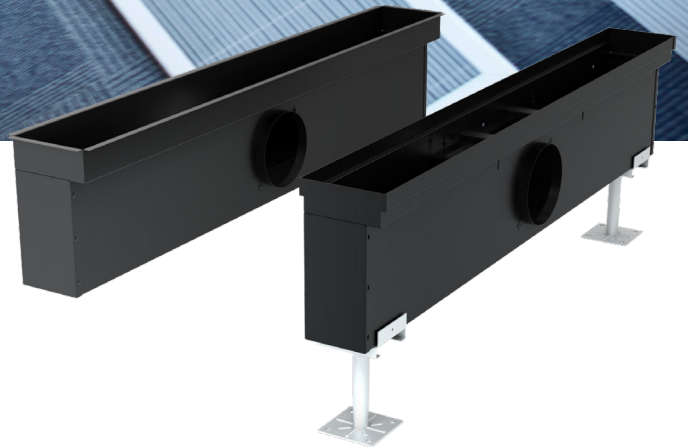


LFP

LINEAR FLOOR PLENUM



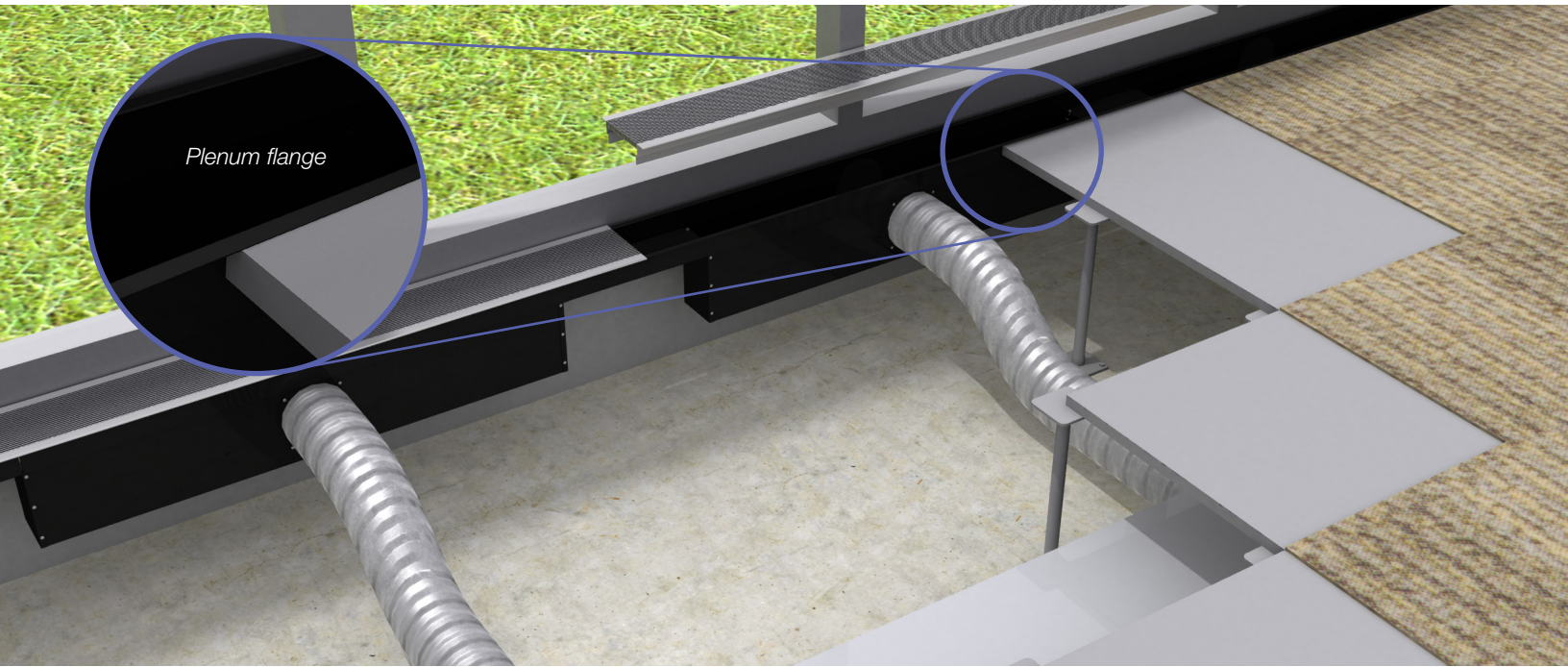
Photo: Shireen Nadir, AKA Communication Associates



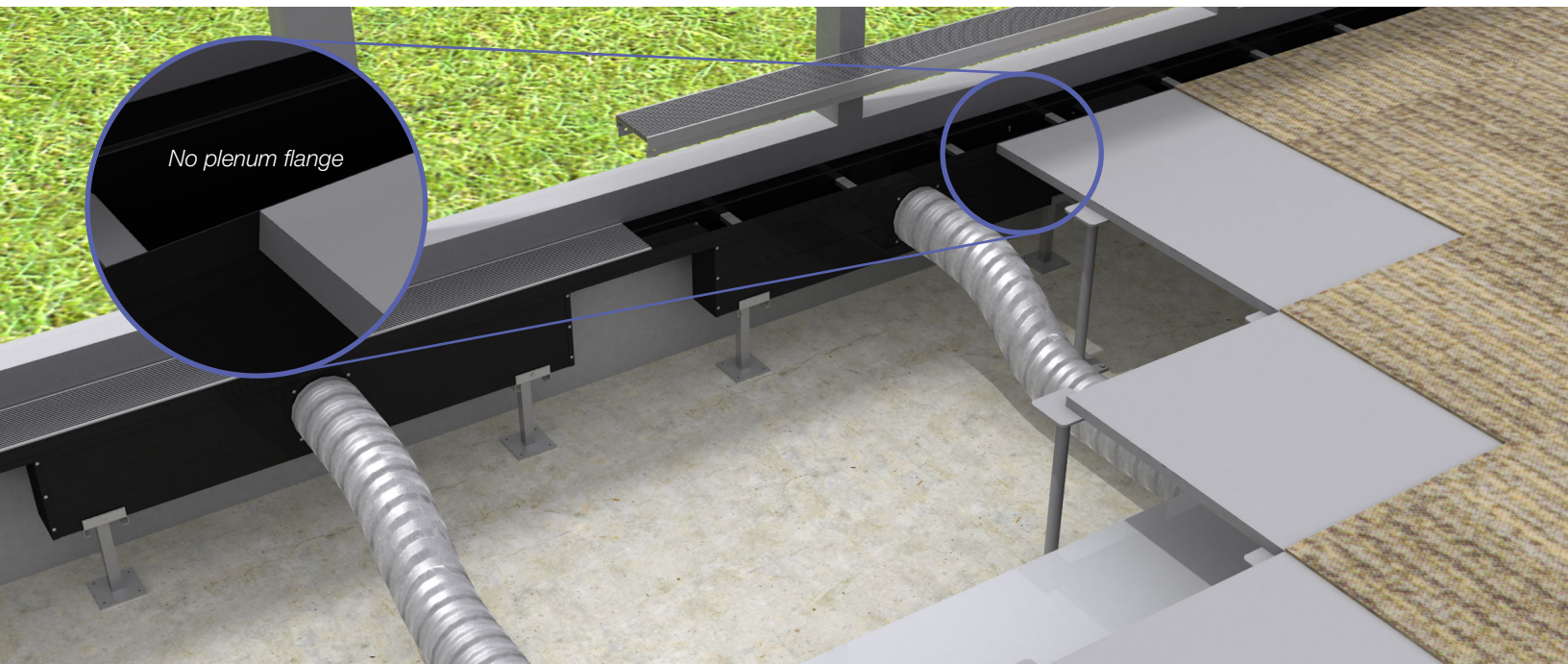
LFP

Linear Floor Plenum

The Linear Floor Plenum (LFP) is designed for a raised floor system requiring perimeter conditioning—cooling, heating or both. The LFP is suitable for light foot traffic when used in conjunction with the the Linear Floor Grille (LFG) with heavy-duty construction. The LFP is the most basic plenum option for the linear floor grilles, and features a side duct collar that can be used either for constant volume cooling applications or ducted to an underfloor fan box. In doing so, the fan box can provide either constant volume or variable volume cooling and heating to a cluster of floor grilles.



LFP with floor tile supported assembly



LFP with pedestal supported assembly

DESIGNED TO MAXIMIZE MODULARITY

- + The LFP is an integral part of the ModuFlex System. See Perimeter Zone applications with Underfloor Fan Terminals in the ModuFlex overview at the beginning of the Underfloor section for example applications and control solutions.
- + The drop-in installation allows for increased flexibility, everything can be done from the room side and takes only seconds to install or rearrange.
- + Removable end-caps are supplied with each unit allowing either discrete or continuous grille appearances.

VARIOUS STYLES

- + Floor supported plenum, to be used with 1000 series LFG.
- + Pedestal supported plenum, to be used with 125/187 series LFG for a flangeless appearance.
- + Plenum's available in various lengths and widths.
- + Various inlet sizes available.

TYPICAL APPLICATIONS

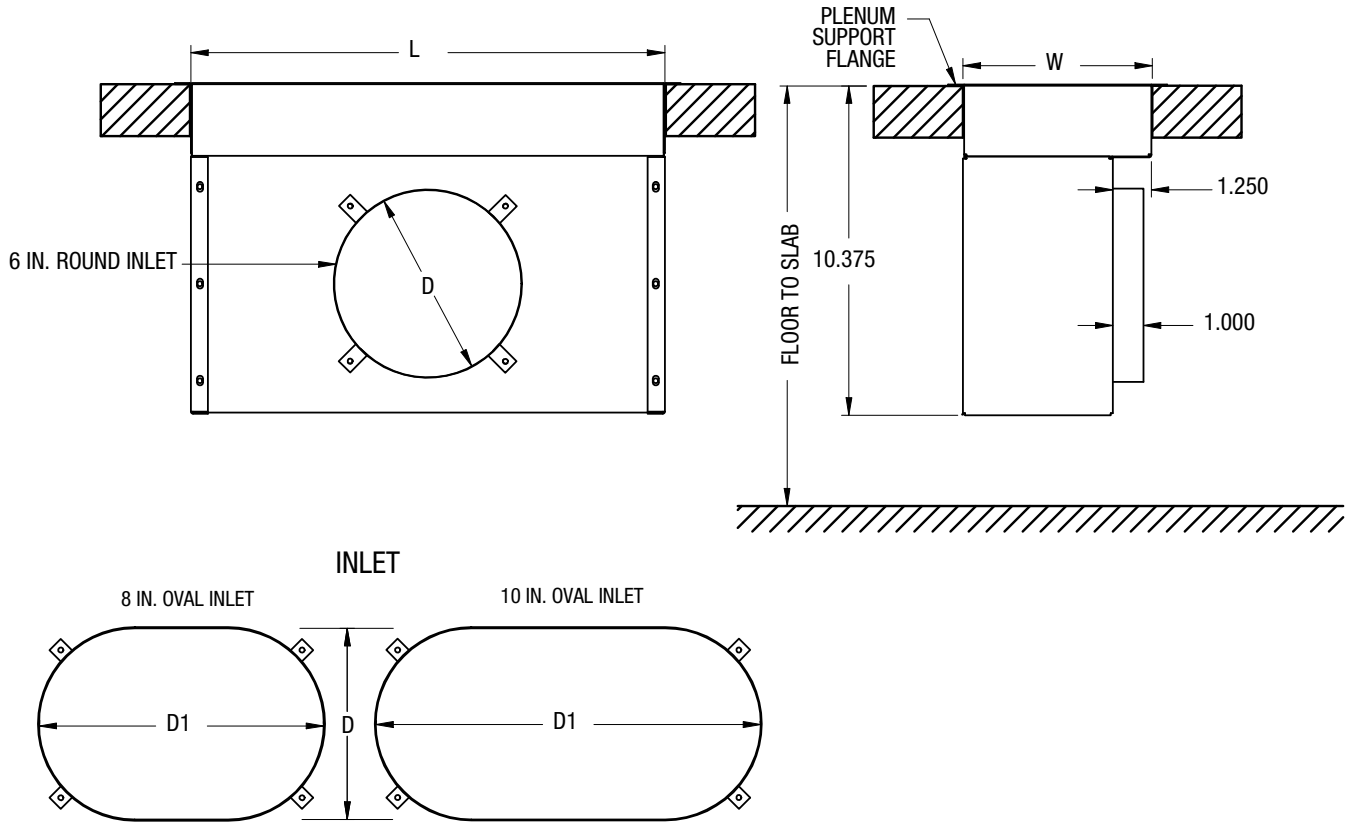
The LFP is used alongside an underfloor fan terminal to provide conditioned air to perimeter zones via a ducted inlet. The LFP can be configured for both continuous and discrete applications using removable end-caps. These plenum's are perfect for applications with high perimeter loads in either heating or cooling. These can include long runs of glass in offices, lobbies, schools and universities with raised floor systems.

OPTIONS

- + Floor supported and pedestal supported plenum styles available
- + Plenum lengths from 12 in. to 48 in.
- + Plenum widths from 6 in. to 10 in.
- + Inlet sizes: 6 in. round, 8 in. oval, 10 in. oval
- + Acoustic lining

DIMENSIONAL DATA

LFP with Floor Tile Supported Assembly



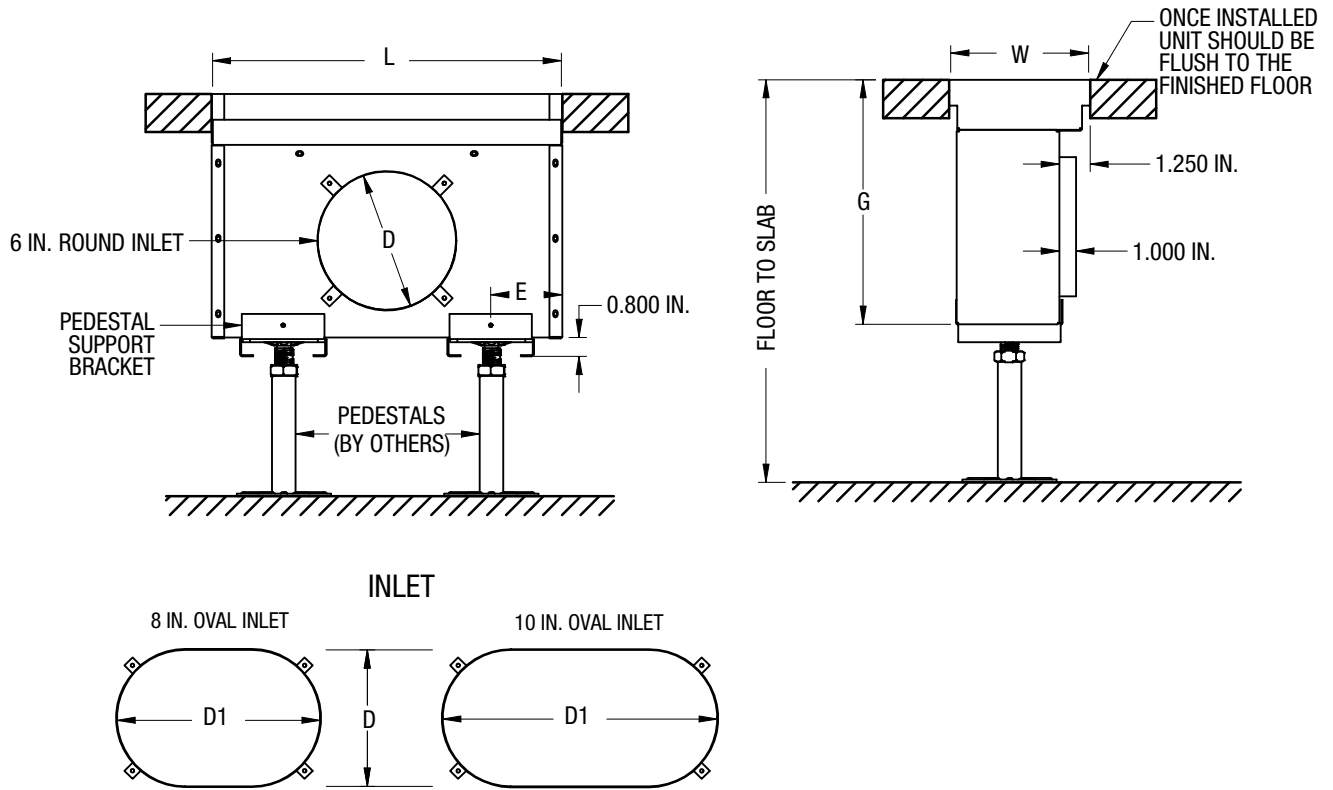
	L	W
Min	12	6
Max	48	10

	Inlet	
Size	D	D1
6 in. round	5.875	N/A
8 in. oval	6	8.937
10 in. oval	6	12.078

All dimensions are in inches.

DIMENSIONAL DATA

LFP with Pedestal Supported Assembly



	L	W
Min	12	6
Max	48	10

Assembly Height with LFG Installed	
Core Style	G
Pressed Core	10.55
Mandrel Core	10.375

Inlet		
Size	D	D1
6 in. round	5.875	N/A
8 in. oval	6	8.937
10 in. oval	6	12.078

All dimensions are in inches.



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