

Underfloor Air Terminal (Variable Volume)

MODEL: LMIT3 - CL

DESCRIPTION:

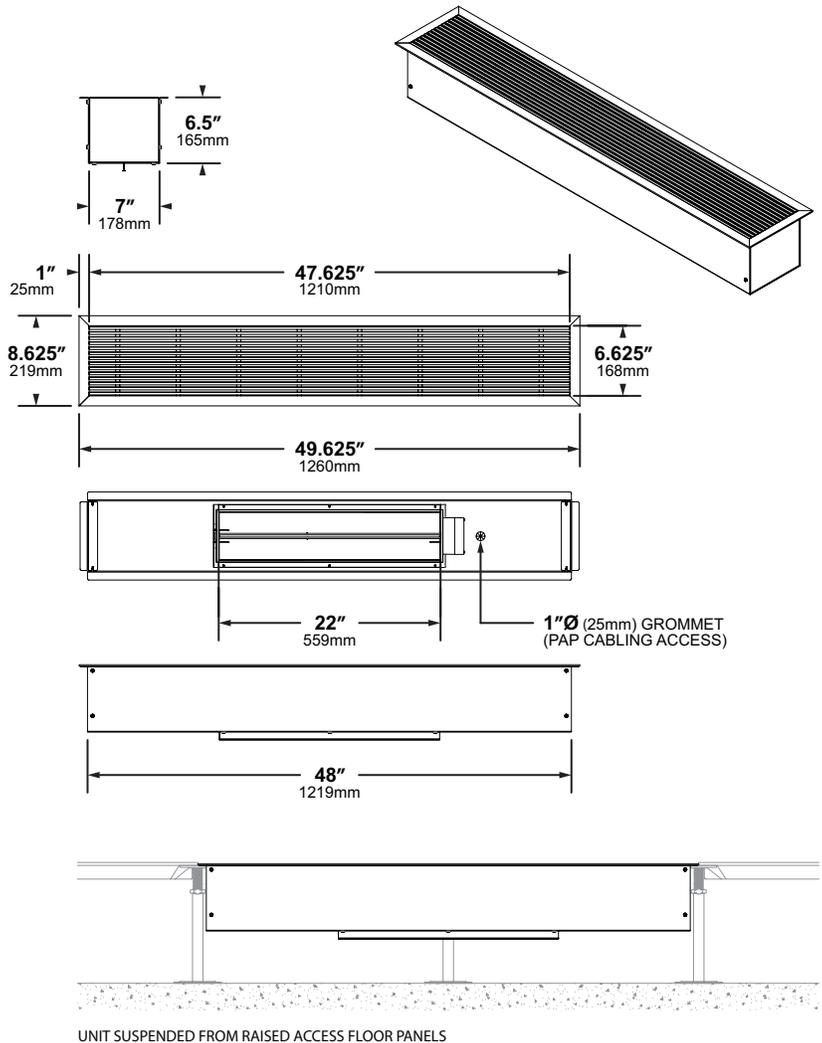
LMIT3-CL (Linear Modular Integrated Terminal) is a variable volume diffuser for use in raised floor air systems. The underfloor terminal features 24 gauge (0.7mm) galvanized steel construction, pre-painted flat black.

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) PAP-1 Plug & Play Cable is included.

The nominal 48" x 7" (1219mm x 178mm) extruded aluminum grille includes a 1" (25mm) flange on all sides, and 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:

- Drop-in installation from above the raised access floor
- Riveted pre-painted galvanized steel
- Robust extruded aluminum linear grille
- 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 8" (203mm) +
Dimensions:	48" x 7" x 6.5" (1219mm x 178mm x 165mm)
LxWxH (Nominal)	Floor Tile Cut-Out: 48.25" x 7.25" [+1.125/-0.00] (1226mm x 184mm [+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) 40–110°F (4–43°C)
Capacity (Nominal Max):	340 cfm @ 0.05 in. w.c. (578 m ³ /hr @ 12.5 Pa)
Noise Criterion:	≤ NC-17 (All Flow Conditions)