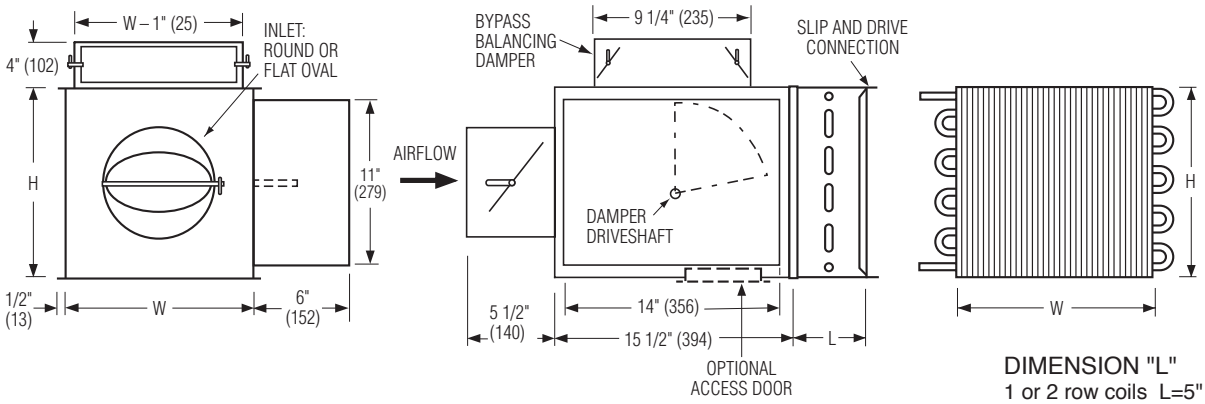
BYPASS TERMINAL UNIT WITH HOT WATER REHEAT

DIGITAL OR ANALOG CONTROLS
PRESSURE DEPENDENT
MODELS: D34RW AND A34RW



DIMENSION "L"
1 or 2 row coils L=5" (127)
3 or 4 row coils L=7 1/2" (191)

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

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VAV Terminals
AHRI Standard 880

Standard Features:

• Casing – 22 ga. 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.

Hot Water Coil Section:

• 1/2" (13) Copper tubes and aluminum ripple fins, 10 per inch.

• 1, 2, 3 or 4 Row.

• Left or right hand connection. Determined by looking in direction of airflow (RH illustrated).

• Sweat connections: One row size 6 through 14, 1/2" (13) O. D. male solder. Size 16 one row and all two, three and four row, 7/8" (22) O.D. male solder.

Controls:

Digital (by others).
- ❑ Factory mounted.
- ❑ Field installed.

❑ Analog (by Nailor). Factory mounted.

See separate submittal.

Options and Accessories:

- ❑ Controls enclosure for field mounted controls.
- ❑ Bottom access door.
- ❑ Hanger brackets.
- ❑ Round / Oval discharge collar.
- ❑ Integral attenuator (Casing length changes from 15 1/2" (394) to 51 1/2" (1308) long).
- ❑ Multiple-outlet attenuator (see separate submittal).
- ❑ Special features:

_____.

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**7 - 16 - 18**	**3400**	**5 - 22 - 18**	**D34RW-1**

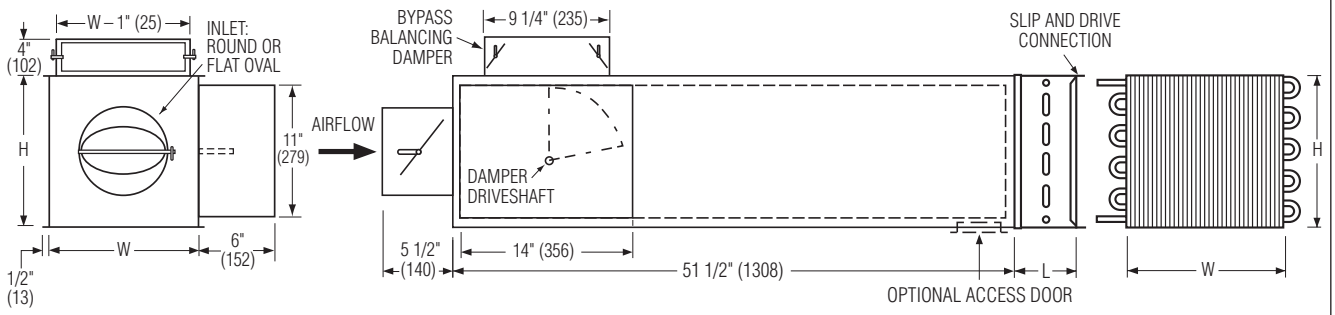
Dimensions are in inches (mm)

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

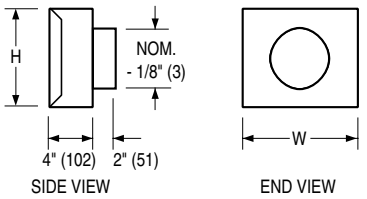
BYPASS TERMINAL UNIT
WITH HOT WATER REHEAT
DIGITAL OR ANALOG CONTROLS
PRESSURE DEPENDENT
MODEL: D34RW AND A34RW

❑ Integral Sound Attenuator plus Hot Water Coil

- 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.



❑ FF Round Discharge Collar



Dimensional Data

Unit Size	W	H	Hot Water Coil		FF Nominal Outlet Size
			L (1 & 2 row)	L (3 & 4 row)	
6	10 (254)	12 1/2 (318)	5 (127)	7 1/2 (191)	6 (152)
8	12 (305)	12 1/2 (318)	5 (127)	7 1/2 (191)	8 (203)
10	14 (356)	12 1/2 (318)	5 (127)	7 1/2 (191)	10 (254)
12	18 (457)	12 1/2 (318)	5 (127)	7 1/2 (191)	12 (305)
14	24 (610)	12 1/2 (318)	5 (127)	7 1/2 (191)	14 (356)
16	28 (711)	12 1/2 (318)	5 (127)	7 1/2 (191)	16 (406)

Dimensions are in inches (mm)

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PROJECT:				
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