



## Specification Sheet

# LMIT3-H Underfloor Air Diffuser Terminal (Constant Volume Adjustable)

### Description

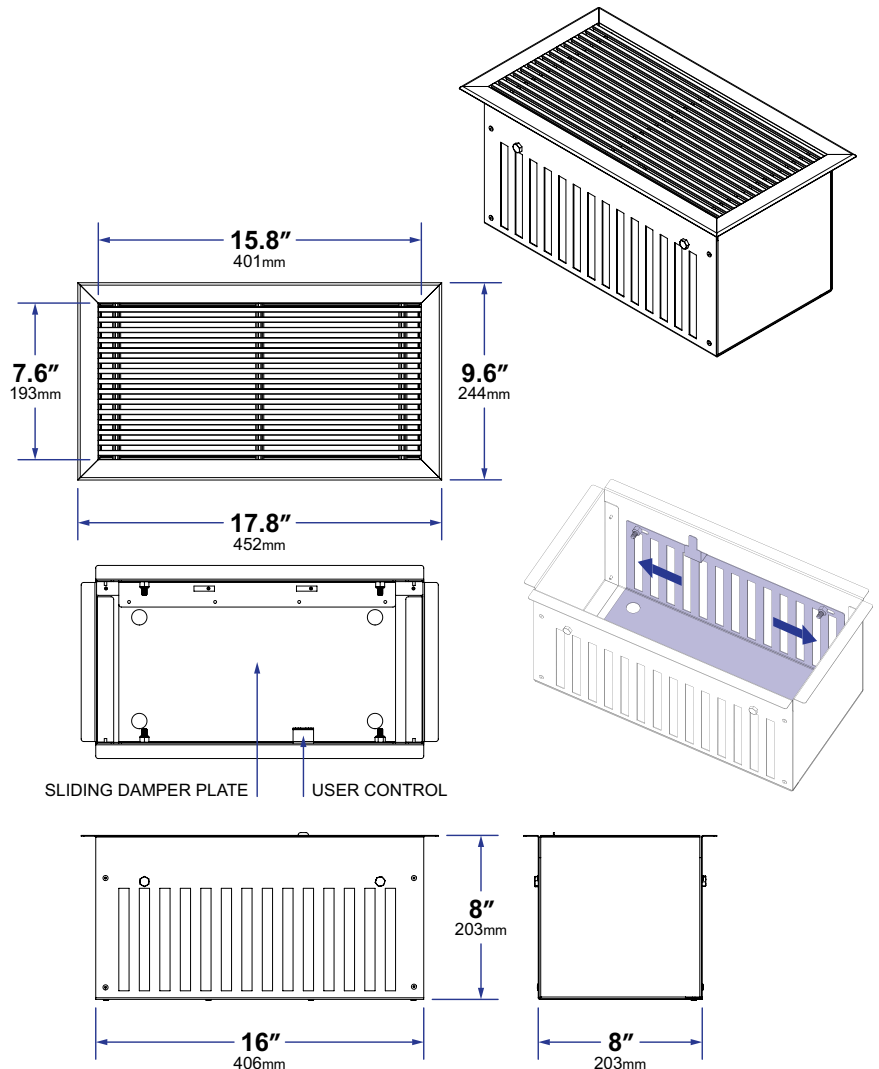
**LMIT3-H (Linear Modular Integrated Terminal)** is a manually adjustable constant volume diffuser for use in raised floor air systems. The underfloor terminal features 20 gauge (1mm) galvanized steel construction, pre-painted flat black. Openings on both front and back sides permit air flow from the underfloor plenum.

An integral sliding damper plate regulates air flow through the terminal. The plate is manually adjustable via a user control tab, accessible by occupants directly through the diffuser grille.

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

- Drop-in design installs in seconds
- Sliding damper for manual air flow adjustment (accessible through grille)
- Robust extruded aluminum linear grille
- Riveted pre-painted galvanized steel



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

### Specifications

<b>Application:</b>	Underfloor Cooling   Raised Access Floors 10" (254mm) +
<b>Terminal Dimension:</b> LxWxH (Nominal)	16" x 8" x 8" (406mm x 203mm x 203mm) Installation Cut-Out: 16.25" x 8.25" [+/-0.125/-0.00] (413mm x 210mm [+3.175/-0.00])
<b>Grille Dimension:</b> LxW (Nominal)	Diffuser Opening: 15.8" x 7.6" (401mm x 193mm) Full Face: 17.8" x 9.6" (452mm x 244mm)
<b>Grille Rating:</b>	Extruded Aluminum   Conforms to NFPA 90a   1250 lbs. (567 Kg) Load Strength
<b>Supply Press. / Temp.:</b>	0.02–0.1 in. w.c. (5–25 Pa)   40–120°F (4–49°C)
<b>Capacity (Nominal Max):</b>	Sliding Damper Plate Fully Open   175 cfm @ 0.05 in. w.c. (298 m <sup>3</sup> /hr @ 12.5 Pa)
<b>Noise Criterion:</b>	≤ NC-17 (All Flow Conditions)