

**MODEL**

- LMHDT - Dual duct terminal unit, airflow mixing

**FEATURES**

- 20 or 22 gauge casing construction
- Available in unequal inlet sizes
- Fully removable top and bottom access panels
- Multiple airflow sensor arrangements available, including discharge airflow sensing

**LINERS**

- Dual Density Fiberglass - 1/2" or 1" thick
- Cellular - Fiber free, 1/2" or 1" thick
- Foil Encapsulated Fiberglass - 1/2" or 1" thick
- Steriliner - Foil faced duct board, 13/16" thick
- Sterilwall - Solid double wall with 1/2" or 1" thick dual density fiberglass
- Perforated double wall with 1/2" or 1" thick dual density fiberglass, 1/2" or 1" foil encapsulated fiberglass, or Steriliner

**CONTROLS**

- Pneumatic Controls - Pressure independent, factory supplied, factory mounted, and factory set airflows
- Analog Controls - Pressure independent, factory supplied and mounted
- DDC Controls - Factory mounted and supplied by others, variety of wiring and mounting configurations

**COMPATIBLE OPTIONS AND ACCESSORIES**

- Hanger brackets
- Transformer - 24 VAC, 120V, 208V, 240V, or 277V
- Toggle disconnect switch

**CERTIFICATIONS**

- AHRI 880 certified sound performance data
- ETL Listed - Adherence to UL 429 for units with factory provided transformers

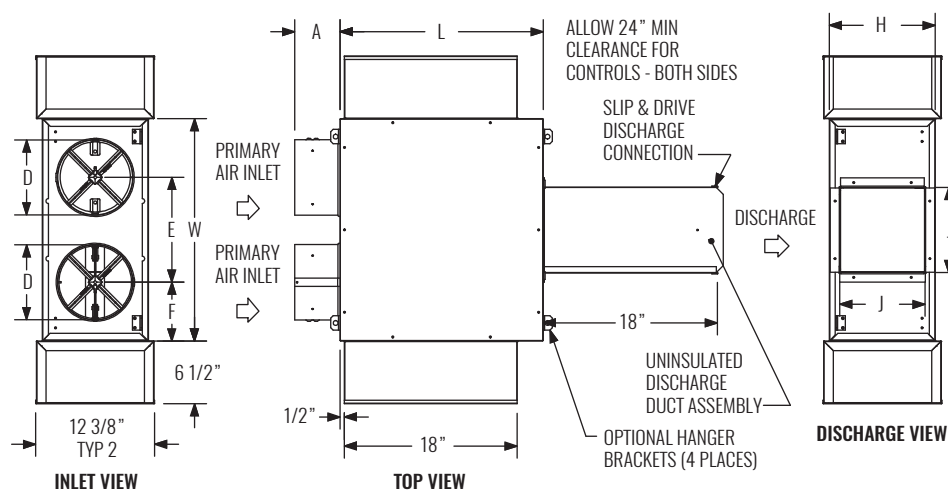


# LMHDT

Dual Duct Terminal Unit, Airflow Mixing



## DIMENSIONAL DATA



INLET SIZE OPTIONS										
UNIT	4	5	6	7	8	9	10	12	14	16
4	•									
5	•	•								
6	•	•	•							
7	•	•	•	•						
8	•	•	•	•	•					
9	•	•	•	•	•	•				
10	•	•	•	•	•	•	•			
12				•	•	•	•	•		
14				•	•	•	•	•	•	
16				•	•	•	•	•	•	•

NOTES: LMHDT with electronic control enclosure is shown with sensors in each inlet; cold inlet designates unit casing hand. Discharge duct assembly is necessary for discharge airflow sensor when selected, otherwise discharge duct assembly is optional. Slip and Drive outlet duct connection. Dot (•) in table indicates available inlet size. See table below for dimensional references.

## PERFORMANCE AND DIMENSIONAL DATA

SIZE INLET	PERFORMANCE			DIMENSIONS							
	INLET AIRFLOW RANGE (CFM PER INLET)	AIRFLOW PER INLET (CFM)	RADIATED & DISCHARGE NC	L	W	H	A	D	E	F	DISCHARGE J
4"	40 - 230	150	23 / 27	17 15/16"	19 3/16"	8 7/8"	6 7/8" <sup>1</sup>	3 7/8"	8 15/16"	5"	6 7/8"
5"	62 - 360	250	26 / 32	17 15/16"	19 3/16"	8 7/8"	6 7/8" <sup>1</sup>	4 7/8"	8 15/16"	5"	6 7/8"
6"	90 - 515	400	29 / 33	17 15/16"	19 3/16"	8 7/8"	4 7/8"	5 7/8"	8 15/16"	5"	6 7/8"
7"	121 - 700	550	34 / 31	21 3/16"	23 3/16"	10 7/8"	6 7/8" <sup>1</sup>	6 7/8"	10 15/16"	6"	8 7/8"
8"	160 - 920	700	35 / 35	21 3/16"	23 3/16"	10 7/8"	4 7/8"	7 7/8"	10 15/16"	6"	8 7/8"
9"	201 - 1160	900	27 / 21	30 5/8"	27 3/16"	13 7/8"	4 7/8"	8 7/8"	12 15/16"	7"	9 7/8"
10"	250 - 1425	1100	30 / 27	30 5/8"	27 3/16"	13 7/8"	4 7/8"	9 7/8"	12 15/16"	7"	9 7/8"
12"	360 - 2060	1600	39 / 27	33 7/8"	33 3/16"	15 7/8"	6 7/8"	11 7/8"	17"	8"	11 7/8"
14"	480 - 2800	2100	34 / 26	37 7/16"	37 3/16"	18 1/4"	6 7/8"	13 7/8"	19"	9"	13 7/8"
16"	630 - 3660	2800	34 / 33	40 15/16"	41 3/16"	18 1/4"	6 7/8"	15 7/8"	21"	10"	15 7/8"

NOTES: Information shown is abbreviated. See website for complete information. Discharge sound power is the sound emitted from the unit discharge. Radiated sound power is the sound transmitted through the casing walls. All sound data is based on tests conducted in accordance with AHRI 880-11. NC application data is based on Sound Power levels (dB, re 10<sup>-12</sup> Watts) applied to AHRI Standard 885-08 Appendix E, as a function of flow rate shown. All data points listed are application ratings outside the scope of the Certification Program.

<sup>1</sup> Dimension A for sizes 4, 5, and 7 include an inlet adapter.

TERMINAL UNITS

LMHDT