

UNDERFLOOR AIR DISTRIBUTION — LINEAR TERMINAL

Continuous Linear Modular Integrated Terminal | Constant & Variable Volume

PRODUCT DESCRIPTION

The Continuous Linear Modular Integrated Terminal is a linear diffuser terminal available in constant and variable volume air flow configurations. The underfloor terminal features 20 gauge (1 mm) galvanised steel construction, pre-painted flat black. Optional air valves use 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 delivery. Valves are rated for 24 V (18–30 VAC) operation; one (1) PAP-1 Plug & Play Cable is included per air valve. The linear grille is available in extruded aluminium or stainless steel, in a variety of sizes and configurations. Ten (10) standard colours are available; custom colours and finishes can be provided (specify on order).



DIMENSIONAL OPTIONS

LENGTH OPTIONS	WIDTH OPTIONS	HEIGHT OPTIONS
24" / 610 mm 36" / 914 mm 48" / 1 219 mm 60" / 1 524 mm 72" / 1 829 mm 84" / 2 134 mm 96" / 2 438 mm 108" / 2 743 mm 120" / 3 048 mm	6" / 152 mm 8" / 203 mm 10" / 254 mm 12" / 305 mm	6" / 152 mm 8" / 203 mm 10" / 254 mm 12" / 305 mm

All dimensions nominal ± 0.1" (2.5 mm)

FEATURES

- 20 gauge (1 mm) galvanised steel terminal housing, pre-painted flat black
- Optional terminal dimensions available (specify on order)
- Extruded aluminium or stainless steel grille — 304 / 316 Series — ten (10) standard colours
- Optional 3/4" (19 mm) support flanges
- Optional support pedestals / brackets (brackets factory-mounted; pedestals furnished loose)
- DC synchronised magnetic motor air valves with factory-programmed multi-function circuit board
- Modular Plug & Play power and control connections
- Optional duct connections (size, shape, quantity to suit project requirements)

TECHNICAL SPECIFICATIONS

Application	Underfloor Heating / Cooling Raised Access Floor Systems
Terminal Construction	Galvanised Steel 20 Gauge (1 mm) Pre-Painted Black
Grille Configuration	Extruded Aluminium 304 / 316 Series Stainless Steel (specify on order)
Standard Capacity (13" / 330 mm valve)	150 cfm @ 0.05 in. w.c. (255 m³/hr @ 12.5 Pa)
High Capacity (22" / 559 mm valve)	300 cfm @ 0.05 in. w.c. (510 m³/hr @ 12.5 Pa)

Optional Air Flow <i>Standard Valve</i>	2 valves = 300 cfm min. trough 4' (1.2 m) 3 valves = 450 cfm min. trough 6' (1.8 m) 4 valves = 600 cfm min. trough 7' (2.1 m) 5 valves = 750 cfm min. trough 8' (2.4 m)
Optional Air Flow <i>High-Capacity Valve</i>	2 valves = 600 cfm min. trough 6' (1.8 m) 3 valves = 900 cfm min. trough 8' (2.4 m) 4 valves = 1 200 cfm min. trough 10' (3.0 m)
Valve Rating	24 V (18–30 VAC) PAP-1 Plug & Play Cable included per valve

EXAMPLE CONFIGURATIONS

CONFIGURATION	AIR SOURCE	COMPONENTS
Plenum Air Only	Plenum (passive)	Plenum openings
Heating Only	Supply air (heating)	Duct connections
Cooling Only	Supply air (cooling)	VAV air valves
Heating & Cooling	Supply air (both)	Duct connections + air valves