

14SC/514SC SERIES

Diffuser | Louvered Face



INTRODUCTION

The 14SC series are square face, 3-cone, round neck ceiling diffusers and are available in a variety of frame styles to help meet the architectural requirements of today's ceilings. The spacing of the inner cones in relation to the backpan result in a design possessing anti-smudge characteristics, preventing the buildup of particles on the ceiling, which is achieved by minimizing the low pressure region inherent to most 4-way directional blow diffusers. Also known as concentric cone diffusers, 14SCs are constructed of one-piece stamped cones which provide a clean, smooth appearance without mitered corner joints. The 14SC series delivers strong performance in variable air volume systems. The consistent, horizontal airflow ensures efficient air distribution throughout the space, even as the airflow rate changes across a wide range.

MODELS

14SC - Steel 3-Cone Louvered Diffuser

514SC - Aluminum 3-Cone Louvered Diffuser

PANEL SIZES

- 12"x12", 20"x20", and 24"x24"
- 300x300mm and 600x600mm

FEATURES

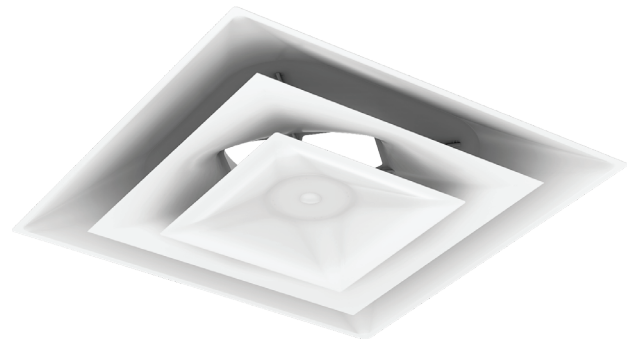
- Three cones for optimum airflow control
- Great choice for variable air volume spaces
- Cones feature a one-piece stamped construction without mitered joints
- Round neck for easy connection to round duct
- Anti-smudge design prevents smeared ceilings

ACCESSORIES

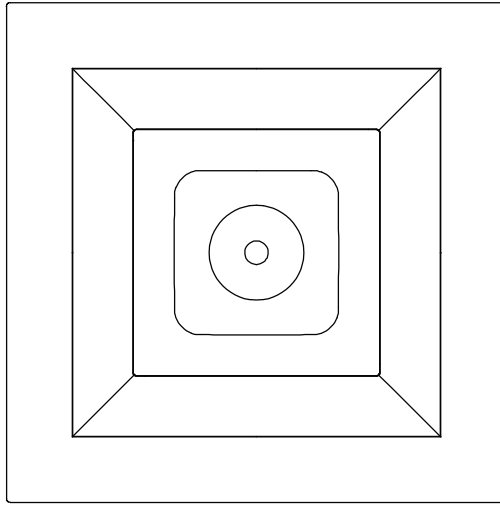
- Optional round damper: radial, opposed blade, or butterfly
- Optional R6 insulated backpan
- Optional straightening grid
- Optional surface mounting frame
- Optional 30"x30" lay-in adapter frame
- Optional earthquake tabs

FINISHES

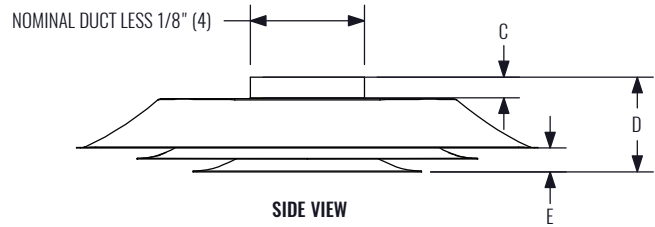
- Standard finish is #WHT White
- Optional finishes available



DIMENSIONAL DATA



FACE VIEW



SIDE VIEW

PANEL SIZE	FRAME STYLE	NOMINAL DUCT	C	D	E
12"x12"	SFM LTF SNI SPL	4", 5"	3 1/8" (80)	5 3/8" (137)	1 1/8" (29)
		6", 7"	1 1/8" (29)	3 3/8" (86)	
		8"	1 1/4" (32)	3 1/2" (89)	
20"x20"	SFM LTF	4", 5"	2 3/4" (70)	6 3/8" (162)	1 1/4" (32)
		6", 8", 10"	3/4" (19)	4 3/8" (111)	
24"x24"	SFM	6", 8"	1 1/4" (32)	3 3/4" (96)	1 1/4" (32)
		10", 12", 14", 15"	1 3/8" (35)	3 7/8" (99)	
	SNI	6", 8"	1 1/4" (32)	5" (127)	1 3/8" (35)
		10", 12", 14", 15"	1 3/8" (35)	5 1/8" (130)	
	LTF SPL NTG	6", 8"	1 1/4" (32)	5" (127)	1 1/4" (32)
		10", 12", 14", 15"	1 3/8" (35)	5 1/8" (130)	
24"x24" (12"x12" FACE)	L12	4", 5"	2 3/4" (70)	5" (127)	1 1/8" (29)
		6", 7"	3/4" (19)	3" (76)	
		8"			
300x300mm	LTF	4", 5"	3 1/8" (80)	5 3/8" (137)	1 1/8" (29)
		6", 7"	1 1/8" (29)	3 3/8" (86)	
		8"	1 1/4" (32)	3 1/2" (89)	
600x600mm	LTF	6"	1 1/8" (29)	5" (127)	1 1/4" (32)
		8"	1 1/4" (32)	5" (127)	
		10", 12", 14", 15"	1 3/8" (35)	5 1/8" (130)	

NOTES: Dimensions in parentheses are millimeters.
 * Adapter frame provided for neck sizes 4" and 5".

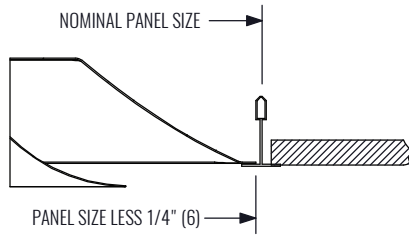
14SC/514SC SERIES

Diffuser | Louvered Face

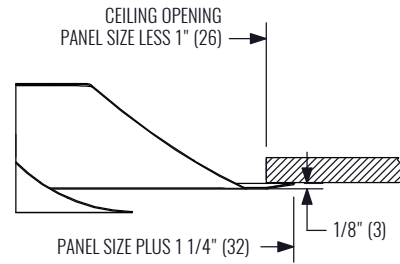


DIFFUSERS | LOUVERED FACE

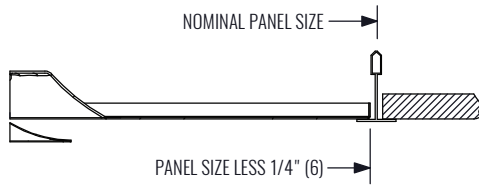
DIMENSIONAL DATA



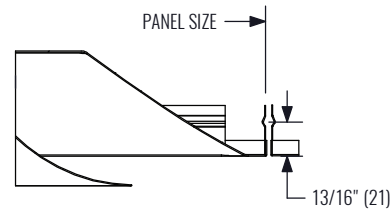
LTF (LAY-IN)



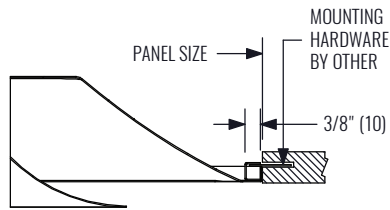
SFM (SURFACE MOUNT)



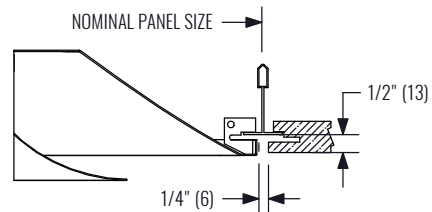
L12 (12X12 FACE)



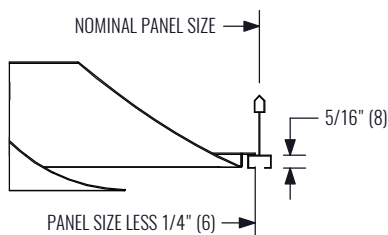
SNI (SNAP-IN)



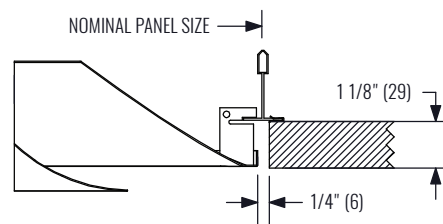
SPL (SPLINE)



RSC (RECESSED SPLINE CLIP)



NTG (NARROW TEE)



RST (RECESSED SPLINE 4T CLIP)

NOTE: Dimensions in parentheses are millimeters.

PERFORMANCE DATA | 12"x12" MODULE, NO DAMPER

NECK SIZE	IP DATA					NC	METRIC DATA				
	NECK VEL	AIR FLOW	Pt	Ps	THROW		NECK VEL	AIR FLOW	Pt	Ps	THROW
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m
4" DIA.	400	35	.002	0.012	1-1-3	-	2.03	17	0.5	3.0	0.3-0.3-0.9
	500	44	.002	0.018	1-2-4	-	2.54	21	0.5	4.5	0.3-0.6-1.2
	600	52	.004	0.026	1-2-4	-	3.05	25	1.0	6.5	0.3-0.6-1.2
	700	61	.004	0.035	2-3-5	-	3.56	29	1.0	8.7	0.6-0.9-1.5
	800	70	.006	0.046	2-3-6	12	4.06	33	1.5	11.5	0.6-0.9-1.8
	1000	87	.010	0.072	2-4-7	20	5.08	41	2.5	17.9	0.6-1.2-2.1
	1200	105	.014	0.104	3-4-7	26	6.10	50	3.5	25.9	0.9-1.2-2.1
	1400	122	.019	0.141	3-5-8	31	7.11	58	4.7	35.1	0.9-1.5-2.4
1600	140	.024	0.184	4-6-8	36	8.13	66	6.0	45.8	1.2-1.8-2.4	
5" DIA.	400	55	.005	0.015	1-2-4	-	2.03	26	1.2	3.7	0.3-0.6-1.2
	500	68	.007	0.023	2-2-5	-	2.54	32	1.7	5.7	0.6-0.6-1.5
	600	82	.011	0.033	2-3-6	-	3.05	39	2.7	8.2	0.6-0.9-1.8
	700	95	.013	0.044	2-3-7	-	3.56	45	3.2	11.0	0.6-0.9-2.1
	800	109	.018	0.058	2-4-7	15	4.06	51	4.5	14.4	0.6-1.2-2.1
	1000	136	.029	0.091	3-5-8	23	5.08	64	7.2	22.7	0.9-1.5-2.4
	1200	164	.041	0.131	4-6-9	29	6.10	77	10.2	32.6	1.2-1.8-2.7
	1400	191	.056	0.178	4-7-10	34	7.11	90	13.9	44.3	1.2-2.1-3.0
1600	218	.072	0.232	5-7-10	39	8.13	103	17.9	57.8	1.5-2.1-3.0	
6" DIA.	400	79	.008	0.018	2-2-5	-	2.03	37	2.0	4.5	0.6-0.6-1.5
	500	98	.012	0.028	2-3-6	-	2.54	46	3.0	7.0	0.6-0.9-1.8
	600	118	.019	0.041	2-3-7	-	3.05	56	4.7	10.2	0.6-0.9-2.1
	700	137	.025	0.056	3-4-8	13	3.56	65	6.2	13.9	0.9-1.2-2.4
	800	157	.033	0.073	3-5-9	18	4.06	74	8.2	18.2	0.9-1.5-2.7
	1000	196	.052	0.114	4-6-10	25	5.08	93	12.9	28.4	1.2-1.8-3.0
	1200	236	.074	0.164	5-7-11	32	6.10	111	18.4	40.8	1.5-2.1-3.4
	1400	275	.101	0.223	5-8-12	37	7.11	130	25.1	55.5	1.5-2.4-3.7
1600	314	.131	0.291	6-9-13	42	8.13	148	32.6	72.5	1.8-2.7-4.0	
7" DIA.	400	107	.010	0.020	2-3-5	-	2.03	50	2.5	5.0	0.6-0.9-1.5
	500	134	.015	0.031	2-3-7	-	2.54	63	3.7	7.7	0.6-0.9-2.1
	600	160	.023	0.045	3-4-8	-	3.05	76	5.7	11.2	0.9-1.2-2.4
	700	187	.031	0.062	3-5-9	15	3.56	88	7.7	15.4	0.9-1.5-2.7
	800	214	.041	0.081	4-5-10	20	4.06	101	10.2	20.2	1.2-1.5-3.0
	1000	267	.064	0.126	4-7-12	28	5.08	126	15.9	31.4	1.2-2.1-3.7
	1200	321	.091	0.181	5-8-13	34	6.10	151	22.7	45.1	1.5-2.4-4.0
	1400	374	.125	0.247	6-9-14	39	7.11	177	31.1	61.5	1.8-2.7-4.3
1600	428	.162	0.322	7-10-15	44	8.13	202	40.3	80.2	2.1-3.0-4.6	
8" DIA.	400	140	.012	0.022	2-3-6	-	2.03	66	3.0	5.5	0.6-0.9-1.8
	500	175	.019	0.035	3-4-8	-	2.54	82	4.7	8.7	0.9-1.2-2.4
	600	209	.028	0.050	3-5-9	12	3.05	99	7.0	12.5	0.9-1.5-2.7
	700	244	.038	0.069	4-5-11	17	3.56	115	9.5	17.2	1.2-1.5-3.4
	800	279	.050	0.090	4-6-12	22	4.06	132	12.5	22.4	1.2-1.8-3.7
	1000	349	.078	0.140	5-8-13	29	5.08	165	19.4	34.9	1.5-2.4-4.0
	1200	419	.112	0.202	6-9-14	36	6.10	198	27.9	50.3	1.8-2.7-4.3
	1400	489	.153	0.275	7-11-16	41	7.11	231	38.1	68.5	2.1-3.4-4.9
1600	559	.199	0.359	8-12-17	46	8.13	264	49.6	89.4	2.4-3.7-5.2	

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10⁻¹² Watts. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection software for performance data not shown.

DIFFUSERS | LOUVERED FACE

14SC/514SC SERIES

Diffuser | Louvered Face



PERFORMANCE DATA | 20"x20" MODULE, NO DAMPER

NECK SIZE	IP DATA					NC	METRIC DATA				
	NECK VEL	AIR FLOW	Pt	Ps	THROW		NECK VEL	AIR FLOW	Pt	Ps	THROW
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m
6" DIA.	400	79	.006	0.016	1 - 1 - 4	-	2.03	37	1.5	4.0	0.3 - 0.3 - 1.2
	500	98	.009	0.025	1 - 2 - 4	-	2.54	46	2.2	6.2	0.3 - 0.6 - 1.2
	600	118	.013	0.035	2 - 3 - 5	-	3.05	56	3.2	8.7	0.6 - 0.9 - 1.5
	700	137	.017	0.048	2 - 3 - 6	14	3.56	65	4.2	12.0	0.6 - 0.9 - 1.8
	800	157	.023	0.063	2 - 4 - 7	18	4.06	74	5.7	15.7	0.6 - 1.2 - 2.1
	1000	196	.037	0.099	3 - 4 - 9	24	5.08	93	9.2	24.7	0.9 - 1.2 - 2.7
	1200	236	.052	0.142	4 - 5 - 10	30	6.10	111	12.9	35.4	1.2 - 1.5 - 3.0
8" DIA.	400	140	.007	0.017	1 - 1 - 4	-	2.03	66	1.7	4.2	0.3 - 0.3 - 1.2
	500	175	.011	0.027	1 - 2 - 4	-	2.54	82	2.7	6.7	0.3 - 0.6 - 1.2
	600	209	.016	0.038	2 - 3 - 5	-	3.05	99	4.0	9.5	0.6 - 0.9 - 1.5
	700	244	.026	0.057	2 - 3 - 6	13	3.56	115	6.5	14.2	0.6 - 0.9 - 1.8
	800	279	.027	0.067	2 - 4 - 7	19	4.06	132	6.7	16.7	0.6 - 1.2 - 2.1
	1000	349	.043	0.105	3 - 4 - 9	23	5.08	165	10.7	26.1	0.9 - 1.2 - 2.7
	1200	419	.062	0.152	4 - 5 - 10	29	6.10	198	15.4	37.8	1.2 - 1.5 - 3.0
10" DIA.	400	218	.010	0.020	1 - 1 - 4	-	2.03	103	2.5	5.0	0.3 - 0.3 - 1.2
	500	273	.016	0.032	1 - 2 - 4	-	2.54	129	4.0	8.0	0.3 - 0.6 - 1.2
	600	327	.023	0.045	2 - 3 - 5	17	3.05	154	5.7	11.2	0.6 - 0.9 - 1.5
	700	382	.031	0.062	2 - 3 - 6	20	3.56	180	7.7	15.4	0.6 - 0.9 - 1.8
	800	436	.041	0.081	2 - 4 - 7	24	4.06	206	10.2	20.2	0.6 - 1.2 - 2.1
	1000	545	.064	0.126	3 - 4 - 9	31	5.08	257	15.9	31.4	0.9 - 1.2 - 2.7
	1200	654	.090	0.180	4 - 5 - 10	36	6.10	309	22.4	44.8	1.2 - 1.5 - 3.0
1400	764	.118	0.240	4 - 6 - 12	41	7.11	361	29.4	59.8	1.2 - 1.8 - 3.7	

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10⁻¹² Watts. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection software for performance data not shown.

DIFFUSERS | LOUVERED FACE

PERFORMANCE DATA | 24"x24" MODULE, NO DAMPER

NECK SIZE	IP DATA					NC	METRIC DATA				
	NECK VEL	AIR FLOW	Pt	Ps	THROW		NECK VEL	AIR FLOW	Pt	Ps	THROW
	FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m
6" DIA.	400	79	.006	0.016	1 - 2 - 4	-	2.03	37	1.5	4.0	0.3 - 0.6 - 1.2
	500	98	.009	0.025	1 - 2 - 4	-	2.54	46	2.2	6.2	0.3 - 0.6 - 1.2
	600	118	.013	0.035	2 - 3 - 5	-	3.05	56	3.2	8.7	0.6 - 0.9 - 1.5
	700	137	.017	0.048	2 - 3 - 6	12	3.56	65	4.2	12.0	0.6 - 0.9 - 1.8
	800	157	.023	0.063	2 - 4 - 7	16	4.06	74	5.7	15.7	0.6 - 1.2 - 2.1
	1000	196	.037	0.099	3 - 4 - 9	22	5.08	93	9.2	24.7	0.9 - 1.2 - 2.7
	1200	236	.052	0.142	4 - 5 - 11	28	6.10	111	12.9	35.4	1.2 - 1.5 - 3.4
	1400	275	.071	0.193	4 - 6 - 12	32	7.11	130	17.7	48.1	1.2 - 1.8 - 3.7
1600	314	.092	0.252	5 - 7 - 13	36	8.13	148	22.9	62.7	1.5 - 2.1 - 4.0	
8" DIA.	400	140	.006	0.016	2 - 3 - 5	-	2.03	66	1.5	4.0	0.6 - 0.9 - 1.5
	500	175	.009	0.025	2 - 3 - 7	-	2.54	82	2.2	6.2	0.6 - 0.9 - 2.1
	600	209	.014	0.036	3 - 4 - 8	11	3.05	99	3.5	9.0	0.9 - 1.2 - 2.4
	700	244	.018	0.049	3 - 5 - 9	15	3.56	115	4.5	12.2	0.9 - 1.5 - 2.7
	800	279	.024	0.064	4 - 5 - 11	19	4.06	132	6.0	15.9	1.2 - 1.5 - 3.4
	1000	349	.039	0.101	4 - 7 - 13	26	5.08	165	9.7	25.1	1.2 - 2.1 - 4.0
	1200	419	.055	0.145	5 - 8 - 14	31	6.10	198	13.7	36.1	1.5 - 2.4 - 4.3
	1400	489	.075	0.197	6 - 9 - 16	36	7.11	231	18.7	49.1	1.8 - 2.7 - 4.9
1600	559	.097	0.257	7 - 11 - 17	40	8.13	264	24.2	64.0	2.1 - 3.4 - 5.2	
10" DIA.	400	218	.007	0.017	2 - 4 - 7	-	2.03	103	1.7	4.2	0.6 - 1.2 - 2.1
	500	273	.010	0.026	3 - 5 - 9	-	2.54	129	2.5	6.5	0.9 - 1.5 - 2.7
	600	327	.015	0.037	4 - 5 - 11	14	3.05	154	3.7	9.2	1.2 - 1.5 - 3.4
	700	382	.020	0.051	4 - 6 - 13	18	3.56	180	5.0	12.7	1.2 - 1.8 - 4.0
	800	436	.026	0.066	5 - 7 - 14	22	4.06	206	6.5	16.4	1.5 - 2.1 - 4.3
	1000	545	.041	0.103	6 - 9 - 17	29	5.08	257	10.2	25.6	1.8 - 2.7 - 5.2
	1200	654	.059	0.149	7 - 11 - 18	34	6.10	309	14.7	37.1	2.1 - 3.4 - 5.5
	1400	764	.080	0.202	8 - 13 - 20	39	7.11	361	19.9	50.3	2.4 - 4.0 - 6.1
1600	873	.104	0.264	10 - 14 - 21	43	8.13	412	25.9	65.7	3.0 - 4.3 - 6.4	
12" DIA.	400	314	.007	0.017	3 - 5 - 9	-	2.03	148	1.7	4.2	0.9 - 1.5 - 2.7
	500	393	.011	0.027	4 - 6 - 11	11	2.54	185	2.7	6.7	1.2 - 1.8 - 3.4
	600	471	.016	0.038	5 - 7 - 14	16	3.05	222	4.0	9.5	1.5 - 2.1 - 4.3
	700	550	.021	0.052	5 - 8 - 16	21	3.56	260	5.2	12.9	1.5 - 2.4 - 4.9
	800	628	.028	0.068	6 - 9 - 18	24	4.06	296	7.0	16.9	1.8 - 2.7 - 5.5
	1000	785	.044	0.106	8 - 11 - 20	31	5.08	370	11.0	26.4	2.4 - 3.4 - 6.1
	1200	942	.063	0.153	9 - 14 - 22	36	6.10	445	15.7	38.1	2.7 - 4.3 - 6.7
	1400	1100	.086	0.208	11 - 16 - 23	41	7.11	519	21.4	51.8	3.4 - 4.9 - 7.0
1600	1257	.112	0.272	12 - 18 - 25	45	8.13	593	27.9	67.7	3.7 - 5.5 - 7.6	
14" DIA.	400	428	.008	0.018	4 - 5 - 11	-	2.03	202	2.0	4.5	1.2 - 1.5 - 3.4
	500	535	.012	0.028	5 - 7 - 14	13	2.54	252	3.0	7.0	1.5 - 2.1 - 4.3
	600	641	.018	0.040	5 - 8 - 16	18	3.05	303	4.5	10.0	1.5 - 2.4 - 4.9
	700	748	.023	0.054	6 - 10 - 19	22	3.56	353	5.7	13.4	1.8 - 3.0 - 5.8
	800	855	.047	0.087	7 - 11 - 21	26	4.06	404	11.7	21.7	2.1 - 3.4 - 6.4
	1000	1069	.048	0.110	9 - 14 - 23	33	5.08	505	12.0	27.4	2.7 - 4.3 - 7.0
	1200	1283	.069	0.159	11 - 16 - 25	38	6.10	606	17.2	39.6	3.4 - 4.9 - 7.6
	1400	1497	.094	0.216	13 - 19 - 27	43	7.11	707	23.4	53.8	4.0 - 5.8 - 8.2
1600	1710	.122	0.282	14 - 21 - 29	47	8.13	807	30.4	70.2	4.3 - 6.4 - 8.8	
15" DIA.	400	491	.008	0.018	4 - 6 - 12	-	2.03	232	2.0	4.5	1.2 - 1.8 - 3.7
	500	614	.012	0.028	5 - 7 - 15	13	2.54	290	3.0	7.0	1.5 - 2.1 - 4.6
	600	736	.018	0.040	6 - 9 - 18	19	3.05	347	4.5	10.0	1.8 - 2.7 - 5.5
	700	859	.024	0.055	7 - 10 - 21	23	3.56	405	6.0	13.7	2.1 - 3.0 - 6.4
	800	982	.032	0.072	8 - 12 - 22	27	4.06	463	8.0	17.9	2.4 - 3.7 - 6.7
	1000	1227	.050	0.112	10 - 15 - 25	34	5.08	579	12.5	27.9	3.0 - 4.6 - 7.6
	1200	1473	.072	0.162	12 - 18 - 27	39	6.10	695	17.9	40.3	3.7 - 5.5 - 8.2
	1400	1718	.098	0.220	14 - 21 - 29	44	7.11	811	24.4	54.8	4.3 - 6.4 - 8.8
1600	1963	.127	0.287	16 - 22 - 31	48	8.13	926	31.6	71.5	4.9 - 6.7 - 9.4	

NOTES: Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10⁻¹² Watts. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See Krueger's selection software for performance data not shown.

DIFFUSERS | LOUVERED FACE

14SC/514SC SERIES

Diffuser | Louvered Face



DIFFUSERS | LOUVERED FACE

ENGINEERING SPECIFICATION & CONFIGURATION

14SC, 514SC

The drop cone, square face diffuser shall be Krueger model 14SC (steel) or 514SC (aluminum). The 514SC shall be constructed of 100% aluminum. The 14SC and 514SC models shall be constructed of three precision die-stamped cones. The back cone shall have an integrally drawn neck for duct connections on 20"x20", 24"x24", and 24"x48" panel sized units. Fabricated collars are only acceptable on 12"x12" panel sized units. The two internal cones shall be fabricated as one detachable inner cone unit to allow for installation and cleaning. Diffusers shall be constructed of 24 gage steel (14SC) or 0.040" aluminum (514SC).

Optional round damper shall be constructed of heavy gage steel. Damper shall be operable from the face of the diffuser.

PERFORMANCE

The manufacturer shall provide published (printed or electronic) performance data for the diffuser. The diffuser shall be tested in accordance to the data standards at the time of product introduction or ANSI/ASHRAE Standard 70.

FINISH

The paint finish shall be #WHT White and be an anodic acrylic paint, baked at 315° for 30 minutes. The paint thickness shall be 0.8 - 1.0 mils, gloss at 60° per ASTM D523-89 of 50 - 85%, pencil hardness per ASTM D3363-92A of HB - H, crosshatch adhesion per ASTM D3359-83 of 4B - 5B, impact per ASTM D2794-93 of direct impact >100 in/lb and reverse impact >80 in/lb, salt spray per ASTM B117-9048 of 96 hours, humidity per ASTM D2247-92 of >500 hours and water soak per ASTM D870-92 of 250 hours.

1. SERIES: (XXXXX)

14SC - 3-Cone, Steel Ceiling Diffuser
514SC - 3-Cone, Aluminum Ceiling Diffuser*

2. PATTERN: (XXX)

1WY - 1-Way (3 Baffles)
2WY - 2-Way (2 Baffles)
3WY - 3-Way (1 Baffle)
4WY - 4-Way (No Baffles)

3. ROUND NECK: (XX)****

4", 5", 6", 7", 8", 10", 12", 14", or 15"

4. FRAME: (XXX)

LTF - Lay-in T-Bar
L12 - 12"x12" Face, Lay-in T-Bar
SFM - Surface Mount
SNI - Snap-in

(Continued)

SPL - Spline
RSC - Recessed Spline Clip
RST - Recessed Spline 4T Clip
NTG - Narrow Tee (9/16" with 5/16" Drop)

5. PANEL: (XX)x(XX)

None - No Panel
12x12 - 12"x12"
20x20 - 20"x20"
24x24 - 24"x24"
48x24 - 48"x24"
3Mx3M - Metric 300x300
6Mx6M - Metric 600x600

6. DAMPER: (XXX)

000 - None
RRN - Radial Neck Mounted
RRD - Radial Duct Mounted
RON - Opposed Blade Neck Mounted
ROD - Opposed Blade Duct Mounted
RBN - Butterfly Neck Mounted
COM - Combo (Damper with Equalizing Grid)

7. INSULATION: (XX)

00 - None
R6 - Molded R6 Insulation***

8. EARTHQUAKE TABS: (XX)

00 - None
EQ - Earthquake Tabs

9. EQUALIZING GRID: (XX)

00 - None
EG - Equalizing Grid

10. INSTALL FRAME: (XXX)

000 - None
AFR - Rapid Mount Frame (Aluminum)
SFR - Rapid Mount Frame (Steel)
30F - 30"x30" Adapter Frame**

11. FINISH: (XXX)

WHT - White
ALP - Aluminum Paint
CMP - Alkyd Enamel Paint to Match
CMX - Hard Coat Urethane to Match
OWH - Off-White Paint
BLK - Black Paint

See dimensional data for available panel, frame, and neck configurations.

* 514SC only available in frames SFM, LTF, and NTG.
514SC not available in panel size 3Mx3M.

** Adapter frame provided for neck sizes 4" and 5".

*** R6 insulation only available with frame LTF or SFM.

R6 insulation only available with panel size 24"x24".

R6 insulation only available with neck sizes 6", 8", 10", 14", and 15".

**** 7" inlet available in panel size 12x12 only.

SAMPLE CONFIGURATION: 14SC - 4WY - 06 - LTF - 24x24 - 000 - 00 - 00 - EG - 000 - WHT