



## Specification Sheet

# MIT3-CR Underfloor Air Diffuser Terminal (Variable Volume)

### Description

**MIT3-CR (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.

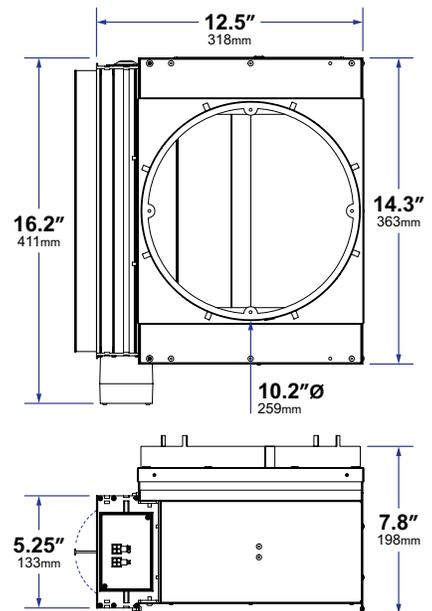
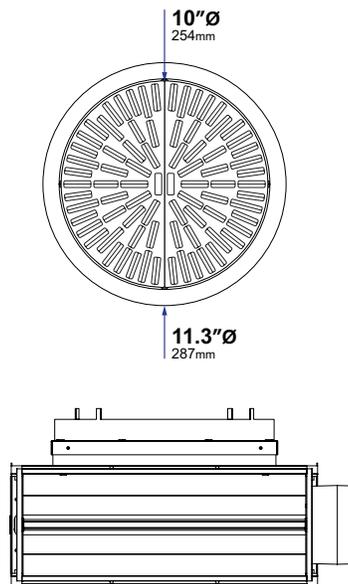
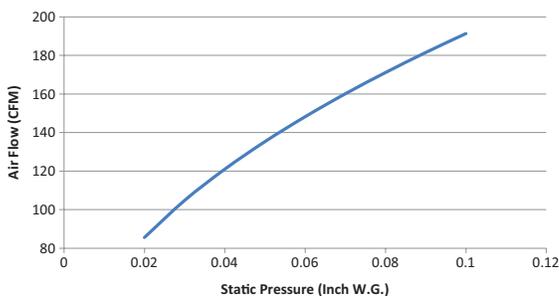
The air valve uses time modulation to vary total air supplied to a conditioned space. Air velocity is constant any time the valve is open; the short time duration between open/close cycles produces the effect of continuous air delivered to the occupied space. It is rated for 24V (18-30VAC) operation;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

The nominal 10" (254mm) diameter cast aluminum diffuser grille includes two separate inserts, which can be configured to create alternate air throw patterns. Ten (10) standard colors are available; custom colors and finishes can be provided to match architectural design (specify on order).



### Features

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



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

### Specifications

<b>Application:</b>	Underfloor Cooling   Raised Access Floors 8" (203mm) +
<b>Grille Dimensions:</b> LxW (Nominal)	Diffuser Opening: 10"Ø (254mm)   Full Face: 11.3"Ø (287mm) Installation Cut-Out: 10.25"Ø [+1.25/-0.00] (260mm [+3.175/-0.00])
<b>Grille Rating:</b>	Cast 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):</b>	130 cfm @ 0.05 in. w.c. (221 m <sup>3</sup> /hr @ 12.5 Pa)
<b>Noise Criterion:</b>	≤ NC-17 (All Flow Conditions)