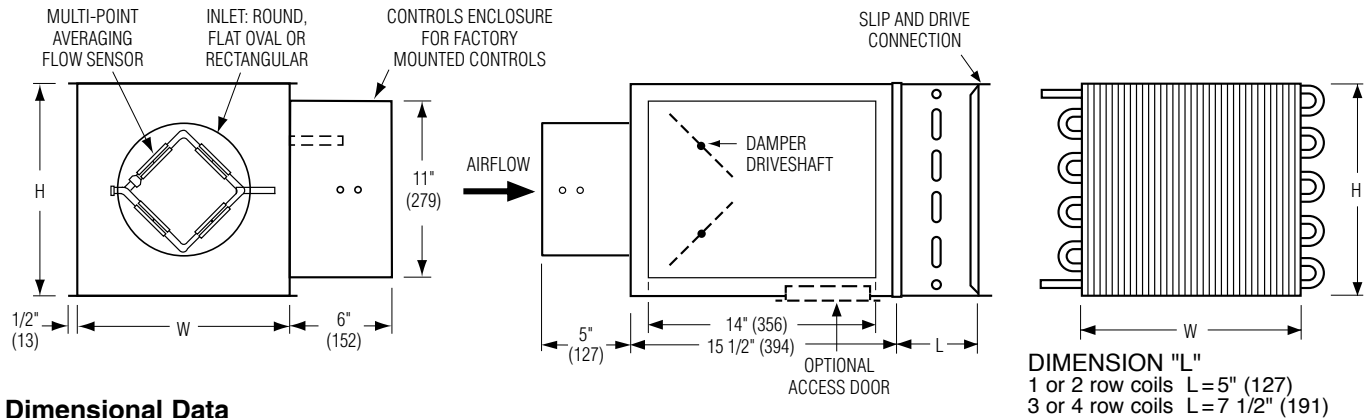




**SINGLE DUCT TERMINAL UNIT WITH  
HOT WATER REHEAT  
DIGITAL CONTROLS • PRESSURE INDEPENDENT  
CONSTANT OR VARIABLE VOLUME  
MODEL: D30RW**



**Dimensional Data**

Unit Size	Airflow Range* cfm (l/s)	W	H	Inlet Size	Coil Connections			
					1 Row	2 Row	3 Row	4 Row
4	0 - 225 (0 - 106)	10 (254)	10 (254)	3 7/8 (98) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
5	0 - 400 (0 - 189)	10 (254)	10 (254)	4 7/8 (124) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
6	0 - 550 (0 - 260)	10 (254)	10 (254)	5 7/8 (149) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
7	0 - 800 (0 - 378)	12 (305)	12 1/2 (318)	6 7/8 (175) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
8	0 - 1100 (0 - 519)	12 (305)	12 1/2 (318)	7 7/8 (200) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
9	0 - 1400 (0 - 661)	14 (356)	12 1/2 (318)	8 7/8 (225) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
10	0 - 1840 (0 - 868)	14 (356)	12 1/2 (318)	9 7/8 (251) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
12	0 - 2500 (0 - 1180)	18 (457)	12 1/2 (318)	12 15/16 x 9 13/16 (329 x 249) Oval	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
14	0 - 3125 (0 - 1475)	24 (610)	12 1/2 (318)	16 1/16 x 9 13/16 (408 x 249) Oval	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
16	0 - 3725 (0 - 1758)	28 (711)	12 1/2 (318)	19 3/16 x 9 13/16 (487 x 249) Oval	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
24 x 16	0 - 8330 (0 - 3931)	38 (965)	18 (457)	23 7/8 x 15 7/8 (606 x 403) Rect.	7/8 (22)	7/8 (22)	1 3/8 (35)	1 3/8 (35)

\* Maximum airflow limit is based upon 1.5" w.g. (373 Pa) max. differential pressure signal from Flow Sensor.

**Standard Features:**

- 22 ga. (0.86) zinc coated steel casing, mechanically sealed, low leakage construction.
- 16 ga. (1.61) 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 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 fiberglass 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.

• Model D30RW can be installed horizontally, vertical or at any angle. Operation is not affected by position.

**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).
- 1/2" (13), 7/8" (22) or 1 3/8" (35) O.D. male solder sweat connections.

**Digital Controls:**

- ☐ Factory mounted (supplied by others)
  - ☐ Field mounted (supplied by others)
  - ☐ Nailor EZvav
- See separate submittal.

**Options and Accessories:**

- ☐ FG 13/16" (21) Steri-liner

- ☐ FG1 1" (25) Steri-liner
  - ☐ FGJ 13/16" (21) Steri-liner w/perf.
  - ☐ FG2 3/4" (19) Fiber-free liner
  - ☐ FG3 1" (25) Fiber-free liner
  - ☐ FJ 3/4" (19) Perforated metal liner/F. Glass
  - ☐ FL 3/4" (19) Solid metal liner/F. Glass
  - ☐ FT1 1"(25) D. D. Fiberglass liner
  - ☐ FTL Low temperature construction
  - ☐ FW No Liner
  - ☐ 20 ga. (1.00) casing.
  - ☐ FMI Removable insert type Flow Sensor
  - ☐ Bottom access door
  - ☐ 24 VAC Control transformer
  - ☐ Toggle disconnect switch
  - ☐ Hanger brackets
  - ☐ Controls enclosure for field mounted controls.
  - ☐ Dust tight enclosure seal
  - ☐ Ultra low leakage casing
- Seismic Certification:
- ☐ Seismic Source International (Standard)
  - ☐ HCAI (formerly OSHPD, California)
  - ☐ Special Features:



Intertek



**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

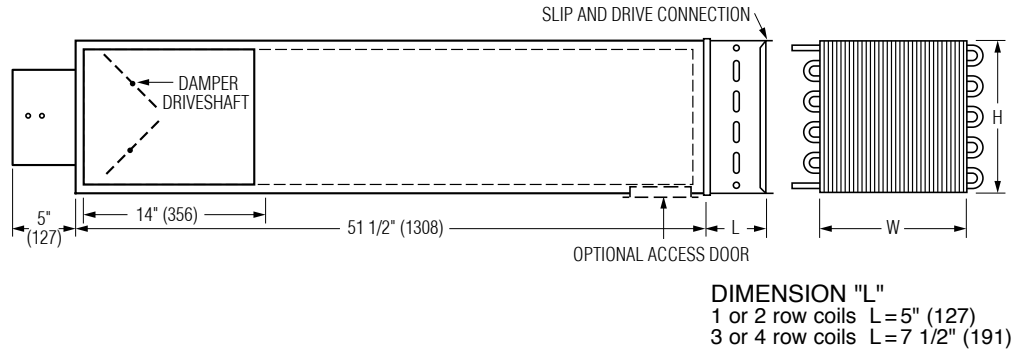
DATE	B SERIES	SUPERSEDES	DRAWING NO.
7 - 11 - 25	3000	1 - 10 - 25	D30RW-1

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Dimensions are in inches (mm).

### ❑ AT3I 3' Integral Sound Attenuator plus Hot Water Coil

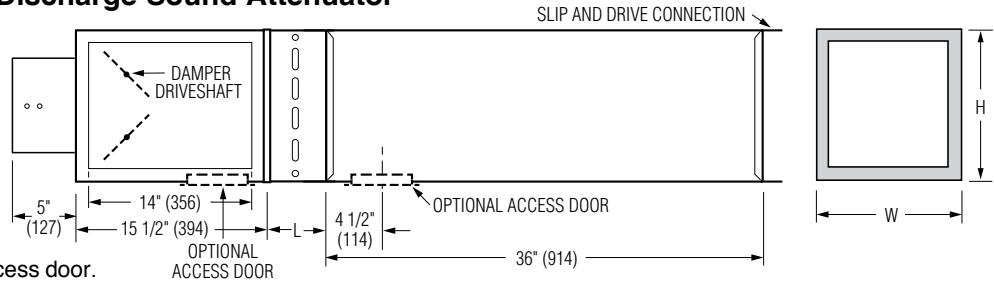
- Single continuous length terminal construction minimizes casing leakage.
- Continuous internal insulation reduces insulation seams and minimizes airflow disturbance.
- Supplied with same liner as basic unit.



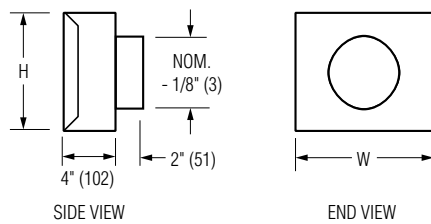
### ❑ AT3S 3' Separate Discharge Sound Attenuator

- 22 ga. (0.86) galvanized steel construction.
- Slip and drive connection.
- Supplied with same liner as basic unit.
- Factory installed.

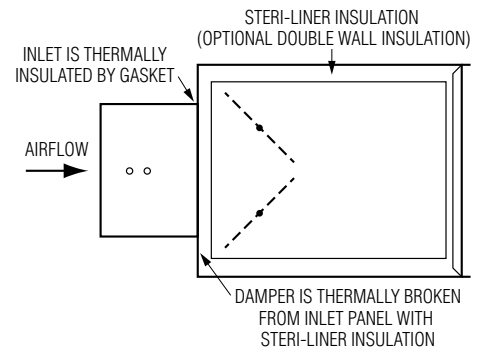
❑ Downstream water coil access door.



### ❑ FF Round Discharge Collar



### ❑ FTL Low Temperature Construction



### Dimensional Data

Unit Size	W	H	Access Door	FF Nominal Outlet Size
4, 5, 6	10 (254)	10 (254)	8 x 5 (203 x 127) Flat Oval	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)	12 x 6 (305 x 152) Flat Oval	14 (356)
16	28 (711)	12 1/2 (318)		16 (406)
24 x 16	38 (965)	18 (457)		—

For Factory Mounted Valve/Piping Package  
Orientation, See drawing D30RWVP-1.

**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

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

DATE	B SERIES	SUPERSEDES	DRAWING NO.
7 - 11 - 25	3000	1 - 10 - 25	D30RW-1