

**MODEL**

- AFE - Flat-faced, low velocity displacement diffuser for wall applications

**FEATURES**

- 20 gauge front panel
- Horizontal, low velocity discharge at floor level
- Easy integration into wall structure
- Detachable panel enables cleaning of the unit and duct work
- Rectangular duct connection at top/bottom of the unit

**UNIT SIZES** <sup>1</sup>

- 24"x24"
- 24"x32"
- 24"x39"
- 24"x47"

**COMPATIBLE OPTIONS AND ACCESSORIES**

- Stainless steel (AISI 316) <sup>2</sup>
- 16 gauge front panel
- Plenum
- Face only

NOTES: Finish code 90 (polished) not available with material code GS (steel).

<sup>1</sup> See Krueger's selection software for additional sizes.

<sup>2</sup> Material code SS (316 stainless steel) not available with front panel thickness code 16 (16 gauge). Material code SS (316 stainless steel) only available with finish code 90 (polished). If material code SS (stainless steel) is selected, the duct cover and installation base, if selected will be stainless steel.

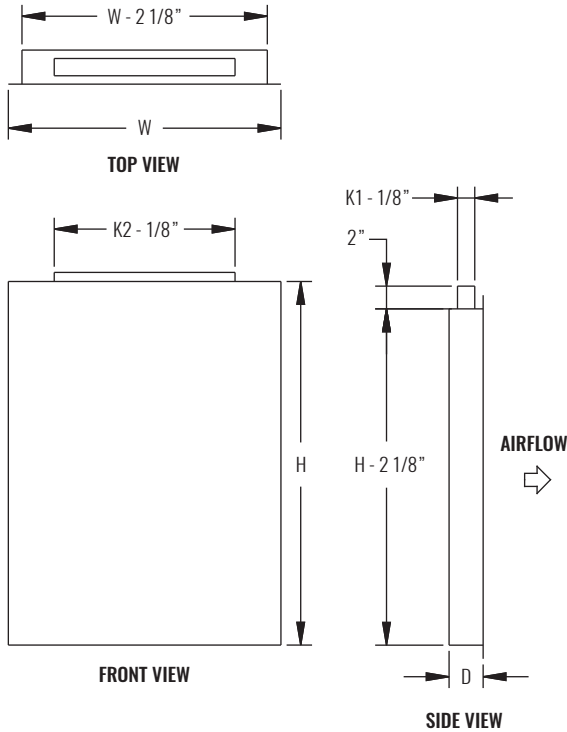


DISPLACEMENT VENTILATION

AFE



### DIMENSIONAL DATA



DIMENSIONS					
NOMINAL W x H	W	H	D	K1	K2
24" x 24"	23 5/8"	23 5/8"	2 7/16"	1 1/8"	15 11/16"
24" x 32"	23 5/8"	31 1/2"	2 15/16"	1 1/2"	15 11/16"
24" x 39"	23 5/8"	39 3/8"	3 3/4"	2 1/4"	15 11/16"
24" x 47"	23 5/8"	47 1/4"	4 1/2"	3 1/16"	15 11/16"
15" x 24"	15"	24"	3 1/2"	2 1/2"	12"
15" x 30"	15"	30"	3 1/2"	2 1/2"	12"
15" x 36"	15"	36"	3 1/2"	2 1/2"	12"
15" x 48"	15"	48"	3 1/2"	2 1/2"	12"
23" x 24"	23"	24"	3 1/2"	2 1/2"	18"
23" x 30"	23"	30"	3 1/2"	2 1/2"	18"
23" x 36"	23"	36"	3 1/2"	2 1/2"	18"
23" x 48"	23"	48"	3 1/2"	2 1/2"	18"
24" x 30"	24"	30"	3 1/2"	2 1/2"	18"
24" x 36"	24"	36"	3 1/2"	2 1/2"	18"
24" x 48"	24"	48"	3 1/2"	2 1/2"	18"
30" x 24"	30"	24"	3 1/2"	2 1/2"	18"
36" x 24"	36"	24"	3 1/2"	2 1/2"	18"
48" x 24"	48"	24"	3 1/2"	2 1/2"	18"

### PERFORMANCE AND DESIGN DATA

SIZE	PERFORMANCE		
	NOMINAL W x H	CFM RANGE	NC RANGE
24" x 24"	75 - 150	10 - 29	3.9 - 5.9
24" x 32"	85 - 175	10 - 27	4.6 - 6.6
24" x 39"	106 - 250	10 - 30	5.3 - 7.9
24" x 47"	106 - 275	8 - 28	4.1 - 7.9

DESIGN	
PARAMETERS	COOLING
SUPPLY AIR TEMPERATURE	65 - 68°F
RECOMMENDED FACE VELOCITY	40 FPM
MAX FLOOR COVERAGE DISTANCE	30 ft

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 distance in feet, measured from the face of the diffuser to where the discharge air drops down to 1" above floor level. Units are tested in accordance with the following standards: Air Flow Rate EN-ISO 5167-1 and Sound Power Level EN-ISO 7235.