

# Underfloor Air Distribution Linear Terminal

MODEL: **CLMIT**

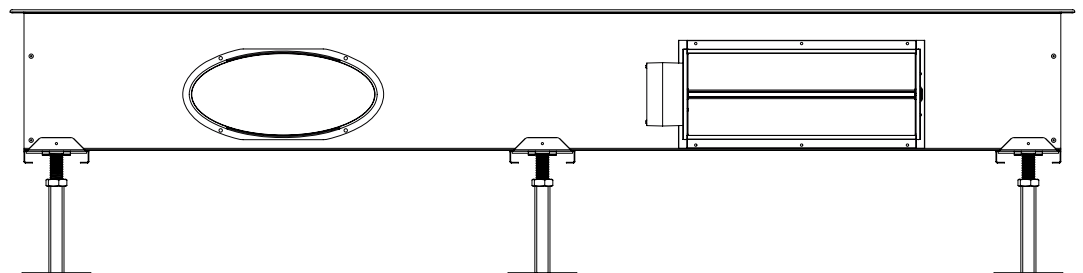
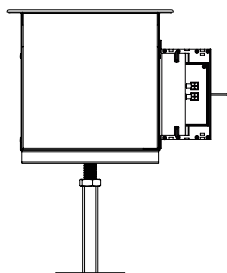
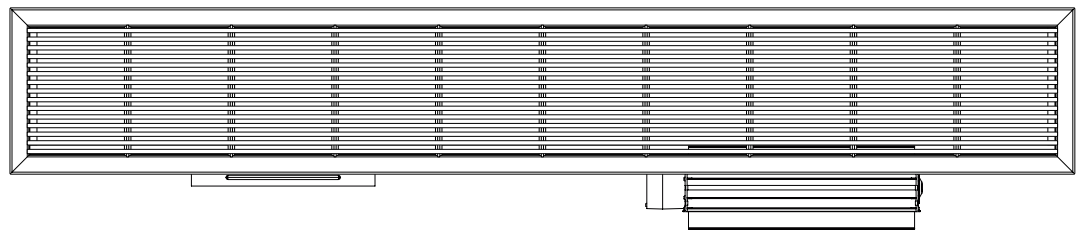
## DESCRIPTION:

**CLMIT (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 (1mm) galvanized 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 delivered to the occupied space. They are rated for 24V (18-30VAC) operation; one (1) PAP-1 Plug & Play Cable is included per air valve. Optional extended high performance air valves are available (specify on order).

Optional duct connections are available in multiple sizes and configurations. Ducted air flow capacity is derived from the source; output is dependent on ducting arrangement and fan capability.

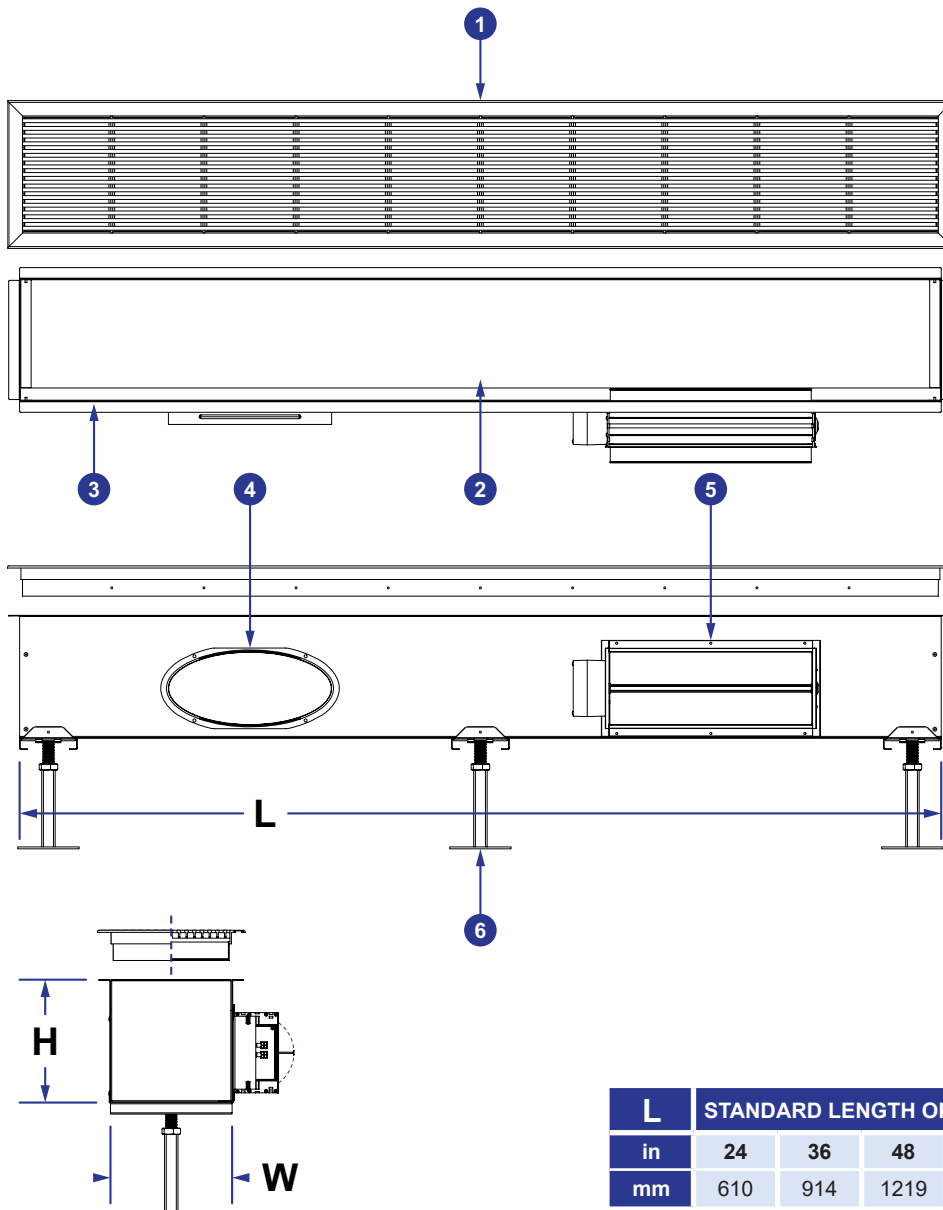
The linear grille is available as extruded aluminum or stainless steel, in a variety of sizes and configurations. Ten (10) standard colors are available; custom colors and finishes can be provided to match architectural design (specify on order).



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**UNIT DETAIL:**



1. Linear grille  
(optional extruded aluminum or stainless steel; specify on order)
2. 20 gauge (1mm) galvanized steel casing, pre-painted black
3. 3/4" (19mm) support flanges  
(optional; specify on order)
4. Duct connections  
(optional; specify on order)
5. VAV air valves  
(optional; specify on order)
6. Support pedestals / brackets on nominal 36" (914mm) centers  
(optional; specify on order)

L	STANDARD LENGTH OPTIONS									
in	24	36	48	60	72	84	96	108	120	
mm	610	914	1219	1524	1829	2134	2438	2743	3048	

W	STANDARD WIDTH OPTIONS				H	STANDARD HEIGHT OPTIONS			
in	6	8	10	12	in	6	8	10	12
mm	152	203	254	305	mm	152	203	254	305

ALL DIMENSIONS NOMINAL ± 0.1" (2.5mm)



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## FEATURES:

- 20 Gauge (1mm) galvanized steel terminal housing, pre-painted flat black
- Optional terminal dimensions available (specify on order)
- Multiple grille configurations available
  - Extruded aluminum / stainless steel (304 / 316 Series)
  - Ten (10) standard colors; additional colors and finishes available at architect's choice (specify on order)
- Optional 3/4" (19mm) support flanges
- Optional support pedestals / brackets (brackets factory mounted; pedestals furnished loose for field installation)
- Optional air valves (maximum size / number of air valves based on unit length)
  - DC synchronized magnetic motor
  - Factory programmed multi-function circuit board for varying control strategies
  - Modular Plug & Play power and control connections
- Optional duct connections (size, shape, quantity)

## SPECIFICATIONS:

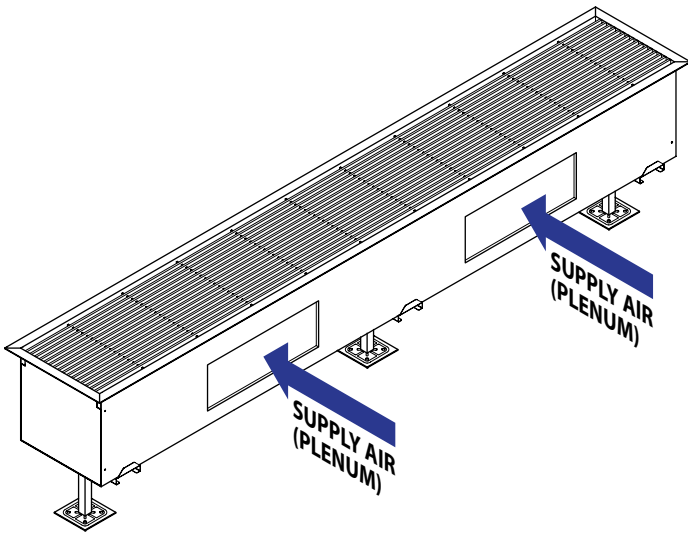
<b>Application:</b>	Underfloor Heating / Cooling   Raised Access Floor Systems
<b>Terminal Dimensions:</b>	Specify on Order
<b>Terminal Construction:</b>	Galvanized Steel   20 Gauge (1mm)   Pre-Painted Black
<b>Grille Configuration:</b>	Extruded Aluminum   304 / 316 Series Stainless Steel (Specify On Order)
<b>Standard Capacity:</b>	13" (330mm) Standard air Valve   150 cfm @ 0.05 in. w.c. (255 m <sup>3</sup> /hr @ 12.5 Pa)
<b>Air Flow (Nominal)</b>	OPTIONAL: 2 Air Valves = 300 cfm (510 m <sup>3</sup> /hr)   Minimum Trough Size: 4' (1.2m) 3 Air Valves = 450 cfm (765 m <sup>3</sup> /hr)   Minimum Trough Size: 6' (1.8m) 4 Air Valves = 600 cfm (1020 m <sup>3</sup> /hr)   Minimum Trough Size: 7' (2.1m) 5 Air Valves = 750 cfm (1275 m <sup>3</sup> /hr)   Minimum Trough Size: 8' (2.4m)
<b>High Capacity:</b>	22" (559mm) Extended Air Valve   300 cfm @ 0.05 in. w.c. (510 m <sup>3</sup> /hr @ 12.5 Pa)
<b>Air Flow (Nominal)</b>	OPTIONAL: 2 Air Valves = 600 cfm (1020 m <sup>3</sup> /hr)   Minimum Trough Size: 6' (1.8m) 3 Air Valves = 900 cfm (1530 m <sup>3</sup> /hr)   Minimum Trough Size: 8' (2.4m) 4 Air Valves = 1200 cfm (2040 m <sup>3</sup> /hr)   Minimum Trough Size: 10' (3.0m)

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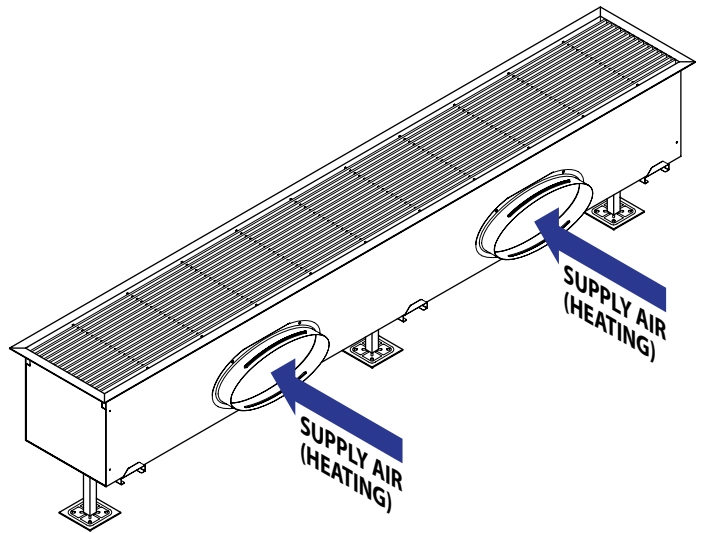
MODEL: **CLMIT**

**EXAMPLE CONFIGURATIONS:**

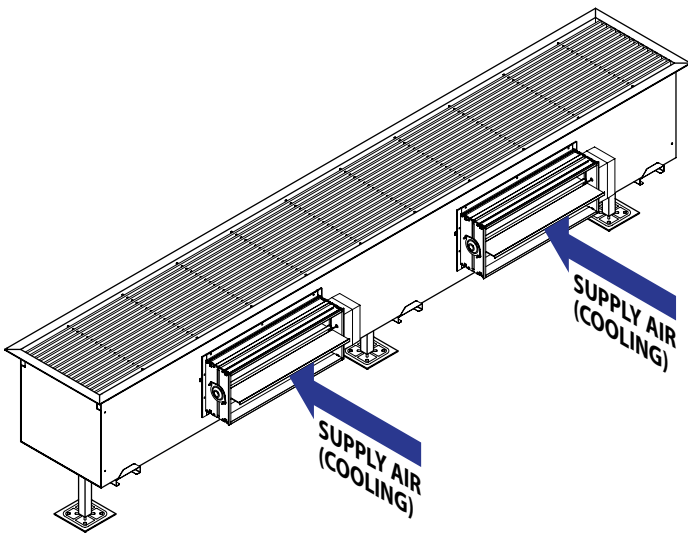
**Plenum Air Only**  
Plenum Openings



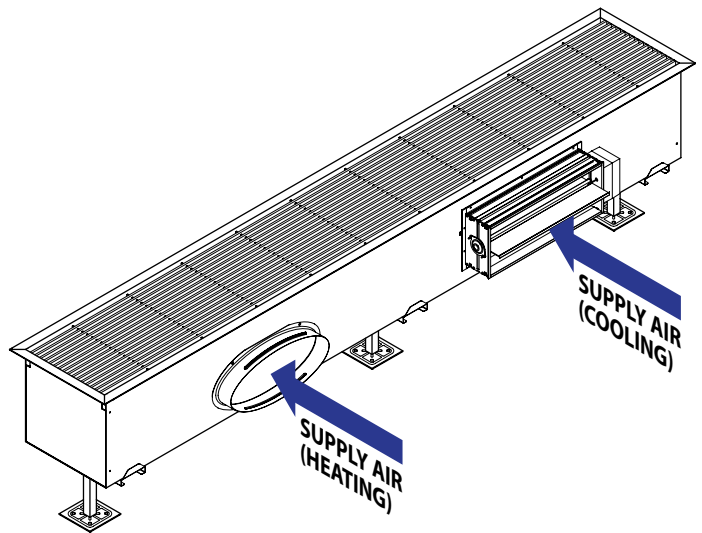
**Heating Only**  
Duct Connections



**Cooling Only**  
Air Valves



**Heating & Cooling**  
Duct Connections + Air Valves





# Underfloor Air Distribution Linear Terminal

MODEL: **CLMIT**

**CLO - 06 - 024 - 06 - 00 - 1 V S**

**PRODUCT DESCRIPTION**  
**C**ontinuous  
**L**inear Cooling  
**O**nly

**TERMINAL WIDTH**  
**06** = 6" (152mm)  
**08** = 8" (203mm)  
**10** = 10" (254mm)  
**12** = 12" (305mm)

**TERMINAL LENGTH**  
**024** = 24" (610mm)  
**036** = 36" (914mm)  
**048** = 48" (1219mm)  
**060** = 60" (1524mm)  
**072** = 72" (1829mm)  
**084** = 84" (2134mm)  
**096** = 96" (2438mm)  
**108** = 108" (2743mm)  
**120** = 120" (3048mm)

**TERMINAL HEIGHT**  
**06** = 6" (152mm)  
**08** = 8" (203mm)  
**10** = 10" (254mm)  
**12** = 12" (305mm)

**TERMINAL FLANGE CONFIGURATION**  
**00** = Fully Flangeless  
**20** = Two (2) Flanges (Sides Only)  
**3L** = Three (3) Flanges (Sides + Left End)  
**3R** = Three (3) Flanges (Sides + Right End)  
**40** = Four (4) Flanges (All Sides + Ends)

**OPENING DIMENSION**  
*Air Valve (Length)*  
**S** = Standard Capacity (13")  
**L** = High Capacity (22")  
*Duct Connection (Ellipsoid / Round Diameter) (Rectangle Height)*  
**A** = 4"  
**B** = 5"  
**C** = 6"  
**D** = 7"  
**E** = 8"  
**F** = 9"  
**G** = 10"  
**H** = 11"  
**I** = 12"

**OPENING DESCRIPTION**  
**V** = VAV Air Valve  
*Duct Connection*  
**L** = Ellipsoid  
**R** = Round  
*Duct Connection (Rectangle Width)*  
**A** = 4"  
**B** = 5"  
**C** = 6"  
**D** = 7"  
**E** = 8"  
**F** = 9"  
**G** = 10"  
**H** = 11"  
**I** = 12"

**AIR FLOW OPENINGS**  
**1** = One (1) Opening  
**2** = Two (2) Openings  
**3** = Three (3) Openings  
**4** = Four (4) Openings  
**5** = Five (5) Openings