

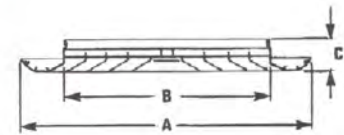


JS SQUARE CEILING DIFFUSER PERFORMANCE DATA

Model JS Square Ceiling Diffuser



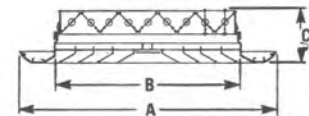
CFM	Ac	DIFFUSER SIZE							
		.21 6" x 6"	.38 8" x 8"	.58 10" x 10"	.86 12" x 12"	1.16 14" x 14"	1.92 18" x 18"	2.88 22" x 22"	3.62 24" x 24"
50	Pressure Loss Throw In Feet Neck Velocity	.007 2.1 200							
75	Pressure Loss Throw In Feet Neck Velocity	.015 3.2 300	.005 2.3 168						
100	Pressure Loss Throw In Feet Neck Velocity	.027 4.2 400	.009 3.1 225						
125	Pressure Loss Throw In Feet Neck Velocity	0.41 5.3 500	.014 3.8 281						
150	Pressure Loss Throw In Feet Neck Velocity	.058 6.4 600	.020 4.6 337	.008 3.6 216					
175	Pressure Loss Throw In Feet Neck Velocity	.080 7.5 700	.026 5.4 393	.011 4.2 252					
200	Pressure Loss Throw In Feet Neck Velocity	.104 8.6 800	.034 6.2 450	.014 4.8 288	.007 3.9 200				
250	Pressure Loss Throw In Feet Neck Velocity	.158 10.8 1000	.053 7.8 562	.022 6.0 360	.011 5.0 250	.008 4.1 183			
300	Pressure Loss Throw In Feet Neck Velocity	.225 13.0 1200	.075 9.3 675	.031 7.3 432	.015 6.0 300	.009 5.0 221			
350	Pressure Loss Throw In Feet Neck Velocity		.100 11.0 787	.042 8.5 504	.020 7.0 350	.012 5.6 257			
400	Pressure Loss Throw In Feet Neck Velocity		.130 12.5 900	.054 9.8 576	.026 8.0 400	.015 6.6 294			
450	Pressure Loss Throw In Feet Neck Velocity		.165 14.0 1012	.068 11.0 548	.032 8.0 450	.019 7.5 330			
500	Pressure Loss Throw In Feet Neck Velocity			.083 12.3 720	.040 10.0 500	.023 6.3 368	.009 6.3 223		
600	Pressure Loss Throw In Feet Neck Velocity			.117 14.7 864	.057 12.2 600	.033 10.0 440	.013 7.6 266		
700	Pressure Loss Throw In Feet Neck Velocity			.157 17.3 1008	.078 14.2 700	.044 11.7 515	.017 8.7 311	.008 7.0 208	
800	Pressure Loss Throw In Feet Neck Velocity			.199 18.2 800	.100 13.5 597	.058 10.0 355	.022 10.0 239	.010 8.0 200	.008 7.3
900	Pressure Loss Throw In Feet Neck Velocity			.248 18.4 900	.126 15.2 661	.072 11.3 400	.028 11.3 267	.013 9.0 225	.010 8.3
1000	Pressure Loss Throw In Feet Neck Velocity			.300 20.3 1000	.154 16.8 734	.088 12.8 464	.034 12.8 297	.016 10.0 250	.012 9.3
1200	Pressure Loss Throw In Feet Neck Velocity					.126 15.2 533	.049 12.2 357	.023 11.0 300	.016 11.0
1400	Pressure Loss Throw In Feet Neck Velocity					.165 17.7 623	.065 14.2 416	.031 13.0 350	.023 13.0
1600	Pressure Loss Throw In Feet Neck Velocity					.210 20.3 711	.085 16.3 464	.040 14.7 400	.029 14.7
1800	Pressure Loss Throw In Feet Neck Velocity					.260 24.0 800	.108 18.3 535	.050 16.3 450	.036 16.6
2000	Pressure Loss Throw In Feet Neck Velocity						.135 20.5 595	.062 18.6 500	.044 18.6
2200	Pressure Loss Throw In Feet Neck Velocity						.170 22.5 654	.074 20.4 550	.053 20.4



JS

DUCT SIZE	A	B	C
6" x 6"	9-1/2"	5-9/16"	1-7/16"
8" x 8"	11-1/2"	7-9/16"	1-7/16"
10" x 10"	13-1/2"	9-9/16"	1-7/16"
12" x 12"	15-1/2"	11-9/16"	1-7/16"
14" x 14"	17-1/2"	13-9/16"	1-7/16"

(Same 2" increments up to 24" x 24")



JS-OB

DUCT SIZE	A	B	C
6" x 6"	9-1/2"	5-9/16"	2-13/16"
8" x 8"	11-1/2"	7-9/16"	2-13/16"
10" x 10"	13-1/2"	9-9/16"	2-13/16"
12" x 12"	15-1/2"	11-9/16"	2-13/16"
14" x 14"	17-1/2"	13-9/16"	2-13/16"

(Same 2" increments up to 24" x 24")

The Pressure Loss of the Diffuser is Total Pressure (Static Plus Velocity), in. W.G. Throw is based on terminal velocity of 50 ft. per min., measured from diffuser center. The actual maximum velocity measured at the face will be somewhat greater.

Air Patterns - Square Economical Face Ceiling Diffusers

One Way	Two Way Opposite	Two Way Corner	Three Way	Four Way	Available Sizes
					6" x 6" 8" x 8" 10" x 10" 12" x 12" 14" x 14" 16" x 16" 18" x 18" 20" x 20" 22" x 22" 24" x 24"



#2 Chootoo Road, South Aranguez, San Juan, Trinidad

