

MODEL

- AFL - Flat-faced, ceiling mounted, low velocity displacement diffuser

FEATURES

- Square or rectangular sizes available
- For lay-in T-bar ceilings
- Supplies air at low velocities
- Galvanized steel and aluminum extrusion construction
- Standard hanger tabs located on each corner of plenum
- Round duct connection at top of unit

INLET SIZES

- Round: 6" - 20" (2" increments)¹

FRAME STYLES

- F22 - Surface mount
- F23 - Lay-in T-bar

PANEL SIZES

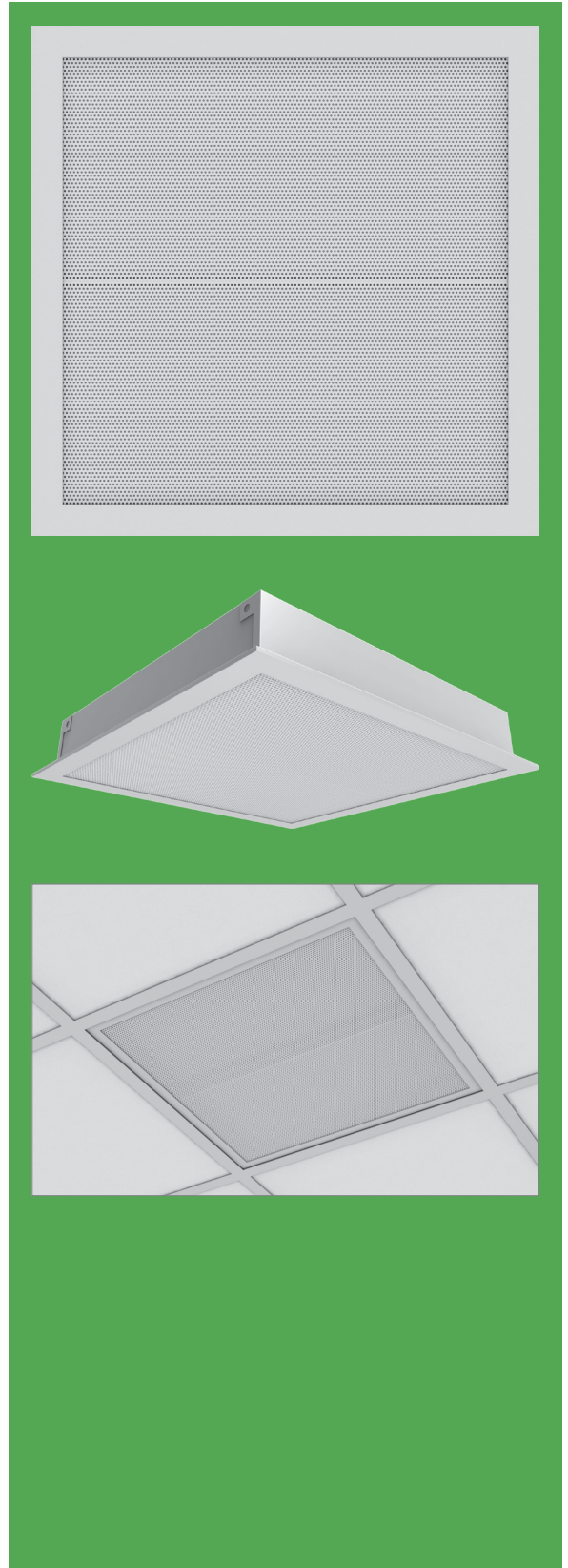
- 12"x24"
- 12"x36"
- 12"x48"
- 12"x60"
- 12"x72"
- 24"x24"
- 24"x36"
- 24"x48"
- 24"x60"
- 24"x72"
- 36"x36"
- 36"x48"
- 36"x60"
- 36"x72"

COMPATIBLE OPTIONS AND ACCESSORIES

- 1" insulation
- 316 stainless steel construction

NOTES:

- ¹ See product catalog for inlet and panel size availability.

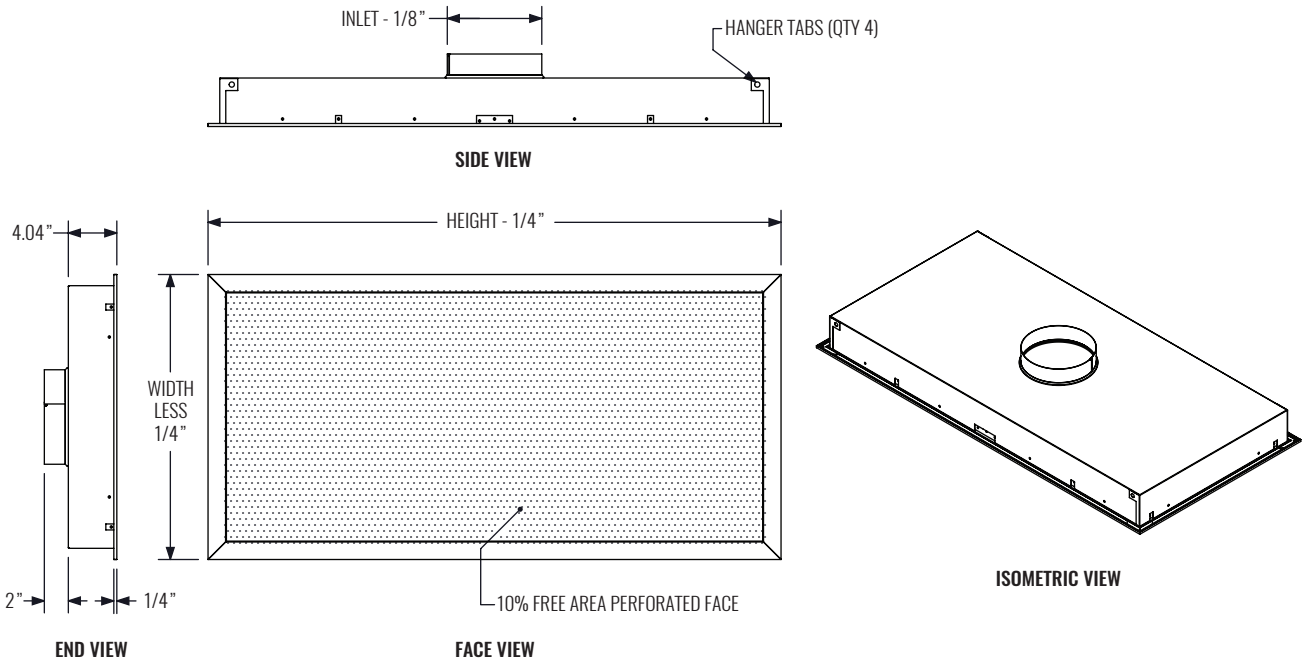


DISPLACEMENT VENTILATION

AFL

[WEB SEARCH: AFL](#)


DIMENSIONAL DATA



NOTES: 12"x24" to 12"x72" panel sizes only available with 6" and 8" inlet sizes. 24"x24" to 24"x72" panel sizes not available with 20" inlet size.

PERFORMANCE AND DESIGN DATA

SIZE		PERFORMANCE			DESIGN	
NOMINAL W x H	CFM RANGE	NC RANGE	NEAR ZONE RANGE (ft)	PARAMETERS	COOLING	
12" x 24"	25 - 65	5 - 7	1 - 4	SUPPLY AIR TEMPERATURE	65 - 68°F	
24" x 24"	60 - 150	5 - 10	2 - 5	RECOMMENDED FACE VELOCITY	40 FPM	
24" x 48"	125 - 310	7 - 20	4 - 6			

NOTES: Information shown is abbreviated. See website for complete information. Performance shown is based on the following operating conditions: 75°F, 50% relative humidity room design temperature. The "Near Zone Range" provides the horizontal distance in feet, measured from the mid-point of the face of the diffuser to where the discharge air drops down to 1" above floor level. Displacement unit discharge temperature should be within 10 to 12 degrees of room set point. NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10⁻¹² Watts. Data was obtained from tests conducted in accordance with the following: ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.