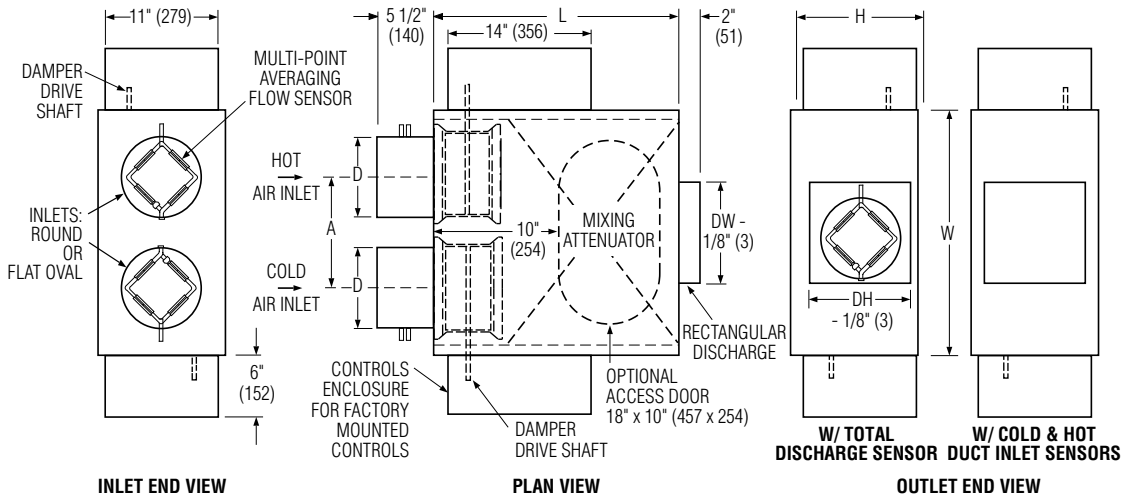




**DUAL DUCT TERMINAL UNIT  
WITH COMPACT MIXING ATTENUATOR  
DIGITAL CONTROL  
MODEL: D3230**



**Dimensional Data**

Unit Size	Airflow Range, cfm (l/s) Digital/Analog Controls	W	H	L	A	Inlet Dia. D	Outlet DW x DH
4	0 – 225/180 (0 – 106/85)	24 (610)	10 (254)	24 (610)	11 (279)	3 7/8 (98)	
5	0 – 400/325 (0 – 189/153)	24 (610)	10 (254)	24 (610)	11 (279)	4 7/8 (124)	8 x 8 (203 x 203)
6	0 – 550/450 (0 – 260/212)	24 (610)	10 (254)	24 (610)	11 (279)	5 7/8 (149)	
7	0 – 800/650 (0 – 378/307)	24 (610)	12 1/2 (318)	24 (610)	11 (279)	6 7/8 (175)	10 x 10 (254 x 254)
8	0 – 1100/900 (0 – 519/425)	24 (610)	12 1/2 (318)	24 (610)	11 (279)	7 7/8 (200)	
9	0 – 1400/1150 (0 – 661/543)	34 (864)	14 (356)	34 (864)	16 1/8 (410)	8 7/8 (225)	14 x 12 (356 x 305)
10	0 – 1840/1500 (0 – 868/708)	34 (864)	14 (356)	34 (864)	16 1/8 (410)	9 7/8 (251)	
12	0 – 2500/2050 (0 – 1180/967)	34 (864)	16 (406)	34 (864)	16 1/8 (410)	11 7/8 (302)	18 x 14 (457 x 356)
14	0 – 3370/2750 (0 – 1590/1298)	42 (1067)	18 (457)	38 (965)	20 1/8 (511)	13 7/8 (353)	22 x 16 (559 x 406)
16	0 – 4525/3700 (0 – 2135/1746)	42 (1067)	18 (457)	38 (965)	20 1/8 (511)	15 7/8 (403)	24 x 18 (610 x 457)

**Standard Features:**

- 22 ga. (0.86) zinc coated steel casing, mechanically sealed, low leakage construction.
- Low leakage opposed blade dampers with blade and jamb seals (single blade on size 4, 5, 6). 90° rotation, CW to close. Damper leakage is less than 1% of the terminal rated airflow at 6" w.g. (1.5 kPa).
- 1/2" (13) dia. plated steel drive shaft. An indicator mark on the end of the shaft shows damper position.
- Integral mixing attenuator with baffles. 1:12 minimum mixing efficiency.
- Rectangular discharge.
- Full NEMA1 type 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.
- Two multi-point averaging Diamond Flow Sensors. Aluminum construction. Supplied with balancing tees. Location must be specified based upon control sequence. Choice of location:
  - Cold and hot duct inlet.
  - Hot duct inlet and downstream total discharge.
  - Cold duct inlet and downstream total discharge.
- Choice of right or left-hand cold duct location. Unit is flippable. Hand of unit is

determined by location of cold duct looking in direction of airflow. Right-hand unit illustrated.

• Unequal inlet sizes are available. Casing is governed by the larger inlet size.

**OPTIONS:**

**Digital Controls:**

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

**Liner:**

- Steri-liner
- Fiber-free
- Perforated metal
- Solid metal
- 1" (25) fiberglass

**Other:**

- Cross flow sensors.
- Removable flow sensors.
- 24 VAC control transformer.
- 20 ga. (1.00) construction.
- Toggle disconnect switch.
- Bottom access door (Model 0800-M1).
- Controls enclosure for field mounted controls.
- Hanger brackets.
- Dust tight enclosure seal.
- Factory wrapped inlets and outlet.
- Hanger brackets.

**Seismic Certification:**

- Seismic Source International (Standard)
- HCAI (formerly OSHPD, California)
- Special Features: \_\_\_\_\_

Dimensions are in inches (mm).

<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 - 6 - 23	3200	3 - 9 - 18	D3230