



Specification Sheet

MIT3-GR Underfloor Air Diffuser Terminal (Variable Volume)

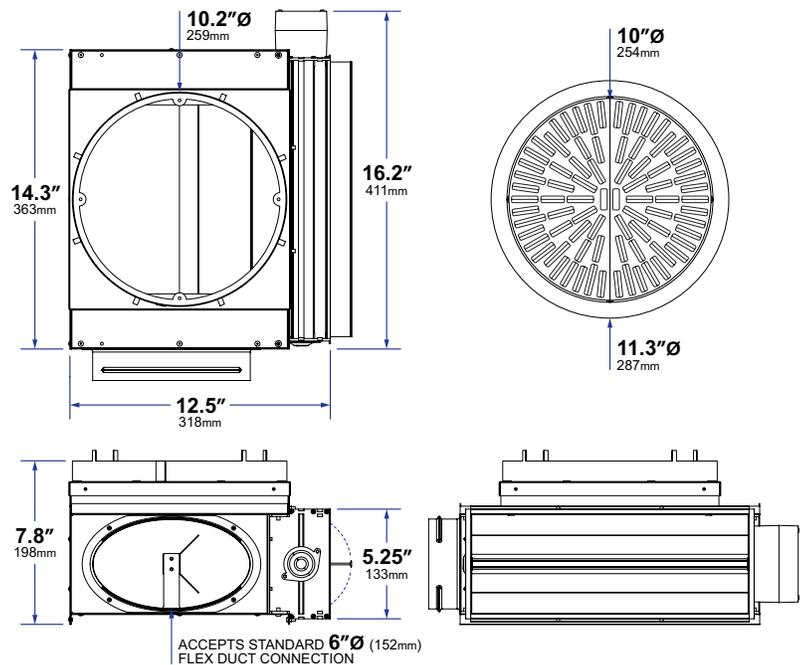
Description

MIT3-GR (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.

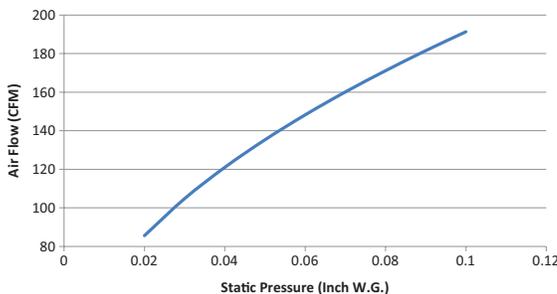
The air valve uses time modulation to vary total air supplied to a conditioned space. Air velocity is constant any time the valve is open; the short time duration between open/close cycles produces the effect of continuous air delivered to the occupied space. It is rated for 24V (18-30VAC) operation;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

The ellipsoid collar accepts a standard 6"Ø (152mm) flex duct connection. Heating air flow capacity is derived from the source; output is dependent on ducting arrangement and fan capability.

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).



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



Specifications

Application:	Underfloor Heating / Cooling Raised Access Floors 8" (203mm) +
Grille Dimensions:	Diffuser Opening: 10"Ø (254mm) Full Face: 11.3"Ø (287mm)
LxW (Nominal)	Installation Cut-Out: 10.25"Ø [+1.25/-0.00] (260mm [+3.175/-0.00])
Grille Rating:	Cast 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:	130 cfm @ 0.05 in. w.c. (221 m ³ /hr @ 12.5 Pa)
(Nominal)	Heat Dependant on Duct Supply Conditions Flex Duct Connection: 6"Ø (152mm)
Noise Criterion:	≤ NC-17 (All Flow Conditions)