

PRODUCT DATA

D-Series All-Fabric Diffuser Rx165 Snap Frame 24" X 48"

BENEFITS

- Provides low velocity dispersion pattern
- Provides both vertical and horizontal dispersion pattern
- Active antimicrobial treatment
- Snap frame attachment for quick and easy install
- No metal back pan above the ceiling
- Great for congested above ceiling space
- Fabric diffusion panel
- Entire diffuser body and diffuser face is designed for room side removal
- Allows for entire diffuser body and diffuser face to be cleaned in the laundry



FEATURES

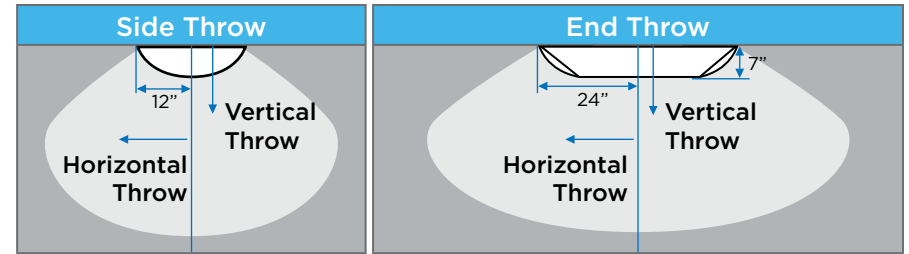
- Simple, snap frame installation
- Universal installation configurations (T-bar or finished ceiling)
- Lightweight shipping
- Easy maintenance
- Quiet
- Shallow 7" face depth and tapered ends
- Capable of air flow volumes up to 800 CFM (378 L/s)

OPTIONS

- Standard 24" x 48"
 - Custom sizes available
- Surround Flow (std.) or Select Flow
- Custom inlet size and position
- White, or custom color available



Panel Size		Inlet Diameter
Width (in)	Length (in)	(in)
24	48	14



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

Fabric Type: Rx165

Isothermal Airflow	Neck Velocity	Pt Total Pressure	Ps Static Pressure	NC Noise Criteria	SIDE		SIDE		END			END				
					Horizontal Throw fpm (m/s)			Vertical Throw fpm (m/s)			Horizontal Throw fpm (m/s)			Vertical Throw fpm (m/s)		
					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)
300 (142)	382 (1.9)	0.049 (12.2)	0.044 (10.9)	< 20	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	2 (0.7)	- (-)	- (-)	0.3 (0.1)		
425 (201)	541 (2.7)	0.084 (20.9)	0.074 (18.4)	< 20	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	2.7 (0.9)	- (-)	- (-)	0.6 (0.2)		
550 (260)	700 (3.6)	0.126 (31.4)	0.109 (27.1)	< 20	- (-)	- (-)	2.5 (0.8)	- (-)	- (-)	1.0 (0.3)	- (-)	2.0 (0.7)	3.5 (1.2)	0.9 (0.3)		
675 (319)	859 (4.4)	0.169 (42.1)	0.148 (36.8)	< 20	- (-)	- (-)	5.0 (1.7)	- (-)	- (-)	1.4 (0.5)	2.6 (0.9)	3.5 (1.2)	4.7 (1.6)	1.3 (0.4)		
800 (378)	1,019 (5.2)	0.226 (56.2)	0.191 (47.5)	21	- (-)	2.0 (0.7)	4.0 (1.3)	- (-)	0.7 (0.2)	1.4 (0.5)	3.4 (1.1)	4.0 (1.3)	6 (2.0)	1.3 (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:

- 300 - 800 CFM (142 - 378 L/s)

FABRIC WEAVE:

- Fire Retardant Polyester
- Filament, Non-Linting

TREATMENT:

- Active Antimicrobial

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 Rx165 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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