



Specification Sheet

LMIT3-C Underfloor Air Diffuser Terminal (Variable Volume)

Description

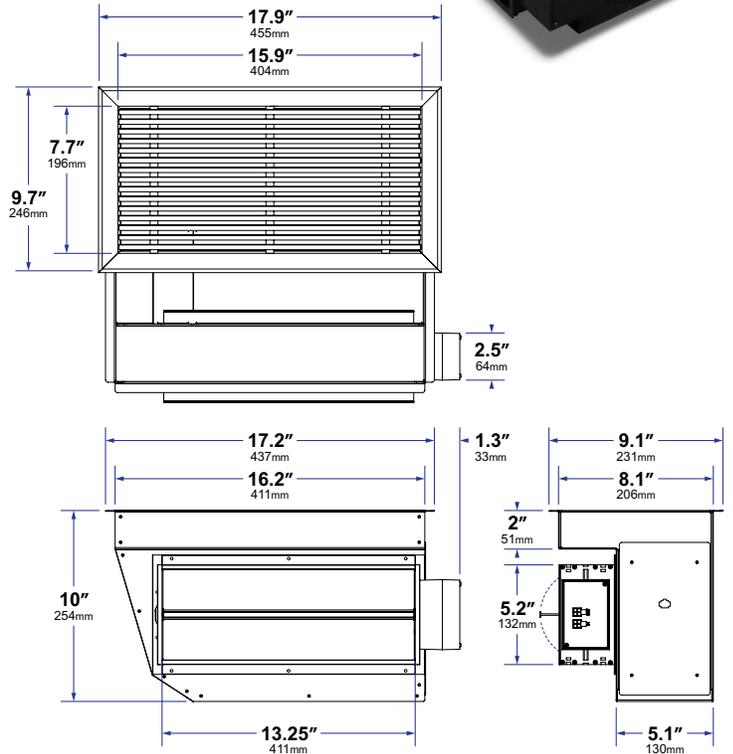
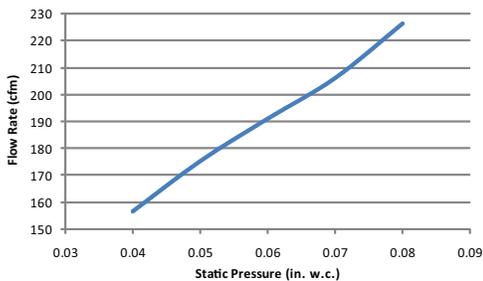
LMIT3-C (Linear Modular Integrated Terminal) is a variable volume diffuser for use in raised floor air systems. The underfloor terminal features 20 gauge (1mm) galvanized steel construction, pre-painted flat black.

The air valve uses time modulation to vary total air supplied to a conditioned space. Air velocity is constant any time the valve is open; the short time duration between open/close cycles produces the effect of continuous air delivered to the occupied space. It is rated for 24V (18-30VAC) operation; one (1) plug & play cable is included.

The nominal 16" x 8" (406mm x 203mm) extruded aluminum diffuser grille produces mixing air flow at a 15° deflection. Ten (10) standard grille colors are available; custom colors and finishes can be provided to match architectural design (specify on order).

Features

- Robust extruded aluminum linear grille
- Riveted pre-painted galvanized steel
- DC synchronized magnetic motor
- Multi-function circuit board for varying control strategies



ALL DIMENSIONS NOMINAL +/- 0.1" (2.5mm)

Specifications

Application:	Underfloor Cooling Raised Access Floors 10" (254mm) +
Grille Dimensions: LxW (Nominal)	Diffuser Opening: 15.9" x 7.7" (404mm x 196mm) Full Face: 17.9" x 9.7" (455mm x 246mm) Installation Cut-Out: 16.5" x 8.3125" [+1.25/-0.00] (419mm x 211mm [+3.175/-0.00])
Grille Rating:	Extruded Aluminum Conforms to NFPA 90a 1250 lbs. (567 Kg) Load Strength
Supply Press. / Temp.:	0.02–0.1 in. w.c. (5–25 Pa) 40–120°F (4–49°C)
Capacity (Nominal):	175 cfm @ 0.05 in. w.c. (298 m ³ /hr @ 12.5 Pa)
Noise Criterion:	≤ NC-17 (All Flow Conditions)