PRODUCT DATA

D-Series
MetalPan Fabric Diffuser
DT200 Snap Frame 24” X 48”

BENEFITS

- Provides low velocity dispersion pattern
- Provides both vertical and horizontal dispersion pattern
- Micro-perforated fabric face
- Snap frame attachment for quick and easy install
- 6” deep metal back pan with rigid diffusion panel
- Diffuser face is designed for room side removal
- Allows for diffuser face to be cleaned in the laundry

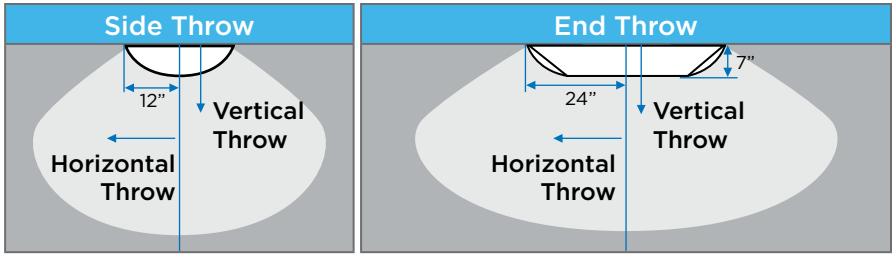
FEATURES

- Industry standard configuration
- Simple, rail and clip installation
- Interchangeable fabric face
- Metal pan contains 60% recycled content
- Lightweight (5 lbs lighter than metal for 24” x 48”)
- Shallow 7” face depth and tapered ends
- Capable of airflow volumes up to 1,000 CFM (472 L/s)
- Support tabs (cables not included)

OPTIONS

- 24” x 48” (custom size available)
- Surround Flow (standard) or Select Flow, venting
- Inlet collar diameter
- Insulated backpan (R4 or R6)
- Backpan construction - steel (standard), aluminum, or stainless steel
- Silver, white, or custom color available

Panel Size		Inlet Diameter
Width (in)	Length (in)	(in)
24	48	12



Throw distance (ft) is measured from the center of the device.

Fabric Type: DT200

Isothermal Airflow		Neck Velocity		Pt Total Pressure		Ps Static Pressure		NC Noise Criteria	SIDE Horizontal Throw fpm (m/s)						SIDE Vertical Throw fpm (m/s)						END Horizontal Throw fpm (m/s)						END Vertical Throw fpm (m/s)					
CFM (L/s)		fpm (m/s)		in w.g. (Pa)		in w.g. (Pa)			100 (0.51)		75 (0.38)		50 (0.25)		100 (0.51)		75 (0.38)		50 (0.25)		100 (0.51)		75 (0.38)		50 (0.25)		100 (0.51)		75 (0.38)		50 (0.25)	
500	(236)	637	(3.2)	0.092	(22.9)	0.067	(16.7)	< 20	-	(-)	-	(-)	-	(-)	-	(-)	-	(-)	1.1	(0.4)	2.0	(0.7)	2.3	(0.8)	2.7	(0.9)	-	(-)	-	(-)	1.0	(0.3)
625	(295)	796	(4.0)	0.141	(35.1)	0.102	(25.4)	< 20	-	(-)	-	(-)	-	(-)	-	(-)	-	(-)	1.1	(0.4)	2.2	(0.7)	2.4	(0.8)	2.8	(0.9)	-	(-)	-	(-)	1.1	(0.4)
750	(354)	955	(4.9)	0.202	(50.3)	0.145	(36.1)	21	-	(-)	-	(-)	1.8	(0.6)	-	(-)	1.1	(0.4)	1.3	(0.4)	2.5	(0.8)	2.8	(0.9)	4.3	(1.4)	-	(-)	1.0	(0.3)	1.2	(0.4)
875	(413)	1,114	(5.7)	0.271	(67.4)	0.194	(48.3)	26	-	(-)	1.0	(0.3)	2.0	(0.7)	-	(-)	1.1	(0.4)	1.3	(0.4)	2.6	(0.9)	3.0	(1.0)	5.5	(1.8)	-	(-)	1.0	(0.3)	1.2	(0.4)
1,000	(472)	1,273	(6.5)	0.351	(87.3)	0.250	(62.2)	30	-	(-)	1.8	(0.6)	2.1	(0.7)	1.0	(0.3)	1.1	(0.4)	1.3	(0.4)	2.6	(0.9)	3.0	(1.0)	5.5	(1.8)	-	(-)	1.0	(0.3)	1.2	(0.4)

*Table section above represents throw distance in ft (m)

SPECIFICATIONS

CODES:

- Classified by Underwriters Laboratories in accordance with the requirements of:
  - UL 723

AIRFLOW RANGE:

- 500 - 1,000 CFM (236 - 472 L/s)

FABRIC WEAVE:

- Fire Retardant Polyester
- Filament, Non-Linting

PERFORMANCE NOTES:

1. Units were tested in accordance with ASHRAE Standard 70-1991 “Method of Testing for Rating the Performance of Air Outlets and Inlets.”
2. Independant testing was performed to establish performance data. Test data was prepared by an independant ETL certified laboratory.
3. Test data reflects performance of DuctSox DT200 fabric.
4. Noise Criteria (NC) values based on a 10 dB room absorption. Actual values may vary depending on site conditions.
5. Asterisk (-) indicated that the designated airflow velocity was not observed.

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