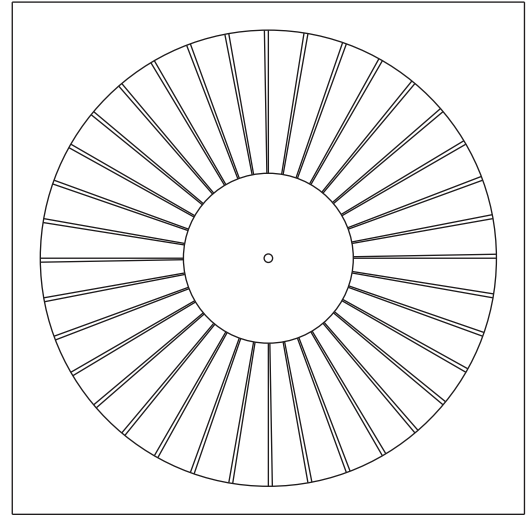




CEILING DIFFUSER-LOUVERED FACE

SQUARE SWIRL DIFFUSER Series

SCD400



PERFORMANCE DATA FOR 600x600mm - (23.6"x23.6")

INLET SIZE	6	CFM	200	250	300	350	400	450	500
		S.P inch Wg.	0.03	0.04	0.05	0.07	0.09	0.11	0.13
		NC	<15	21	26	30	34	37	39
		THROW (Ft)	2-6	3-7	4-8	5-9	6-10	7-11	8-12
	8	CFM	250	300	350	400	450	500	550
		S.P inch Wg.	0.03	0.04	0.05	0.07	0.09	0.11	0.13
		NC	<15	21	26	30	34	37	39
		THROW (Ft)	3-7	4-8	5-9	6-10	7-11	8-12	9-13
	10	CFM	275	325	375	425	475	525	575
		S.P inch Wg.	0.03	0.05	0.06	0.07	0.09	0.11	0.14
		NC	<15	21	25	29	33	36	38
		THROW (Ft)	3-7	4-8	5-9	6-10	7-12	8-13	9-15
	12	CFM	300	350	400	450	500	550	600
		S.P inch Wg.	0.03	0.05	0.06	0.07	0.09	0.11	0.14
		NC	<15	21	25	29	32	35	37
		THROW (Ft)	3-7	4-8	5-9	7-11	8-12	9-14	10-16
	14	CFM	325	375	425	475	525	575	625
		S.P inch Wg.	0.03	0.05	0.06	0.07	0.09	0.11	0.14
		NC	<15	21	24	28	31	34	36
		THROW (Ft)	3-7	4-8	5-9	7-11	8-12	9-14	10-16

Notes:

SP = Static Pressure, inches W.G

CFM= Airflow in cubic feet per minute (cfm)

NC = Noise Criteria. NC values are based on room absorption of 10dB, re 10-12 watts.

Throw data is given in feet to terminal velocities of 100fpm and 50fpm . Throw values are based on Isothermal conditions. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets".

The Area Factor for 600x600 size is 0.364ft²