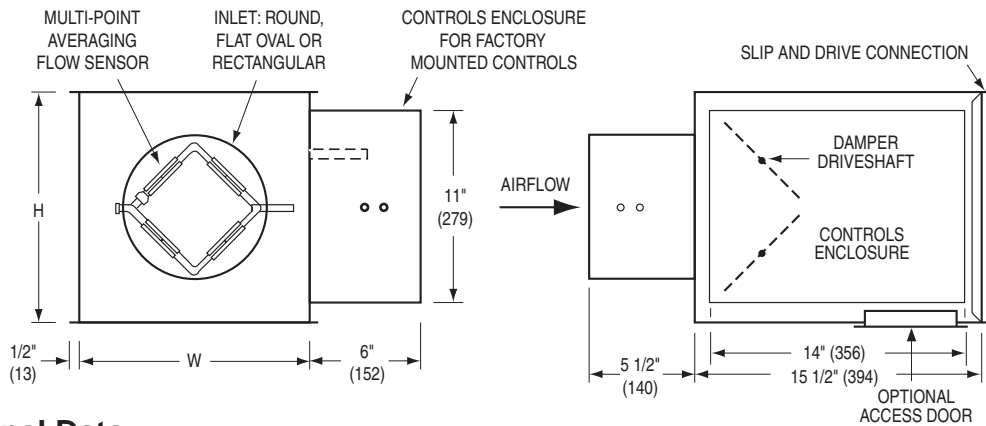




**SINGLE DUCT TERMINAL UNIT**  
**DIGITAL OR ANALOG CONTROLS**  
**PRESSURE INDEPENDENT**  
**VARIABLE OR CONSTANT VOLUME**  
**MODELS: D3001 AND A3001**



**Dimensional Data**

Unit Size	Airflow Range cfm (l/s)	W	H	Inlet Size
4	0 – 180 (0 – 85)	10 (254)	10 (254)	3 7/8 (98) Round
5	0 – 325 (0 – 153)	10 (254)	10 (254)	4 7/8 (124) Round
6	0 – 450 (0 – 212)	10 (254)	10 (254)	5 7/8 (149) Round
7	0 – 650 (0 – 307)	12 (305)	12 1/2 (318)	6 7/8 (175) Round
8	0 – 900 (0 – 425)	12 (305)	12 1/2 (318)	7 7/8 (200) Round
9	0 – 1150 (0 – 543)	14 (356)	12 1/2 (318)	8 7/8 (225) Round
10	0 – 1500 (0 – 708)	14 (356)	12 1/2 (318)	9 7/8 (251) Round
12	0 – 2050 (0 – 967)	18 (457)	12 1/2 (318)	12 15/16 x 9 13/16 (329 x 249) Oval
14	0 – 2550 (0 – 1203)	24 (610)	12 1/2 (318)	16 7/8 x 9 13/16 (408 x 249) Oval
16	0 – 3040 (0 – 1435)	28 (711)	12 1/2 (318)	19 3/8 x 9 13/16 (487 x 249) Oval
24 x 16	0 – 6800 (0 – 3209)	38 (965)	18 (457)	23 7/8 x 15 7/8 (606 x 403) Rect.



**Standard Features:**

- 22 ga. (0.86) zinc coated steel casing, mechanically sealed, low leakage construction.
- 16 ga. (1.63) corrosion-resistant steel inclined opposed blade damper with extruded PVC seals (single blade on size 4, 5, 6). 45° rotation, CW to close. Tight close-off. Damper leakage is less than 2% of the terminal rated airflow at 3" w.g. (750 Pa).
- 1/2" (13) dia. plated steel drive shaft. An indicator mark on the end of the shaft shows damper position.
- Multi-point averaging Diamond Flow Sensor. Aluminum construction. Supplied with balancing tees.

- Rectangular discharge with slip and drive cleat duct connection.
- Full NEMA 1 type controls enclosure for factory mounted controls.
- 3/4" (19), dual density insulation, exposed edges coated to prevent air erosion. Meets the requirements of NFPA 90A and UL 181.
- Right-hand controls location is standard (shown) when looking in direction of airflow. Optional left hand controls mounting is available.

**Controls:**

- Digital (by others).
  - Analog (by Nailor).
- See separate submittal.

**Options and Accessories:**

- Steri-liner.
- Fiber-free liner.
- Solid metal liner.
- Perforated Metal Liner.
- 1" (25) liner.
- Bottom access door.
- 24 VAC control transformer.
- Toggle disconnect switch.
- Hanger brackets.
- Controls enclosure for field mounted controls.
- Dust tight enclosure seal.
- 20 ga. (1.00) construction.
- Special Features: \_\_\_\_\_ .

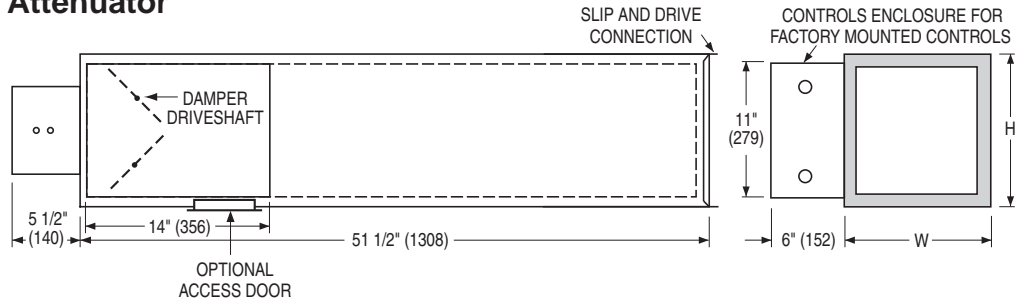
<b>SCHEDULE TYPE</b>	
<b>PROJECT</b>	
<b>ENGINEER</b>	
<b>CONTRACTOR</b>	

Page 1 of 2.  
 Dimensions are in inches (mm).

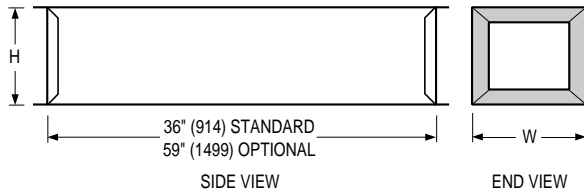
<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
7 - 19 - 10	3000	8 - 3 - 09	D3001-1

**Integral Sound Attenuator**

- Single continuous length terminal construction minimizes casing leakage.
- Continuous internal insulation reduces insulation seams and minimizes airflow disturbance.
- Supplied with same liner as basic unit.

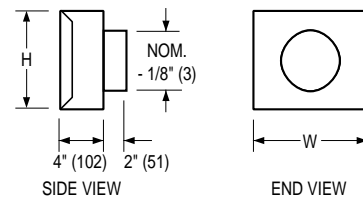


**AT Discharge Sound Attenuator (loose)**



- Shipped loose for field attachment.
  - Slip and drive connection.
  - Supplied as standard with same liner as basic unit.
- AT303 Standard.  
 AT305 Optional.  
 Special Features: \_\_\_\_\_

**FF Round Discharge Collar**



**Dimensional Data**

Unit Size	W	H	FF Outlet Size
4, 5, 6	10 (254)	10 (254)	4, 5, 6 (102, 127, 152)
7, 8	12 (305)	12 1/2 (318)	7, 8 (178, 203)
9, 10	14 (356)	12 1/2 (318)	9, 10 (229, 254)
12	18 (457)	12 1/2 (318)	12 (305)
14	24 (610)	12 1/2 (318)	14 (356)
16	28 (711)	12 1/2 (318)	16 (406)
24 x 16	38 (965)	18 (457)	-

<b>SCHEDULE TYPE</b>	
<b>PROJECT</b>	
<b>ENGINEER</b>	
<b>CONTRACTOR</b>	

Page 2 of 2.  
Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
7 - 19 - 10	3000	8 - 3 - 09	D3001-1