

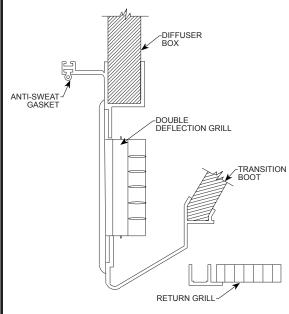
SPECIFICATION DATA FOR 01-530-18 SIDE DISCHARGE CONCENTRIC DIFFUSER

Application

Ruskin Rooftop Systems 530 series concentric diffuser systems are designed to provide a single point air distribution system with the added benefit of having directional air control. The systems may be used with either a "T-Bar" ceiling, a plaster ceiling, or with no ceiling at all.

Features

- Even 4-way air distribution
- All anodized aluminum diffuser frame
- Aluminum return air egg crate
- Double deflection diffuser
- Built-in Anti-Sweat gasket
- Molded fiberglass transition
- Built-in hanging supports
- Fiberglass duct-board diffuser box
- Stainless steel thumb screws
- Fully insulated (both supply and return)



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Recommended Specification

Diffusers shall consist of an aluminum supply diffuser with an aluminum egg-crate return. Unit shall be complete with a permanent non-adhesive anti-sweat gasket and hanging supports. Diffusers five ton and smaller shall have a molded fiberglass interior transition. Units fifteen ton and larger shall have supply duct through return transition ensure equal airflow to all four sides of diffuser. Manufacturers published data sheet shall include CFM rating, velocity rating, noise, static, and throw information. Side Discharge mount concentric diffusers shall be in all respects equivalent to Ruskin Rooftop Systems Model 530 Series.

DIMENSIONAL DATA												
EL#	Α	В	С	D	E	F	G	Н	I	J	ĸ	DUCT SIZE
8 4	17.625	23.625	11.375	21.500	45.500	22.500	11.500	10.750	45.500	21.500	7.125	18 ROUND
ENGINEERING DATA												
CFM	FM STATIC PRESSUR		THROW FEET			NOISE LEVEL	WEIGHT		GRILL COLOR		FILTER	BOX TYPE
1200	0	.17	11-18	4	21	- 20 db			ALUMINUM - GRAY			
1400	0	.20	12-19	4	91						NOT INCLUDED	
1600	0	.24	12-20	5	61		38	38 lbs		UM -		FIBERGLASS
1800	0	.30	13-21	6	32					Y		
2000	0	.36	14-23	7	02							
	8 4 CFM 1200 1400 1600 1800	8 47.625 CFM ST. PRES 1200 0 1400 0 1600 0 1800 0	8 47.625 23.625 CFM STATIC PRESSURE 1200 0.17 1400 0.20 1600 0.24 1800 0.30	8 47.625 23.625 11.375 CFM STATIC PRESSURE THROW FEET 1200 0.17 11-18 1400 0.20 12-19 1600 0.24 12-20 1800 0.30 13-21	8 47.625 23.625 11.375 21.500 CFM STATIC PRESSURE THROW FEET NEC V 1200 0.17 11-18 4 1400 0.20 12-19 4 1600 0.24 12-20 55 1800 0.30 13-21 66	A B C D E 8 47.625 23.625 11.375 21.500 45.500 K STATIC PRESSURE THROW FEET NECK/JET VEL. 1200 0.17 11-18 421 1400 0.20 12-19 491 1600 0.24 12-20 561 1800 0.30 13-21 632	A B C D E F 8 47.625 23.625 11.375 21.500 45.500 22.500 K STATIC PRESSURE THROW FEET NECK/JET VEL. NOISE LEVEL 1200 0.17 11-18 421 1400 0.20 12-19 491 1600 0.24 12-20 561 1800 0.30 13-21 632	EL# A B C D E F G 8 47.625 23.625 11.375 21.500 45.500 22.500 11.500 ENGINEERING DATA CFM STATIC PRESSURE THROW FEET NECK/JET VEL. NOISE LEVEL W 1200 0.17 11-18 421 VEL. VEL. 20 db 3 1600 0.24 12-20 561 20 db 3 3	EL# A B C D E F G H 8 47.625 23.625 11.375 21.500 45.500 22.500 11.500 10.750 ENGINEERING DATA CFM STATIC PRESSURE THROW FEET NECK/JET VEL. NOISE LEVEL WEIGHT 1200 0.17 11-18 421 1400 0.20 12-19 491 1600 0.24 12-20 561 20 db 38 lbs 1800 0.30 13-21 632 20 db 38 lbs 38 lbs	EL# A B C D E F G H I 8 47.625 23.625 11.375 21.500 45.500 22.500 11.500 10.750 45.500 ENGINEERING DATA CFM STATIC PRESSURE THROW FEET NECK/JET VEL. NOISE LEVEL WEIGHT GRIL COLO 1200 0.17 11-18 421	EL# A B C D E F G H I J 8 47.625 23.625 11.375 21.500 45.500 22.500 11.500 10.750 45.500 21.500 ENGINEERING DATA CFM STATIC PRESSURE THROW FEET NECK/JET VEL. NOISE LEVEL WEIGHT GRILL COLOR 1200 0.17 11-18 421 1400 0.20 12-19 491 1600 0.24 12-20 561 20 db 38 lbs ALUMINUM - GRAY	EL# A B C D E F G H I J K 8 47.625 23.625 11.375 21.500 45.500 22.500 11.500 10.750 45.500 21.500 7.125 K K K K K K K K K K K K K K K K K K K K K K K K K K K K K K K K K

JULY 7, 2017 FORM# RRS_53018 SUPERSEDES: NONE



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