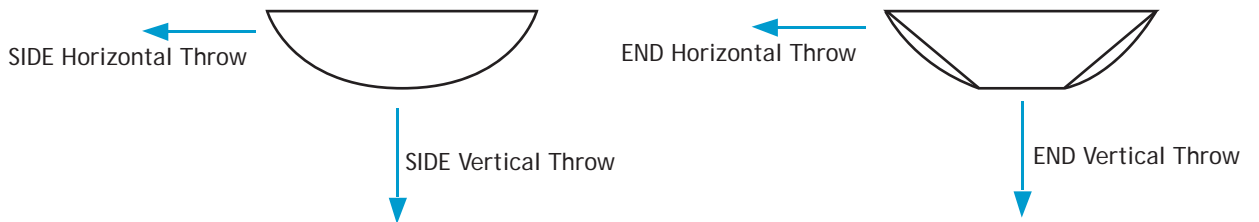


The MetalPan D-Fuser product is a fabric faced terminal diffusion device that includes a metal backpan with snap frame for traditional installation method. Given the airflow patterns generated by the unique combination of permeable fabric and face shape, throw data provided include measurements for both the horizontal and vertical and positions for both end and side orientations.



**24x24 MetalPan: Surround-Flow**

Panel Size		Inlet Dia (in)	Airflow (CFM)	Neck Vel. (FPM)	Pt	Ps	NC
W (in)	L (in)						
24	24	10	250	458	.13	.11	--
			313	574	.19	.17	--
			375	688	.25	.22	--
			438	803	.32	.28	18
			500	917	.38	.33	23



Isothermal Airflow CFM	SIDE Horizontal Throw			SIDE Vertical Throw			END Horizontal Throw			END Vertical Throw		
	100	75	50	100	75	50	100	75	50	100	75	50
250	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
313	< 0.5	1.1	1.6	1.3	1.6	1.3	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8
375	< 0.5	1.4	1.7	1.3	1.6	2.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.9
438	< 0.5	1.4	1.9	1.3	1.6	4.0	< 0.5	< 0.5	0.6	< 0.5	< 0.5	1.1
500	0.5	1.1	2.6	1.3	1.6	6.3	< 0.5	< 0.5	1.1	< 0.5	0.8	1.2

**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 Rx200 fabric.
4. Noise Criteria (NC) values based on a 10 dB room absorption. Actual values may vary depending on site conditions ["- -" = <15 NC].
5. Due to the uniform dispersion method, in some instances the scheduled terminal velocities were not attainable within 6" of the fabric face.