

**DESIGN / APPLICATION:**

The Models HD-DF-3 and HD-DF-5 are designed for air dispersion in heavy duty and industrial applications. Model HD-DF-3 offers one row of blades which are fully adjustable. Model HD-DF-5 offers two rows of blades (horizontal and vertical) which can be independently positioned for optimal airflow.

**STANDARD CONSTRUCTION:**

**Frame**

HD-DF-3 - 3"x2", 14 gage galvanized steel angle frame

HD-DF-5 - 5"x2", 14 gage galvanized steel angle frame

**Blades**

3" wide, 20 gage galvanized steel "v" blade, individually adjustable

**Axles**

1/2" zinc plated steel hex pin

**Minimum Size**

6"w x 6"h

**Maximum Size**

48"w x 48"h (single section)

Unlimited multi-section assemblies

**Maximum Velocity**

1600 FPM

**Temperature range**

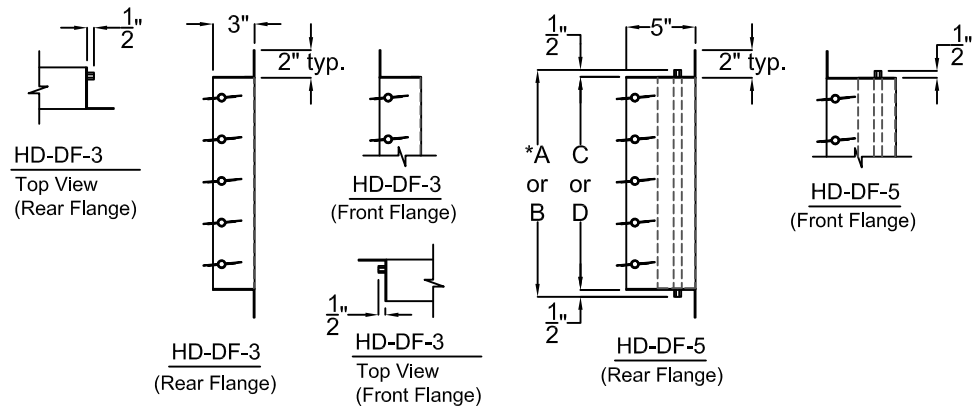
-40°F (-40°C) to +245°F (+118°C)

**Options**

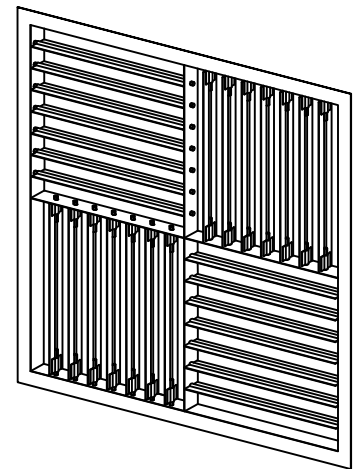
- 304 Stainless const.
- Powder Coated
- 4-way panel configuration (HD-DF-3 only)
- Bolt Holes in flange (3/8"Ø on 6" centers std.), Custom Pattern (specify, drawing may be required)
- 16 ga galvanized blades (2800 fpm max. velocity)



(HD-DF-5 Shown)



\*A & B dimensions are O.D. of blade pins.  
Blade Pins extend past frame 1/2" on both sides (standard).



4-way panel configuration shown.  
Height and Width will be divided evenly unless otherwise specified.  
(HD-DF-3 only)

Qty.	Model	Outside Dimensions		Frame Dimensions		Flange Orientation (specify front or rear flange)
		*A	*B	C	D	

Due to continuing research, United Enertech reserves the right to change specifications without notice.

Job Name:	<input type="checkbox"/> <b>MODEL HD-DF-3 (3" Deep, single deflection)</b> <input type="checkbox"/> <b>MODEL HD-DF-5 (5" Deep, double deflection)</b>		
Location:			
Architect:	DRAWN BY: CLJ	DATE: 1-17-13	REV. DATE: 8-11-14
Engineer:	REV. NO. 5	APPROVED BY: MD	DWG. NO.: <b>H-14</b>
Contractor:			