

The All-Fabric D-Fuser product is a fabric terminal diffusion device that includes a fabric assembly and snap frame for installation to a flat ceiling. 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.

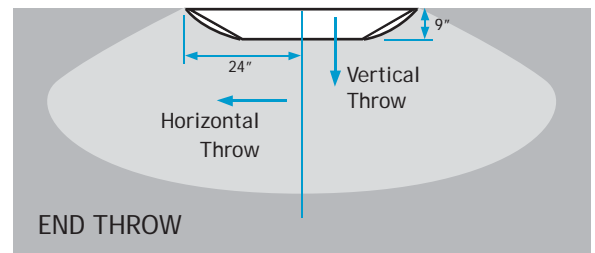
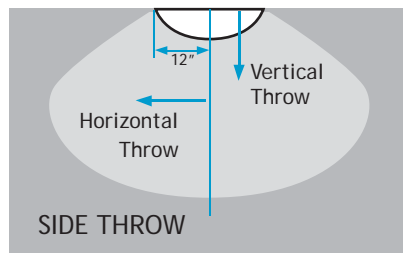
24x48 All Fabric: Surround-Flow

Panel Size		Inlet Dia (in)	Airflow (CFM)	Neck Vel. (FPM)	Pt	Ps	NC
W (in)	L (in)						
24	48	16	500	358	.07	.06	--
			625	448	.10	.09	--
			750	537	.13	.11	--
			875	627	.15	.13	--
			1000	716	.19	.16	16
			1125	806	.23	.19	20
			1250	895	.27	.22	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
500	*	*	*	*	*	*	*	*	3.0	*	*	3.0
625	*	*	*	*	*	*	*	*	4.0	*	*	4.5
750	*	*	*	*	*	*	*	1.5	5.5	*	3.0	6.0
875	*	*	*	*	*	*	1.5	3.5	5.3	1.0	3.0	5.0
1000	*	*	*	*	*	*	1.7	6.0	6.6	1.0	4.5	6.1
1125	*	*	1.0	*	*	0.7	5.0	7.2	8.6	3.0	4.5	4.6
1250	*	*	1.2	*	*	1.0	5.3	8.2	8.7	3.2	6.0	6.2

Throw distance (ft) is measured from the center of the device. Throw distance may appear extended due to length of device. Deduct 1/2 total length or width to calculate throw from end of actual device or fabric.



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 Rx-200 fabric.
4. Noise Criteria (NC) values based on a 10 dB room absorption. Actual values may vary depending on site conditions ["--" = <15 NC]
5. Asterisk (*) indicated that the designated airflow velocity was not observed. Due to the uniform dispersion method, in some instances the scheduled terminal velocities were not attainable within 6" of the fabric face.