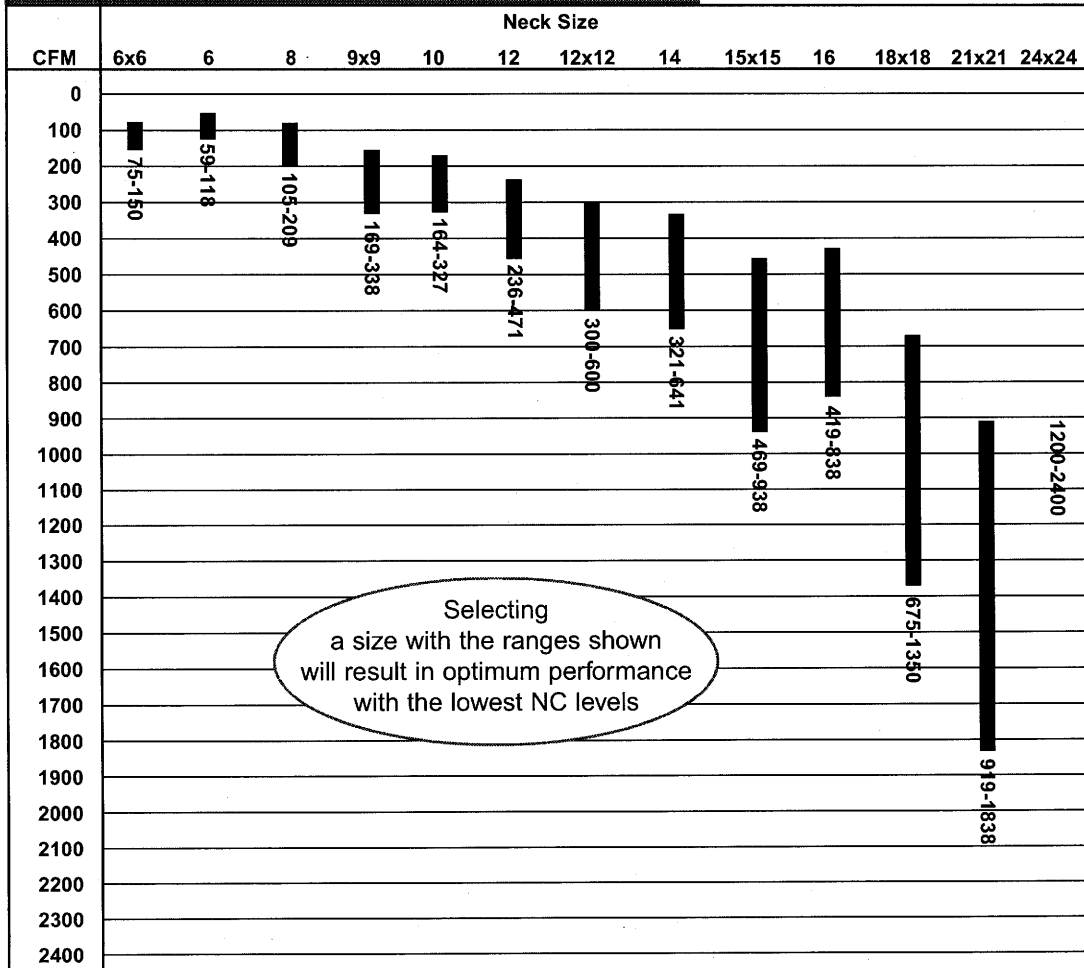


**Square/Rectangular
& Square Louvered &
Plaque Face Diffusers**

- Quick Select Chart for SK & SE Diffusers

Quick Selection Chart for SK/SE Diffusers



Sq. & Rect. Louvered Diffusers

Square/Rectangular & Square Louvered & Plaques Face Diffusers

- Rectangular Neck
 - Round Neck
- Performance Data for SK & SE

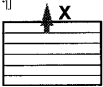
Neck Velocity	300	400	500	600	700	800	900
Static Pressure	.033	.059	.092	.134	.182	.237	.301
Total Pressure	.039	.069	.108	.156	.212	.277	.351

Neck Size: 21" x 24" (3.5 Sq. Ft.)

Total cfm NC/RC		1050 15/14R		1400 22/21R		1750 27/26N		2100 32/31N		2450 36/35N		2800 41/39N		3150 43/42H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
11 & 12	X	1050	35-42-50	1400	38-47-59	1750	41-51-66	2100	44-55-73	2450	46-58-79	2800	49-61-86	3150	51-64-91
21 & 22	X	525	18-26-39	700	22-31-44	875	25-35-50	1050	28-38-54	1225	31-42-59	1400	33-45-62	1575	36-48-66
26 & 27	X	591	19-28-42	788	23-32-48	984	26-37-53	1181	29-41-58	1378	32-44-63	1575	35-48-67	1772	38-51-71
	Y	459	17-24-37	613	20-29-42	766	23-32-47	919	26-36-51	1072	28-39-55	1225	31-42-59	1378	33-45-62
31	X	300	16-22-32	400	19-26-36	500	22-29-41	600	25-32-44	700	28-34-48	800	30-37-51	900	32-39-54
	Y	375	16-24-32	500	19-28-38	625	22-32-43	750	24-35-47	875	27-39-51	1000	29-42-54	1125	31-45-58
32	X	410	17-25-34	547	21-30-40	684	24-34-45	820	26-38-49	957	29-41-53	1094	31-45-57	1230	34-48-60
	Y	230	14-19-27	306	17-23-32	383	20-25-36	459	22-28-39	536	24-30-42	613	26-33-45	689	28-35-48
41	X	295	16-22-31	394	19-26-36	492	22-29-40	591	24-32-44	689	26-34-48	788	28-37-51	886	30-39-54
	Y	230	14-19-27	306	17-23-32	383	20-25-36	459	22-28-39	536	24-30-42	613	26-33-45	689	28-35-48

RECTANGULAR BLOW PATTERNS

1 1



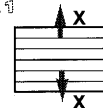
One Way Rectangular Long Blow

1 2



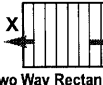
One Way Rectangular Short Blow

2 1



Two Way Rectangular Long Blow

2 2



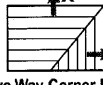
Two Way Rectangular Short Blow

2 6



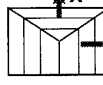
Two Way Corner Rect. Short Blow Left

2 7



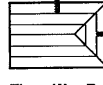
Two Way Corner Rect. Short Blow Right

3 1



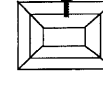
Three Way Rect. One Long Blow

3 2



Three Way Rect. One Short Blow

4 1



Four Way Rectangular

6" Round Inlet (.196 ft.²) on a 6" x 6" Diffuser

Total cfm Static Pressure Total Pressure NC/RC		59 .038 .044 —		79 .063 .073 —12H		98 .092 .108 14/16H		118 .127 .149 19/21H		137 .163 .193 24/25H		157 .203 .243 28/29H		177 .248 .298 32/32H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	59	9-11-12	79	10-13-15	98	11-14-17	118	12-16-19	137	13-17-21	157	13-18-22	177	14-19-24
20 & 25	X	29	4-6-9	39	5-7-11	49	6-9-13	59	7-10-14	69	7-11-16	79	8-11-17	88	9-12-18
30	X	22	4-6-9	29	5-7-10	37	6-9-12	44	7-10-13	52	7-11-14	59	8-11-15	66	9-13-16
	Y	15	3-5-8	20	4-6-9	25	5-7-10	29	6-7-11	34	6-8-12	39	7-9-13	44	8-9-14
40	X	15	3-5-8	20	4-6-9	25	5-7-10	29	6-7-11	34	6-8-12	39	7-9-13	44	8-9-14

6" Round Inlet (.196 ft.²) on a 9" x 9" Diffuser

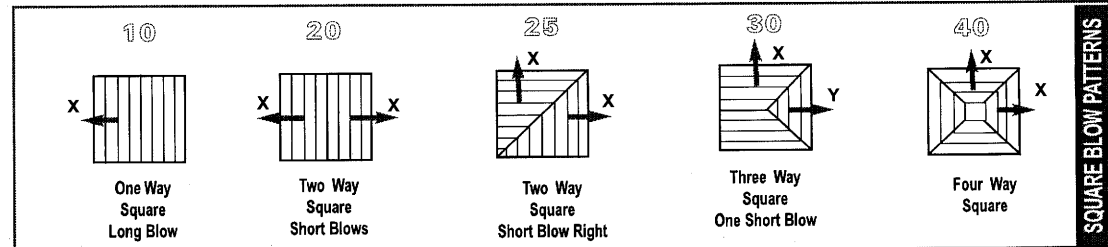
Total cfm Static Pressure Total Pressure NC/RC		59 .005 .011 —		79 .008 .018 —		98 .011 .027 —		118 .014 .036 11/11N		137 .017 .047 13/13N		157 .019 .059 15/15N		177 .023 .073 18/18H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	59	10-11-12	79	11-13-14	98	12-14-15	118	13-15-17	137	13-16-19	157	14-17-20	177	15-18-21
20 & 25	X	29	4-5-8	39	4-6-10	49	5-7-11	59	6-8-13	69	6-9-14	79	7-10-15	88	8-11-16
30	X	22	4-5-7	29	4-7-9	37	5-8-10	44	6-8-11	52	6-9-12	59	7-10-13	66	7-11-14
	Y	15	3-5-7	20	3-6-8	25	4-6-9	29	5-7-10	34	5-8-11	39	6-8-12	44	6-9-13
40	X	15	3-5-7	20	3-6-8	25	4-6-9	29	5-7-10	34	5-8-11	39	6-8-12	44	6-9-13

8" Round Inlet (.349 ft.²) on a 9" x 9" Diffuser

Total cfm Static Pressure Total Pressure NC/RC		105 .023 .029 —		140 .038 .048 11/11N		175 .055 .071 16/15N		209 .076 .098 20/19H		244 .100 .130 25/24H		279 .131 .171 29/28H		314 .147 .197 32/31H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	105	12-14-16	140	14-16-19	175	15-18-21	209	16-20-24	244	17-21-26	279	17-22-28	314	18-23-30
20 & 25	X	52	5-8-12	70	7-9-14	87	8-11-16	105	8-12-18	122	9-13-19	140	10-14-21	157	11-15-22
30	X	39	5-8-10	52	6-9-12	65	7-11-14	79	8-12-16	92	9-13-17	105	10-14-18	118	11-15-20
	Y	26	4-6-10	35	5-8-11	44	6-9-13	52	7-10-14	61	8-11-15	70	9-11-16	79	9-12-17
40	X	26	4-6-10	35	5-8-11	44	6-9-13	52	7-10-14	61	8-11-15	70	9-11-16	79	9-12-17

Neck Size 8" Dia. (.349 ft.²) 12" x 12" Diffuser

Total cfm Static Pressure Total Pressure NC/RC		105 .005 .011 —		140 .008 .018 —		175 .011 .027 10/10N		209 .014 .036 12/12N		244 .017 .047 15/14N		279 .019 .059 17/16N		314 .023 .073 20/19N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	105	14-15-16	140	15-17-19	175	16-19-21	209	17-20-23	244	18-22-25	279	19-23-27	314	20-24-29
20 & 25	X	52	5-7-11	70	6-9-13	87	6-10-15	105	7-11-17	122	8-12-18	140	9-13-20	157	9-14-21
30	X	39	5-7-10	52	6-9-12	65	7-10-14	79	7-11-15	92	8-12-17	105	9-13-18	118	10-14-19
	Y	26	4-6-9	35	5-7-11	44	5-8-12	52	6-10-14	61	7-10-15	70	8-11-16	79	8-12-17
40	X	26	4-6-9	35	5-7-11	44	5-8-12	52	6-10-14	61	7-10-15	70	8-11-16	79	8-12-17



- NOTES:**
- Performance data is based on tests conducted according to ANSI/ASHRAE Standard 70-1991. Actual performance in the field may vary. Testing was conducted in isothermal conditions.
 - The neck velocity is given in Feet Per Minute (FPM).
 - The Static Pressure and Total Pressure are given in inches of water. To arrive at Velocity Pressure, subtract Static Pressure. (P (Total) - P (Static) = P (Velocity)).
 - NC and RC levels are based on a room absorption of 10db re 10-12 watts. A "—" indicates an NC or RC level of less than 10.
 - Throw values are given in feet for terminal velocities of 150, 100 and 50 FPM, respectively.

Sq. & Rect. Louvered Diffusers

SQUARE BLOW PATTERNS

Neck Velocity	300	400	500	600	700	800	900
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Square/Rectangular & Square Louvered & Plaque Face Diffusers

9" Round Inlet (.442 ft.²) on a 9" x 9" Diffuser

Total cfm		133		177		221		265		309		353		398	
Static Pressure		0.038		0.063		0.092		0.127		0.163		0.203		0.248	
Total Pressure		0.044		0.073		0.108		0.149		0.193		0.243		0.298	
NC/RC		—/—		14/13N		20/19H		24/23H		29/27H		33/31H		36/35H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	133	13-16-18	177	15-18-22	221	16-20-24	265	17-22-27	309	18-23-30	353	19-25-32	398	20-26-34
20 & 25	X	66	6-9-13	88	8-11-16	110	9-13-18	133	10-14-20	155	11-15-22	177	12-16-24	199	13-18-26
30	X	50	7-9-12	66	7-11-14	83	8-12-16	99	10-14-18	116	10-15-20	133	11-16-21	149	12-17-23
	Y	33	5-7-11	44	6-9-13	55	7-10-14	66	8-11-16	77	9-12-17	88	10-13-18	99	11-14-19
40	X	33	5-7-11	44	6-9-13	55	7-10-14	66	8-11-16	77	9-12-17	88	10-13-18	99	11-14-19

• Round Neck Performance Data for SK & SE Diffusers

10" Round Inlet (.545 ft.²) on a 12" x 12" Diffuser

Total cfm		164		218		273		327		382		436		491	
Static Pressure		.018		.030		.042		.057		.073		.089		.109	
Total Pressure		.024		.040		.058		.079		.103		.129		.159	
NC/RC		—/—		12/11N		16/15N		20/19N		25/23N		28/27N		32/31N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	164	16-18-21	218	18-21-24	273	19-23-27	327	20-25-30	382	22-26-32	436	23-28-35	491	23-29-37
20 & 25	X	82	6-10-14	109	7-11-17	136	8-13-19	164	10-15-22	191	11-16-24	218	11-17-25	245	12-18-27
30	X	61	6-10-13	82	8-11-16	102	9-13-18	123	10-14-19	143	11-16-21	164	12-17-23	184	13-18-24
	Y	41	5-8-12	55	6-9-14	68	7-11-16	82	8-12-17	95	9-13-19	109	10-14-20	123	11-15-21
40	X	41	5-8-12	55	6-9-14	68	7-11-16	82	8-12-17	95	9-13-19	109	10-14-20	123	11-15-21

10" Round Inlet (.545 ft.²) on a 15" x 15" Diffuser

Total cfm		164		218		273		327		382		436		491	
Static Pressure		.005		.008		.011		.014		.017		.019		.023	
Total Pressure		.011		.018		.027		.036		.047		.059		.073	
NC/RC		—/—		—/—		10/10N		13/13N		16/15N		18/17N		21/20N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	164	17-19-20	218	19-22-23	273	20-24-26	327	21-26-28	382	23-27-31	436	24-29-33	491	25-30-35
20 & 25	X	82	6-9-15	109	7-11-17	136	8-13-19	164	9-14-21	191	10-16-23	218	11-17-25	245	12-18-27
30	X	61	6-9-13	82	7-10-16	102	8-12-17	123	9-13-19	143	10-15-21	164	11-16-22	184	12-17-24
	Y	41	5-8-12	55	6-9-14	68	7-10-15	82	8-12-17	95	9-12-18	109	10-13-19	123	10-14-21
40	X	41	5-8-12	55	6-9-14	68	7-10-15	82	8-12-17	95	9-12-18	109	10-13-19	123	10-14-21

12" Round Inlet (.785 ft.²) on a 12" x 12" Diffuser

Total cfm		236		314		393		471		550		628		707	
Static Pressure		.038		.063		.092		.127		.163		.203		.248	
Total Pressure		.044		.073		.108		.149		.193		.243		.298	
NC/RC		10/10N		16/15N		22/20N		26/25N		30/29N		34/33N		38/37H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	236	18-21-25	314	20-24-29	393	22-27-33	471	23-29-36	550	24-30-39	628	26-32-42	707	27-34-45
20 & 25	X	118	8-12-18	157	9-14-21	196	11-16-24	236	12-18-27	275	13-20-29	314	14-21-31	353	16-23-34
30	X	88	8-12-16	118	10-14-19	147	11-16-22	177	12-18-24	206	14-20-26	236	15-21-28	265	16-23-30
	Y	59	7-10-14	79	8-12-17	98	10-13-19	118	11-15-21	137	12-16-22	157	13-17-24	177	15-18-26
40	X	59	7-10-14	79	8-12-17	98	10-13-19	118	11-15-21	137	12-16-22	157	13-17-24	177	15-18-26

12" Round Inlet (.785 ft.²) on a 15" x 15" Diffuser

Total cfm		236		314		393		471		550		628		707	
Static Pressure		.015		.024		.034		.047		.059		.071		.088	
Total Pressure		.021		.034		.050		.069		.089		.111		.138	
NC/RC		—/—		12/11N		15/14N		19/18N		23/23N		28/27N		31/30N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	236	19-22-24	314	21-25-28	393	23-27-31	471	24-30-35	550	26-32-38	628	27-33-40	707	28-35-43
20 & 25	X	118	7-12-18	157	9-14-21	196	10-16-24	236	11-18-26	275	12-19-28	314	14-21-30	353	15-22-33
30	X	88	8-11-16	118	9-13-19	147	10-15-21	177	12-17-23	206	13-18-25	236	14-19-27	265	15-21-29
	Y	59	6-10-14	79	8-11-16	98	9-13-18	118	10-14-20	137	11-15-22	157	12-16-23	177	13-18-25
40	X	59	6-10-14	79	8-11-16	98	9-13-18	118	10-14-20	137	11-15-22	157	12-16-23	177	13-18-25

12" Round Inlet (.785 ft.²) on a 18" x 18" Diffuser

Total cfm		236		314		393		471		550		628		707	
Static Pressure		.005		.008		.011		.014		.017		.019		.023	
Total Pressure		.011		.018		.027		.036		.047		.059		.073	
NC		—/—		—/—		11/11N		14/13N		16/16N		19/18N		22/21N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	236	20-22-23	314	23-26-27	393	25-28-30	471	27-30-33	550	28-32-36	628	29-34-39	707	30-35-42
20 & 25	X	118	8-12-18	157	9-14-20	196	10-16-23	236	12-17-25	275	13-19-28	314	14-20-30	353	15-22-31
30	X	88	8-10-15	118	9-11-17	147	10-14-20	177	11-15-22	206	12-17-24	236	13-18-26	265	14-19-28
	Y	59	6-9-14	79	7-11-16	98	9-12-18	118	10-14-20	137	11-15-22	157	12-16-23	177	13-17-24
40	X	59	6-9-14	79	7-11-16	98	9-12-18	118	10-14-20	137	11-15-22	157	12-16-23	177	13-17-24

NOTES: — Performance data is based on tests conducted according to ANSI/ASHRAE Standard 70-1991. Actual performance in the field may vary. Testing was conducted in isothermal conditions.
 — The neck velocity is given in Feet Per Minute (FPM).
 — The Static Pressure and Total Pressure are given in inches of water. To arrive at Velocity Pressure, subtract Static Pressure. (P (Total) - P (Static) = P (Velocity)).
 — NC and RC levels are based on a room absorption of 10db re 10-12 watts. A "—" indicates an NC or RC level of less than 70.
 — Throw values are given in feet for terminal velocities of 150, 100 and 50 FPM, respectively.

SQUARE BLOW PATTERNS

10
One Way Square Long Blow

20
Two Way Square Short Blows

25
Two Way Square Short Blow Right

30
Three Way Square One Short Blow

40
Four Way Square

Sq. & Rect. Louvered Diffusers

Square/Rectangular & Square Louvered & Plaque Face Diffusers

• Round Neck Performance Data for SK & SE Diffusers

Neck Velocity	300	400	500	600	700	800	900
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14" Round Inlet (1.069 ft.²) on a 15" x 15" Diffuser

Total cfm		321		428		535		641		748		855		962	
Static Pressure		.029		.046		.069		.095		.120		.150		.182	
Total Pressure		.035		.056		.085		.117		.150		.190		.232	
NC/RC		11/10N		15/14N		20/19N		25/25N		29/28N		33/32N		37/36N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	321	21-25-28	428	23-29-33	535	25-31-37	641	27-33-41	748	28-35-44	855	30-38-48	962	32-39-51
20 & 25	X	160	9-14-21	214	11-17-25	267	12-19-28	321	14-21-31	374	15-23-34	428	16-25-36	481	18-27-38
30	X	120	9-13-19	160	11-16-22	200	13-18-26	241	14-20-27	281	15-22-30	321	17-24-32	361	18-26-34
	Y	80	8-11-17	107	10-13-19	134	11-15-22	160	12-17-24	187	14-18-26	214	15-19-27	241	16-21-29
40	X	80	8-11-17	107	10-13-19	134	11-15-22	160	12-17-24	187	14-18-26	214	15-19-27	241	16-21-29

14" Round Inlet (1.069 ft.²) on a 18" x 18" Diffuser

Total cfm		321		428		535		641		748		855		962	
Static Pressure		.013		.021		.029		.039		.051		.062		.073	
Total Pressure		.019		.031		.045		.061		.081		.102		.123	
NC/RC		—		12/12N		15/15N		19/19N		23/22N		27/27N		31/30N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	321	24-26-27	428	26-29-32	535	28-32-36	641	29-34-40	748	31-36-43	855	32-38-46	962	33-40-49
20 & 25	X	160	9-14-21	214	11-16-24	267	13-19-27	321	14-21-30	374	15-23-32	428	17-24-35	481	18-26-37
30	X	120	9-12-18	160	11-14-21	200	12-16-24	241	14-18-26	281	15-20-28	321	16-22-30	361	17-24-32
	Y	80	8-11-16	107	9-13-19	134	11-15-21	160	12-16-23	187	13-18-25	214	14-19-27	241	15-20-29
40	X	80	8-11-16	107	9-13-19	134	11-15-21	160	12-16-23	187	13-18-25	214	14-19-27	241	15-20-29

16" Round Inlet (1.396 ft.²) on a 18" x 18" Diffuser

Total cfm		419		559		698		838		977		1117		1257	
Static Pressure		.023		.038		.055		.076		.100		.131		.147	
Total Pressure		.029		.048		.071		.098		.130		.171		.197	
NC/RC		10/10N		15/14N		19/18N		24/23N		29/28N		32/31N		38/35N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	419	26-29-31	559	28-32-37	698	30-35-41	838	32-38-46	977	34-40-50	1117	35-42-53	1257	36-44-57
20 & 25	X	209	11-16-24	279	13-19-28	349	15-22-31	419	17-24-34	489	18-26-37	559	20-28-40	628	21-30-42
30	X	157	11-14-21	209	13-17-24	262	14-19-27	314	16-22-30	367	17-24-33	419	19-26-35	471	20-28-38
	Y	105	9-13-19	140	11-15-22	175	12-17-24	209	14-19-27	244	15-21-29	279	17-22-31	314	18-24-33
40	X	105	9-13-19	140	11-15-22	175	12-17-24	209	14-19-27	244	15-21-29	279	17-22-31	314	18-24-33

18" Round Inlet (1.7672 ft.²) on a 18" x 18" Diffuser

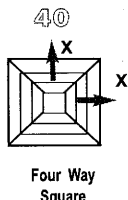
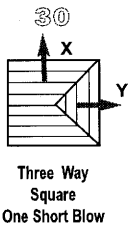
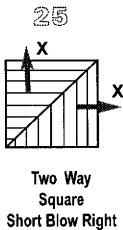
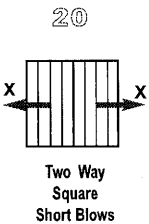
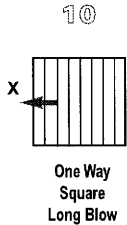
Total cfm		530		707		884		1060		1237		1414		1590	
Static Pressure		0.038		0.063		0.092		0.127		0.163		0.203		0.248	
Total Pressure		0.044		0.073		0.108		0.149		0.193		0.243		0.298	
NC/RC		12/12N		18/17N		23/23N		28/26N		32/31N		37/35N		40/39H	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	530	28-32-36	707	30-35-42	884	32-39-47	1060	34-41-52	1237	35-44-56	1414	38-46-60	1590	39-48-64
20 & 25	X	265	13-19-27	353	15-22-31	442	17-25-35	530	19-27-39	619	21-30-42	707	23-32-45	795	25-35-48
30	X	199	12-16-23	265	14-20-27	331	16-22-31	398	18-25-34	464	20-28-37	530	22-30-40	596	23-32-46
	Y	133	10-15-21	177	13-17-24	221	15-19-27	265	16-21-30	309	18-23-32	353	20-25-35	398	21-26-37
40	X	133	10-15-21	177	13-17-24	221	15-19-27	265	16-21-30	309	18-23-32	353	20-25-35	398	21-26-37

20" Round Inlet (2.1817 ft.²) on a 21" x 21" Diffuser

Total cfm		654		873		1091		1309		1527		1745		1963	
Static Pressure		0.031		0.051		0.075		0.102		0.132		0.165		0.202	
Total Pressure		0.037		0.061		0.091		0.124		0.162		0.205		0.252	
NC/RC		12/12R		17/16R		22/21N		28/27N		32/31N		36/35N		40/38N	
Blow Ptn	Side	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw	ea. cfm	throw
10	X	654	30-35-40	873	33-39-46	1091	35-43-52	1309	38-46-57	1527	40-48-62	1745	41-51-66	1963	43-53-70
20 & 25	X	327	14-20-31	436	16-24-36	545	19-27-40	654	21-30-43	764	23-32-47	873	25-35-50	982	27-37-53
30	X	245	13-18-26	327	15-22-31	409	17-25-34	491	19-28-38	573	21-30-41	654	23-33-44	736	26-35-47
	Y	164	12-16-23	218	14-18-27	273	16-21-30	327	18-23-33	382	20-25-36	436	21-27-38	491	23-29-40
40	X	164	12-16-23	218	14-18-27	273	16-21-30	327	18-23-33	382	20-25-36	436	21-27-38	491	23-29-40

NOTES: — Performance data is based on tests conducted according to ANSI/ASHRAE Standard 70-1991. Actual performance in the field may vary. Testing was conducted in isothermal conditions.
 — The neck velocity is given in Feet Per Minute (FPM).
 — The Static Pressure and Total Pressure are given in inches of water. To arrive at Velocity Pressure, subtract Static Pressure. (P (Total) - P (Static) = P (Velocity)).
 — NC and RC levels are based on a room absorption of 10db re 10-12 watts. A "—" indicates an NC or RC level of less than 10.
 — Throw values are given in feet for terminal velocities of 150, 100 and 50 FPM, respectively.

SQUARE BLOW PATTERNS



Sq. & Rect. Louvered Diffusers