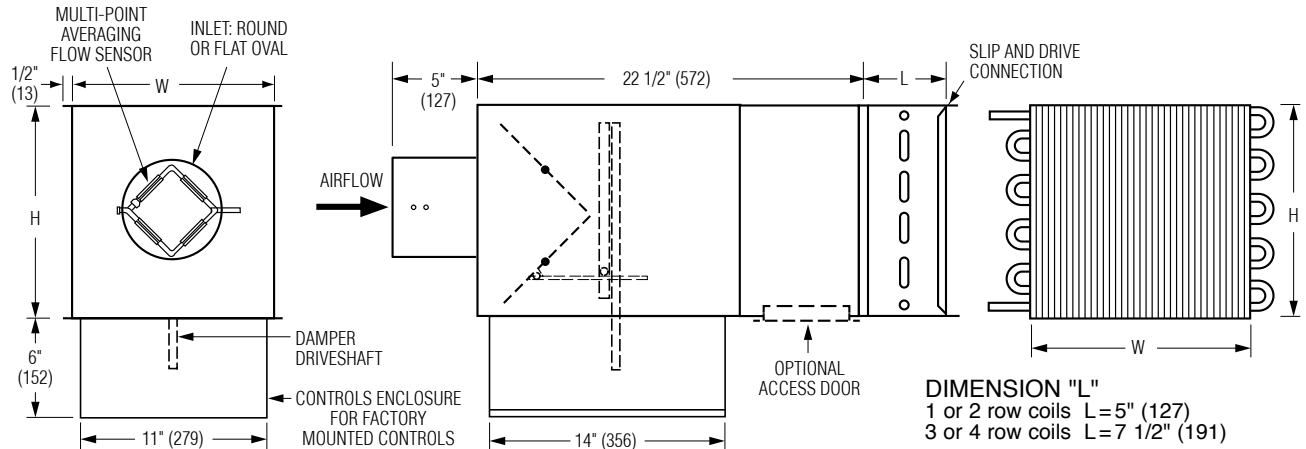




**SINGLE DUCT TERMINAL UNIT W/HOT WATER REHEAT  
OVERSIZED CASING (LARGER WATER COIL)  
DIGITAL CONTROLS • PRESSURE INDEPENDENT  
CONSTANT OR VARIABLE VOLUME  
MODEL: D30RW WITH BOTTOM MOUNT CONTROLS  
LOCATION (OPTION OB)**



**Dimensional Data**

Unit Size	Inlet Size	Airflow Range* cfm (l/s)	W	H	Inlet Size (Nominal)	Coil Connections			
						1 Row	2 Row	3 Row	4 Row
8	4	0 – 225 (0 – 106)	12 (305)	12 1/2 (318)	3 7/8 (98) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
	5	0 – 400 (0 – 189)			4 7/8 (124) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
	6	0 – 550 (0 – 260)			5 7/8 (149) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
10	7	0 – 800 (0 – 378)	14 (356)	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)			7 7/8 (200) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
12	9	0 – 1400 (0 – 661)	18 (457)	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)			9 7/8 (251) Round	1/2 (13)	7/8 (22)	7/8 (22)	7/8 (22)
14	12	0 – 2500 (0 – 1180)	24 (610)	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)
16	14	0 – 3125 (0 – 1475)	28 (711)	12 1/2 (318)	16 1/16 x 9 13/16 (408 x 249) Oval	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
24	16	0 – 3725 (0 – 1758)	38 (965)	18 (457)	19 3/16 x 9 13/16 (487 x 249) Oval	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 Diamond Flow Sensor.

**Standard Features:**

- Bottom mount controls location with vertical drive shaft (option code OB).
- 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 type-1 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.

**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:**

- Steri-liner.
- Fiber-free liner.
- Steri-liner + Perforated metal liner.
- Perforated metal liner.
- Solid metal liner.
- 1" (25) liner.
- 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.
- Special Features: \_\_\_\_\_



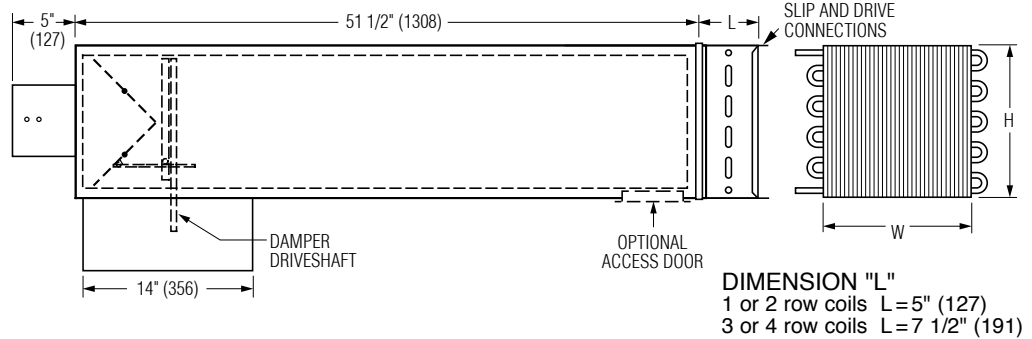
<b>SCHEDULE TYPE:</b>				
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	2 - 27 - 24	3000	3 - 15 - 18	D30RW-OC-2



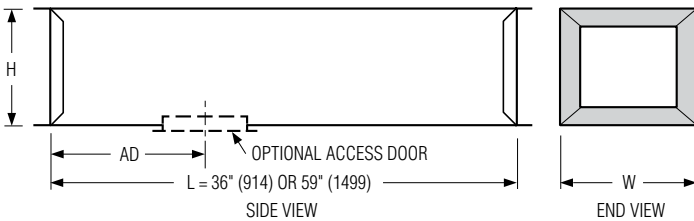
**SINGLE DUCT TERMINAL UNIT WITH HOT WATER REHEAT • ACCESSORIES**  
**OVERSIZED CASING (LARGER WATER COIL)**  
**PRESSURE INDEPENDENT • DIGITAL CONTROLS**  
**MODEL: D30RW WITH BOTTOM MOUNT CONTROLS**  
**ENCLOSURE (OPTION OB)**

**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.

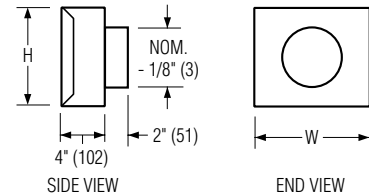


**AT Discharge Sound Attenuator (loose)**



- 22 ga. (0.86) galvanized steel construction.
  - Shipped loose for field attachment.
  - Slip and drive connection.
  - 3/4" (14) dual density fiberglass insulation, exposed edges coated to prevent erosion as standard.
- AT313 3' (916) Long - Standard.**
  - AT315 5' (1524) Long - Optional.**
  - Special Features:** \_\_\_\_\_

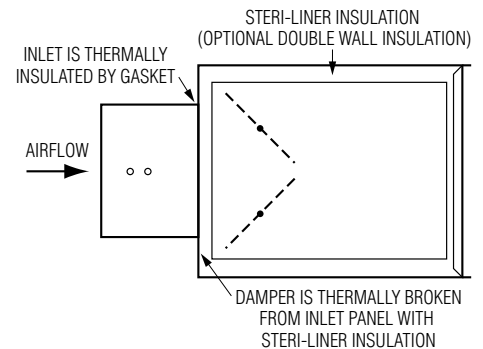
**FF Round Discharge Collar**



**Dimensional Data**

Unit Size	W	H	AD	FF Nominal Outlet Size
8	12 (305)	12 1/2 (318)	12 (305)	8 (203)
10	14 (356)	12 1/2 (318)	12 (305)	10 (254)
12	18 (457)	12 1/2 (318)	12 (305)	12 (305)
14	24 (610)	12 1/2 (318)	12 (305)	14 (356)
16	28 (711)	12 1/2 (318)	12 (305)	16 (406)
24	38 (965)	18 (457)	12 (305)	-

**FTL Low Temperature Construction**



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

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

DATE	B SERIES	SUPERSEDES	DRAWING NO.
2 - 27 - 24	3000	3 - 15 - 18	D30RW-OC-2