

1-Way In-Wall Displacement Diffusers Puraflo Series

Product Information



PRICE Puraflo displacement diffusers are in-wall diffusers designed specifically for use in healthcare facilities. The diffuser discharges cool supply air evenly across the perforated face at low velocity, with minimal turbulence or induction of room air. The air flows down to the floor level and travels across the floor where it is carried up by thermal plumes, delivering air directly to the breathing zone.

The Puraflo displacement diffuser is designed to be integrated in the wall or case-work, increasing floor area in the occupied zone and seamlessly meshing into the space for architectural appeal.

To facilitate cleaning, the Puraflo is designed with a standard removable face. Optional features include tamper-proof fasteners and a stainless steel face. The superior air quality, thermal comfort and low noise levels of the Puraflo make it an excellent choice for patient rooms, hallways, waiting rooms, exam rooms, nursing stations, and any healthcare application where air quality demands are high.

Features

- Standard removable face
- Flush, in-wall integration

Construction -Standard

- Equalization baffle – aluminum
- Perforated front panel and diffuser frame – coated steel
- Plenum – coated steel
- Truss head/machine screws – stainless steel

Finish

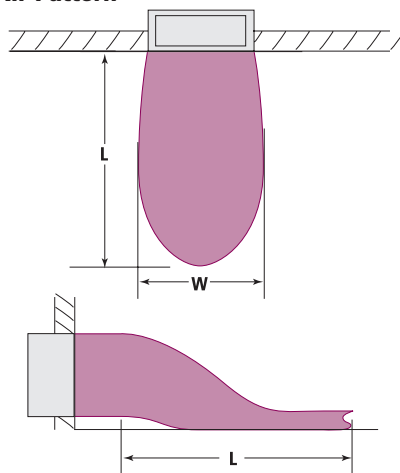
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For optional and special finishes see color matrix.

Options

- Diffuser face and frame – 304 stainless steel
- Tamper proof fasteners

Air Pattern



Dimensional Data - Imperial (inches)/Metric (mm)

W x H	Duct	Nom. Studs OC
15 x 24 (381x610)	2.5x12 (64x305)	16.000
15 x 30 (381x762)	2.5x12 (64x305)	16.000
15 x 36 (610x914)	2.5x12 (64x305)	16.000
15 x 48 (381x1216)	2.5x12 (64x305)	16.000
23 x 24 (584x610)	2.5x18 (64x457)	24.000
23 x 30 (584 x 762)	2.5x18 (64x457)	24.000
23 x 36 (584 x 914)	2.5x18 (64x457)	24.000
23 x 48 (584 x 1216)	2.5x18 (64x457)	24.000
30 x 24 (762x610)	2.5x18 (64x457)	31.000
36 x 24 (914x610)	2.5x18 (64x457)	37.000
48 x 24 (1219x610)	2.5x18 (64x457)	49.000

✓ Product Selection Checklist

- 1) Select diffuser size based on desired performance characteristics.
- 2) Select inlet location and size.
- 3) Select options and accessories if required
- 4) Select finish.

Example: Puraflo/24 x 24/18 x 2.5

Product Information Index

Performance Data J63
Suggested Specification J109