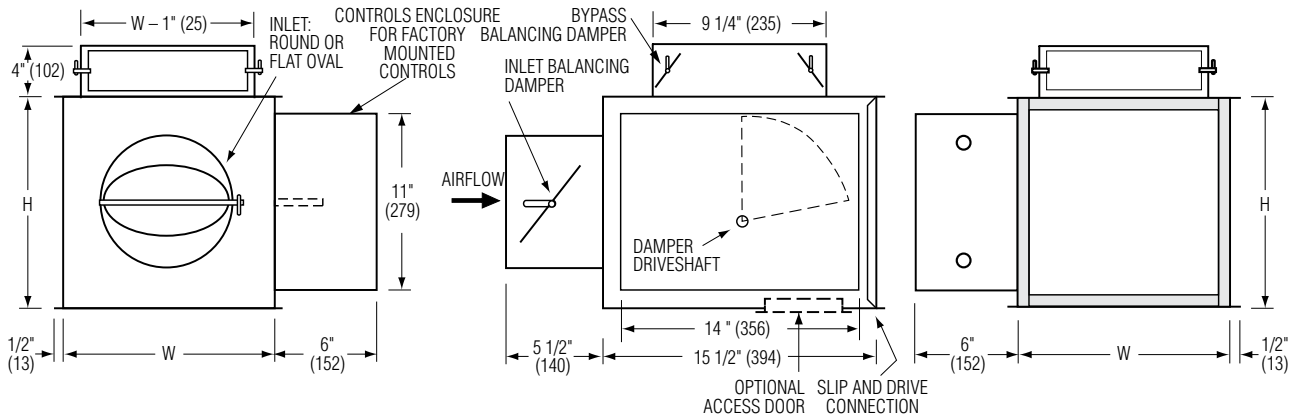




BYPASS TERMINAL UNIT
 DIGITAL OR ANALOG CONTROLS
 PRESSURE DEPENDENT
 MODELS: D3400 AND A3400



Dimensional Data

Unit Size	Airflow Range cfm (l/s)	W	H	Inlet Size
6	0 - 400 (0 - 189)	10 (254)	12 1/2 (318)	5 7/8 (149) Round
8	0 - 700 (0 - 330)	12 (305)	12 1/2 (318)	7 7/8 (200) Round
10	0 - 1100 (0 - 519)	14 (356)	12 1/2 (318)	9 7/8 (251) Round
12	0 - 1600 (0 - 755)	18 (457)	12 1/2 (318)	12 15/16 x 9 13/16 (329 x 249) Oval
14	0 - 2100 (0 - 991)	24 (610)	12 1/2 (318)	16 1/16 x 9 13/16 (408 x 249) Oval
16	0 - 2750 (0 - 1298)	28 (711)	12 1/2 (318)	19 3/16 x 9 13/16 (487 x 249) Oval



Standard Features:

- Casing - 22 ga. (0.86) galvanized steel with round or flat oval inlets. Outlets are rectangular with slip and drive connections.
- Damper - Heavy gauge steel cylindrical "Flow Diverter" valve design for reliable long term operation. 90° rotation. CW to close.
- 1/2" (13) dia. plated steel driveshaft. An indicator mark on the end of the shaft shows damper position.
- 3/4" (19) dual density insulation. Exposed edges are coated to prevent airflow erosion. Material meets requirement of NFPA 90A and UL 181 standards.
- Inlet balancing damper.
- Adjustable bypass port balancing dampers.

- Tested in accordance with ANSI/ASHRAE Standard 130 and AHRI 880, in an independent test laboratory.
- Compact low profile design is ideally suited for installation in tight spaces.
- A full NEMA 1 type controls enclosure is provide for factory mounted controls. (Optional for field mounted controls).
- 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.
- Bypass port may be removed for ducted return applications.
- Gauge tap for system balancing.

Controls:

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

Options and Accessories:

- Full electric controls enclosure for field mounted controls.
- Bottom access door.
- Round / Oval discharge collar.
- Integral attenuator (Casing length changes from 15 1/2" (394) to 51 1/2" (1308) long).
- AT Discharge Attenuator shipped loose.
- Multiple-outlet attenuator (see separate submittal).
- Special features:

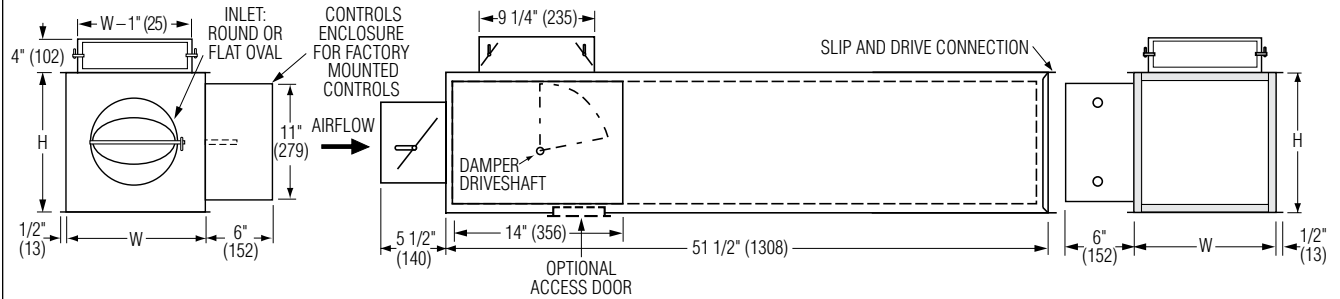
SCHEDULE TYPE:
PROJECT:
ENGINEER:
CONTRACTOR:

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

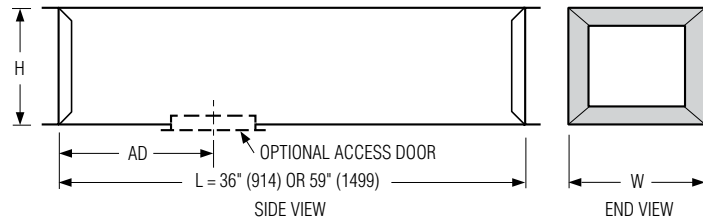
DATE	B SERIES	SUPERSEDES	DRAWING NO.
8 - 18 - 20	3400	7 - 16 - 18	D3400-1

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.

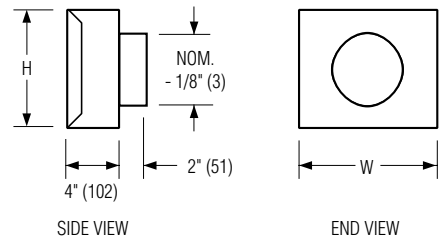


AT Discharge Sound Attenuator (loose)



- 22 ga. (0.86) galvanized steel construction.
 - Shipped loose for field attachment.
 - Slip and drive connection.
 - Supplied as standard with same liner as basic unit.
- **AT343** 3' (914) Long.
 Special Features:

FF Round Discharge Collar



Dimensional Data

Unit Size	W	H	FF Nominal Outlet Size
6	10 (254)	12 1/2 (318)	6 (152)
8	12 (305)	12 1/2 (318)	8 (203)
10	14 (356)	12 1/2 (318)	10 (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)

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	8 - 18 - 20	3400	7 - 16 - 18	D3400-1