10 x 8 to 18 x 12	254 x 203 to 457 x 305
11	320 - 2000	151 - 944	260 - 2000	123 - 944	14 x 8 to 24 x 12	356 x 203 to 610 x 305
11A	310 - 2000	146 - 944	250 - 2000	118 - 944	18 x 6 to 26 x 10	457 x 152 to 660 x 254
12	350 - 2250	165 - 1062	280 - 2250	132 - 1062	12 x 10 to 22 x 14	305 x 254 to 559 x 356
13	500 - 3200	236 - 1510	435 - 3200	205 - 1510	18 x 10 to 30 x 14	457 x 254 to 762 x 356
14	650 - 4000	307 - 1888	540 - 4000	255 - 1888	18 x 12 to 28 x 16	457 x 305 to 711 x 406
15	850 - 5200	401 - 2454	700 - 5200	330 - 2454	20 x 14 to 30 x 18	508 x 356 to 762 x 457
15A	1020 - 6500	481 - 3067	870 - 6500	411 - 3067	30 x 12 to 36 x 16	762 x 305 to 914 x 406
16	1000 - 6500	472 - 3067	850 - 6500	401 - 3067	22 x 16 to 36 x 20	559 x 406 to 914 x 508
17	1250 - 8200	590 - 3870	1100 - 8200	519 - 3870	24 x 18 to 36 x 26	610 x 457 to 914 x 660
18	1750 - 12000	826 - 5663	1500 - 12000	708 - 5663	30 x 20 to 46 x 26	762 x 508 to 1168 x 660
19	2300 - 15000	1085 - 7079	1900 - 15000	897 - 7079	40 x 20 to 52 x 26	1016 x 508 to 1321 x 660

9. Right-hand controls location is standard (shown) when looking in direction of airflow. Optional left hand controls mounting is available, when damper is CCW to close.

**Controls:**

See separate submittal.

**Options:**

- Steri-Liner.
- Fiber-Free Liner.
- 24 VAC control transformer.
- Toggle disconnect switch.
- Dust light enclosed seal.
- Hanger brackets.
- Controls enclosure for field mounted controls.
- Dust tight enclosure seal.
- Special Features:

<b>SCHEDULE TYPE:</b>	Dimensions are in inches (mm).			
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	2 - 13 - 06	3600	8 - 23 - 02	36VRSATT