

S300F, US300F, S301F AND US301F SUPPLY WITH NO EXTRACTOR
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area sq. ft	Core Area sq. ft	Core Velocity, (fpm)		300	400	500	600	700	800	1000	1200	1400	
			Velocity Pressure		0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.090	0.122	
			Total	0°	0.016	0.029	0.046	0.066	0.090	0.117	0.183	0.263	0.358	
			Pressure	22.5°	0.018	0.033	0.051	0.074	0.100	0.131	0.204	0.294	0.401	
			45°	0.028	0.049	0.077	0.111	0.152	0.198	0.309	0.445	0.606		
10x3	0.21	0.14	Airflow, cfm		42	56	70	84	98	112	140	168	196	
			NC		-	-	-	14	19	23	29	35	40	
			Throw (Ft.)	0°	3-6-8	4-7-10	5-8-11	6-8-12	7-9-13	8-10-14	9-11-15	10-12-17	10-13-18	
				22.5°	2-5-6	3-5-7	4-6-8	5-6-9	6-7-10	7-8-11	7-8-12	7-9-13	8-10-14	
			45°	1-3-4	2-3-4	2-3-5	3-4-5	3-4-6	4-4-6	4-5-7	4-5-8	5-6-8		
12x3	0.25	0.18	Airflow, cfm		54	72	90	108	126	144	180	216	252	
			NC		-	-	-	15	20	24	31	36	41	
			Throw (Ft.)	0°	5-7-9	6-8-11	7-9-12	8-9-13	8-10-14	9-11-15	10-12-17	11-13-19	12-14-20	
				22.5°	4-5-7	5-6-8	5-7-9	6-7-10	6-8-11	7-8-12	8-9-13	8-10-15	9-11-16	
			45°	2-3-4	3-3-5	3-4-5	3-4-6	4-5-7	4-5-7	4-5-8	5-6-9	5-7-9		
10x4 14x3	0.28	0.21	Airflow, cfm		63	84	105	126	147	168	210	252	294	
			NC		-	-	-	16	21	25	31	37	41	
			Throw (Ft.)	0°	5-7-10	7-8-12	8-9-13	8-10-14	9-11-16	10-12-17	11-13-19	12-14-20	13-16-22	
				22.5°	4-6-8	5-6-9	6-7-10	6-8-11	7-9-12	7-9-13	8-10-14	9-11-16	10-12-17	
			45°	2-3-5	3-4-5	3-4-6	4-5-7	4-5-7	4-5-8	5-6-8	5-7-9	6-7-10		
16x3 12x4	0.33	0.25	Airflow, cfm		75	100	125	150	175	200	250	300	350	
			NC		-	-	-	17	21	25	32	37	42	
			Throw (Ft.)	0°	5-8-11	7-9-13	8-10-14	9-11-16	10-12-17	11-13-18	12-14-20	13-16-22	14-17-24	
				22.5°	4-6-9	6-7-10	6-8-11	7-9-12	8-9-13	8-10-14	9-11-16	10-12-17	11-13-19	
			45°	2-4-5	3-4-6	4-5-6	4-5-7	4-5-8	5-6-8	5-6-9	6-7-10	6-8-11		
18x3 14x4	0.38	0.27	Airflow, cfm		81	108	135	162	189	216	270	324	378	
			NC		-	-	-	17	22	26	32	38	42	
			Throw (Ft.)	0°	6-8-12	8-9-13	9-11-15	9-12-16	10-13-18	11-13-19	12-15-21	13-16-23	14-18-25	
				22.5°	4-6-9	6-7-10	7-8-12	7-9-13	8-10-14	8-10-15	9-12-16	10-13-18	11-14-19	
			45°	2-4-5	3-4-6	4-5-7	4-5-7	5-6-8	5-6-9	5-7-10	6-7-10	7-8-11		
10x6 20x3	0.42	0.3	Airflow, cfm		90	120	150	180	210	240	300	360	420	
			NC		-	-	-	17	22	26	33	38	43	
			Throw (Ft.)	0°	6-9-12	8-10-14	9-11-16	10-12-17	11-13-19	12-14-20	13-16-22	14-17-24	15-19-26	
				22.5°	5-7-9	6-8-11	7-9-12	8-9-13	8-10-14	9-11-15	10-12-17	11-13-19	12-14-20	
			45°	3-4-5	4-4-6	4-5-7	4-5-8	5-6-8	5-6-9	6-7-10	6-8-11	7-8-12		
16x4 22x3	0.44	0.34	Airflow, cfm		102	136	170	204	238	272	340	408	476	
			NC		-	-	-	18	23	27	33	39	43	
			Throw (Ft.)	0°	6-9-13	9-11-15	10-12-17	11-13-18	11-14-20	12-15-21	14-17-24	15-18-26	16-20-28	
				22.5°	5-7-10	7-8-12	8-9-13	8-10-14	9-11-15	9-12-16	11-13-18	12-14-20	13-15-22	
			45°	3-4-6	4-5-7	4-5-8	5-6-8	5-6-9	6-7-10	6-8-11	7-8-12	7-9-13		
24x3 12x6 18x4 26x3	0.50	0.39	Airflow, cfm		117	156	195	234	273	312	390	468	546	
			NC		-	-	-	18	23	27	34	39	44	
			Throw (Ft.)	0°	7-10-14	9-11-16	10-13-18	11-14-20	12-15-21	13-16-23	15-18-25	16-20-28	17-21-30	
				22.5°	5-8-11	7-9-12	8-10-14	9-11-15	10-12-16	10-12-18	11-14-20	12-15-22	13-16-23	
			45°	3-4-6	4-5-7	5-6-8	5-6-9	6-7-10	6-7-10	7-8-11	7-9-13	8-10-14		
14x6 20x4 28x3	0.56	0.43	Airflow, cfm		129	172	215	258	301	344	430	516	602	
			NC		-	-	-	19	24	27	34	40	44	
			Throw (Ft.)	0°	7-10-15	10-12-17	11-13-19	12-15-21	13-16-22	14-17-24	15-19-27	17-21-29	18-22-32	
				22.5°	5-8-11	8-9-13	8-10-15	9-11-16	10-12-17	11-13-18	12-15-21	13-16-23	14-17-24	
			45°	3-5-7	4-5-8	5-6-8	5-7-9	6-7-10	6-8-11	7-8-12	8-9-13	8-10-14		
22x4 30x3	0.61	0.48	Airflow, cfm		144	192	240	288	336	384	480	576	672	
			NC		-	-	-	19	24	28	35	40	45	
			Throw (Ft.)	0°	7-11-15	10-13-18	12-14-20	13-15-22	14-17-24	15-18-25	16-20-28	18-22-31	19-24-33	
				22.5°	6-8-12	8-10-14	9-11-15	10-12-17	11-13-18	11-14-20	13-15-22	14-17-24	15-18-26	
			45°	3-5-7	5-6-8	5-6-9	6-7-10	6-8-11	7-8-11	7-9-13	8-10-14	9-11-15		
32x3 24x4 16x6 12x8	0.67	0.52	Airflow, cfm		156	208	260	312	364	416	520	624	728	
			NC		-	-	-	14	20	24	28	35	40	45
			Throw (Ft.)	0°	8-11-16	11-13-19	12-15-21	13-16-23	14-17-25	15-19-26	17-21-29	19-23-32	20-25-35	
				22.5°	6-9-12	8-10-14	9-11-16	10-12-18	11-13-19	12-14-20	13-16-23	14-18-25	16-19-27	
			45°	3-5-7	5-6-8	5-7-9	6-7-10	6-8-11	7-8-12	8-9-13	8-10-14	9-11-16		

- Performance data based on actual application conditions - direct duct mounted grille, 90° to airflow with no ceiling
- Terminal velocities are shown for 150, 100 and 50 fpm. Throw data is without a ceiling.
- All pressures are given in inches of water
- 0°, 22.5° and 45° represent blade deflection angles

- Performance data based on duct sizes in bold, the performance varies slightly for duct sizes not shown in bold
- When selecting larger supply grilles for cooling purposes, see the topic, "Procedure to Obtain Catalog Throw Data" in the section, Engineering Guidelines of this catalog

S300F, US300F, S301F AND US301F SUPPLY WITH NO EXTRACTOR
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area sq. ft	Core Area sq. ft	Core Velocity, (fpm)		300	400	500	600	700	800	1000	1200	1400
			Velocity Pressure		0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.090	0.122
			Total Pressure	0°	0.016	0.029	0.046	0.066	0.090	0.117	0.183	0.263	0.358
26x4 10x10 34x3	0.69	0.59	Airflow, cfm		177	236	295	354	413	472	590	708	826
			NC		-	-	15	20	25	29	35	41	46
			Throw (Ft.)	0°	8-12-17	11-14-20	13-16-22	14-17-24	15-18-26	16-20-28	18-22-31	20-24-34	21-26-37
				22.5°	6-9-13	9-11-15	10-12-17	11-13-19	12-14-20	13-15-22	14-17-24	15-19-27	17-20-29
			45°	4-5-8	5-6-9	6-7-10	6-8-11	7-8-12	7-9-13	8-10-14	9-11-15	10-12-17	
28x4 18x6 36x3	0.75	0.63	Airflow, cfm		189	252	315	378	441	504	630	756	882
			NC		-	-	15	20	25	29	36	41	46
			Throw (Ft.)	0°	8-13-18	12-14-20	13-16-23	14-18-25	16-19-27	17-20-29	19-23-32	20-25-35	22-27-38
				22.5°	7-10-14	9-11-16	10-13-18	11-14-19	12-15-21	13-16-22	14-18-25	16-19-27	17-21-30
			45°	4-6-8	5-7-9	6-7-10	7-8-11	7-9-12	8-9-13	8-10-15	9-11-16	10-12-17	
20x6 12x10 30x4	0.83	0.66	Airflow, cfm		198	264	330	396	462	528	660	792	924
			NC		-	-	15	21	25	29	36	41	46
			Throw (Ft.)	0°	9-13-18	12-15-21	13-17-23	15-18-26	16-20-28	17-21-30	19-23-33	21-26-36	23-28-39
				22.5°	7-10-14	9-11-16	10-13-18	11-14-20	12-15-21	13-16-23	15-18-26	16-20-28	18-21-30
			45°	4-6-8	5-7-9	6-7-10	7-8-12	7-9-12	8-9-13	9-11-15	9-12-16	10-12-18	
32x4	0.89	0.71	Airflow, cfm		213	284	355	426	497	568	710	852	994
			NC		-	-	16	21	26	30	36	42	46
			Throw (Ft.)	0°	9-13-19	13-15-22	14-17-24	15-19-27	17-20-29	18-22-31	20-24-34	22-27-38	23-29-41
				22.5°	7-10-15	10-12-17	11-13-19	12-15-21	13-16-22	14-17-24	15-19-27	17-21-29	18-22-31
			45°	4-6-8	6-7-10	6-8-11	7-8-12	7-9-13	8-10-14	9-11-15	10-12-17	11-13-18	
24x6 18x8 12x12 36x4	1.00	0.88	Airflow, cfm		264	352	440	528	616	704	880	1056	1232
			NC		-	-	16	22	26	30	37	43	47
			Throw (Ft.)	0°	10-15-21	14-17-24	16-19-27	17-21-30	18-23-32	20-24-34	22-27-38	24-30-42	26-32-45
				22.5°	8-11-16	11-13-19	12-15-21	13-16-23	14-18-25	15-19-26	17-21-30	19-23-32	20-25-35
			45°	4-7-9	6-8-11	7-9-12	8-9-13	8-10-14	9-11-15	10-12-17	11-13-19	12-14-20	
30x6 18x10	1.25	1.11	Airflow, cfm		333	444	555	666	777	888	1110	1332	1554
			NC		-	11	17	23	27	31	38	44	48
			Throw (Ft.)	0°	11-17-23	16-19-27	18-21-30	19-23-33	21-25-36	22-27-38	25-30-43	27-33-47	29-36-51
				22.5°	9-13-18	12-15-21	14-17-23	15-18-26	16-20-28	17-21-30	19-23-33	21-26-36	23-28-39
			45°	5-7-11	7-9-12	8-10-14	9-11-15	9-11-16	10-12-17	11-14-19	12-15-21	13-16-23	
36x6 18x12	1.50	1.35	Airflow, cfm		405	540	675	810	945	1080	1350	1620	1890
			NC		-	12	18	24	28	32	39	44	49
			Throw (Ft.)	0°	12-18-26	17-21-30	19-24-33	21-26-37	23-28-40	24-30-42	27-33-47	30-37-52	32-40-56
				22.5°	10-14-20	13-16-23	15-18-26	16-20-28	18-22-31	19-23-33	21-26-37	23-28-40	25-31-43
			45°	6-8-12	8-10-13	9-11-15	10-12-16	10-13-18	11-13-19	12-15-21	13-16-23	15-18-25	
30x8 24x10	1.67	1.49	Airflow, cfm		447	596	745	894	1043	1192	1490	1788	2086
			NC		-	12	19	24	29	33	39	45	49
			Throw (Ft.)	0°	13-19-27	18-22-31	20-25-35	22-27-38	24-29-42	26-31-44	29-35-50	31-38-54	34-42-59
				22.5°	10-15-21	14-17-24	16-19-27	17-21-30	19-23-32	20-24-34	22-27-38	24-30-42	26-32-46
			45°	6-9-12	8-10-14	9-11-16	10-12-17	11-13-19	12-14-20	13-16-22	14-17-24	15-19-26	
36x8 24x12	2.00	1.82	Airflow, cfm		546	728	910	1092	1274	1456	1820	2184	2548
			NC		-	13	19	25	30	34	40	46	50
			Throw (Ft.)	0°	14-21-30	20-25-35	22-27-39	25-30-43	27-32-46	28-35-49	32-39-55	35-43-60	38-46-65
				22.5°	11-16-23	16-19-27	17-21-30	19-23-33	21-25-36	22-27-38	25-30-43	27-33-47	29-36-50
			45°	6-10-14	9-11-16	10-12-17	11-14-19	12-15-21	13-16-22	14-17-25	16-19-27	17-21-29	
36x10 30x12	2.50	2.29	Airflow, cfm		687	916	1145	1374	1603	1832	2290	2748	3206
			NC		-	14	20	26	30	34	41	47	51
			Throw (Ft.)	0°	16-24-34	22-28-39	25-31-44	28-34-48	30-36-52	32-39-55	36-44-62	39-48-67	42-52-73
				22.5°	12-18-26	17-21-30	19-24-34	21-26-37	23-28-40	25-30-43	28-34-48	30-37-52	33-40-56
			45°	7-11-15	10-12-18	11-14-20	12-15-21	13-16-23	14-18-25	16-20-28	18-21-30	19-23-33	
36x12	3.00	2.75	Airflow, cfm		825	1100	1375	1650	1925	2200	2750	3300	3850
			NC		-	15	21	27	31	35	42	47	52
			Throw (Ft.)	0°	18-26-37	25-30-43	28-34-48	30-37-52	33-40-56	35-43-60	39-48-67	43-52-74	46-56-80
				22.5°	14-20-29	19-23-33	21-26-37	23-29-41	25-31-44	27-33-47	30-37-52	33-41-57	36-44-62
			45°	8-12-17	11-14-19	12-15-21	14-17-24	15-18-25	16-19-27	18-21-30	19-24-33	21-25-36	

- Performance data based on actual application conditions - direct duct mounted grille, 90° to airflow with no ceiling
- Terminal velocities are shown for 150, 100 and 50 fpm. Throw data is without a ceiling.
- All pressures are given in inches of water
- 0°, 22.5° and 45° represent blade deflection angles
- Performance data based on duct sizes in bold, the performance varies slightly for duct sizes not shown in bold
- When selecting larger supply grilles for cooling purposes, see the topic, "Procedure to Obtain Catalog Throw Data" in the section, Engineering Guidelines of this catalog

S300F, US300F, S301F AND US301F SUPPLY WITH EXTRACTOR SET AT 45° ANGLE
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD

Nominal Duct Size (in.)	Nominal Duct Area sq. ft	Core Area sq. ft	Core Velocity, (fpm)		300	400	500	600	700	800	1000	1200
			Velocity Pressure		0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.090
			Total Pressure	0°	0.033	0.058	0.091	0.132	0.179	0.234	0.365	0.526
			22.5°	0.037	0.065	0.102	0.147	0.200	0.262	0.409	0.589	
			45°	0.056	0.099	0.155	0.223	0.303	0.396	0.618	0.891	
10x3	0.21	0.14	Airflow, cfm		42	56	70	84	98	112	140	168
			NC		-	-	13	18	23	27	33	39
			Throw (Ft.)	0°	3-6-8	4-7-10	5-8-11	6-8-12	7-9-13	8-10-14	9-11-15	10-12-17
			22.5°	2-5-6	3-5-7	4-6-8	5-6-9	5-7-10	6-7-11	7-8-12	7-9-13	
			45°	1-3-4	2-3-4	2-3-5	3-4-5	3-4-6	4-4-6	4-5-7	4-5-8	
12x3	0.25	0.18	Airflow, cfm		54	72	90	108	126	144	180	216
			NC		-	-	14	19	24	28	35	40
			Throw (Ft.)	0°	5-7-9	6-8-11	7-9-12	8-9-13	8-10-14	9-11-15	10-12-17	11-13-19
			22.5°	4-5-7	5-6-8	5-7-9	6-7-10	6-8-11	7-8-12	8-9-13	8-10-15	
			45°	2-3-4	3-3-5	3-4-5	3-4-6	4-5-7	4-5-7	4-5-8	5-6-9	
10x4 14x3	0.28	0.21	Airflow, cfm		63	84	105	126	147	168	210	252
			NC		-	-	14	20	25	29	35	41
			Throw (Ft.)	0°	5-7-10	7-8-12	8-9-13	8-10-14	9-11-16	10-12-17	11-13-19	12-14-20
			22.5°	4-6-8	5-6-9	6-7-10	6-8-11	7-9-12	7-9-13	8-10-14	9-11-16	
			45°	2-3-5	3-4-5	3-4-6	4-5-7	4-5-7	4-5-8	5-6-8	5-7-9	
16x3 12x4	0.33	0.25	Airflow, cfm		75	100	125	150	175	200	250	300
			NC		-	-	15	21	25	29	36	41
			Throw (Ft.)	0°	5-8-11	7-9-13	8-10-14	9-11-16	10-12-17	11-13-18	12-14-20	13-16-22
			22.5°	4-6-9	6-7-10	6-8-11	7-9-12	8-9-13	8-10-14	9-11-16	10-12-17	
			45°	2-4-5	3-4-6	4-5-6	4-5-7	4-5-8	5-6-8	5-6-9	6-7-10	
18x3 14x4	0.38	0.27	Airflow, cfm		81	108	135	162	189	216	270	324
			NC		-	-	16	21	26	30	36	42
			Throw (Ft.)	0°	6-8-12	8-9-13	9-11-15	9-12-16	10-13-18	11-13-19	12-15-21	13-16-23
			22.5°	4-6-9	6-7-10	7-8-12	7-9-13	8-10-14	8-10-15	9-12-16	10-13-18	
			45°	2-4-5	3-4-6	4-5-7	4-5-7	5-6-8	5-6-9	5-7-10	6-7-10	
10x6 20x3	0.42	0.3	Airflow, cfm		90	120	150	180	210	240	300	360
			NC		-	-	16	21	26	30	37	42
			Throw (Ft.)	0°	6-9-12	8-10-14	9-11-16	10-12-17	11-13-19	12-14-20	13-16-22	14-17-24
			22.5°	5-7-9	6-8-11	7-9-12	8-9-13	8-10-14	9-11-15	10-12-17	11-13-19	
			45°	3-4-5	4-4-6	4-5-7	4-5-8	5-6-8	5-6-9	6-7-10	6-8-11	
16x4 22x3	0.44	0.34	Airflow, cfm		102	136	170	204	238	272	340	408
			NC		-	-	16	22	27	31	37	43
			Throw (Ft.)	0°	6-9-13	9-11-15	10-12-17	11-13-18	11-14-20	12-15-21	14-17-24	15-18-26
			22.5°	5-7-10	7-8-12	8-9-13	8-10-14	9-11-15	9-12-16	11-13-18	12-14-20	
			45°	3-4-6	4-5-7	4-5-8	5-6-8	5-6-9	6-7-10	6-8-11	7-8-12	
24x3 12x6 18x4 26x3	0.50	0.39	Airflow, cfm		117	156	195	234	273	312	390	468
			NC		-	-	17	22	27	31	38	43
			Throw (Ft.)	0°	7-10-14	9-11-16	10-13-18	11-14-20	12-15-21	13-16-23	15-18-25	16-20-28
			22.5°	5-8-11	7-9-12	8-10-14	9-11-15	10-12-16	10-12-18	11-14-20	12-15-22	
			45°	3-4-6	4-5-7	5-6-8	5-6-9	6-7-10	6-7-10	7-8-11	7-9-13	
14x6 20x4 28x3	0.56	0.43	Airflow, cfm		129	172	215	258	301	344	430	516
			NC		-	11	17	23	28	31	38	44
			Throw (Ft.)	0°	7-10-15	10-12-17	11-13-19	12-15-21	13-16-22	14-17-24	15-19-27	17-21-29
			22.5°	5-8-11	8-9-13	8-10-15	9-11-16	10-12-17	11-13-18	12-15-21	13-16-23	
			45°	3-5-7	4-5-8	5-6-8	5-7-9	6-7-10	6-8-11	7-8-12	8-9-13	
22x4 30x3	0.61	0.48	Airflow, cfm		144	192	240	288	336	384	480	576
			NC		-	11	18	23	28	32	39	44
			Throw (Ft.)	0°	7-11-15	10-13-18	12-14-20	13-15-22	14-17-24	15-18-25	16-20-28	18-22-31
			22.5°	6-8-12	8-10-14	9-11-15	10-12-17	11-13-18	11-14-20	13-15-22	14-17-24	
			45°	3-5-7	5-6-8	5-6-9	6-7-10	6-8-11	7-8-11	7-9-13	8-10-14	
32x3 24x4 16x6 12x8	0.67	0.52	Airflow, cfm		156	208	260	312	364	416	520	624
			NC		-	12	18	24	28	32	39	44
			Throw (Ft.)	0°	8-11-16	11-13-19	12-15-21	13-16-23	14-17-25	15-19-26	17-21-29	19-23-32
			22.5°	6-9-12	8-10-14	9-11-16	10-12-18	11-13-19	12-14-20	13-16-23	14-18-25	
			45°	3-5-7	5-6-8	5-7-9	6-7-10	6-8-11	7-8-12	8-9-13	8-10-14	

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- All pressures are given in inches of water
- 0°, 22.5° and 45° represent blade deflection angles
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S300F, US300F, S301F AND US301F SUPPLY WITH EXTRACTOR SET AT 45° ANGLE
PERFORMANCE BASED ON NOMINAL SIZES SHOWN IN BOLD.

Nominal Duct Size (in.)	Nominal Duct Area sq. ft	Core Area sq. ft	Core Velocity, (fpm)		300	400	500	600	700	800	1000	1200
			Velocity Pressure		0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.090
			Total Pressure	0°	0.033	0.058	0.091	0.132	0.179	0.234	0.365	0.526
			22.5°	0.037	0.065	0.102	0.147	0.200	0.262	0.409	0.589	
			45°	0.056	0.099	0.155	0.223	0.303	0.396	0.618	0.891	
26x4 10x10 34x3	0.69	0.59	Airflow, cfm		177	236	295	354	413	472	590	708
			NC		-	12	19	24	29	33	39	45
			Throw (Ft.)	0°	8-12-17	11-14-20	13-16-22	14-17-24	15-18-26	16-20-28	18-22-31	20-24-34
			22.5°	6-9-13	9-11-15	10-12-17	11-13-19	12-14-20	13-15-22	14-17-24	15-19-27	
			45°	4-5-8	5-6-9	6-7-10	6-8-11	7-8-12	7-9-13	8-10-14	9-11-15	
28x4 18x6 36x3	0.75	0.63	Airflow, cfm		189	252	315	378	441	504	630	756
			NC		-	12	19	24	29	33	40	45
			Throw (Ft.)	0°	8-13-18	12-14-20	13-16-23	14-18-25	16-19-27	17-20-29	19-23-32	20-25-35
			22.5°	7-10-14	9-11-16	10-13-18	11-14-19	12-15-21	13-16-22	14-18-25	16-19-27	
			45°	4-6-8	5-7-9	6-7-10	7-8-11	7-9-12	8-9-13	8-10-15	9-11-16	
20x6 12x10 30x4	0.83	0.66	Airflow, cfm		198	264	330	396	462	528	660	792
			NC		-	13	19	25	29	33	40	45
			Throw (Ft.)	0°	9-13-18	12-15-21	13-17-23	15-18-26	16-20-28	17-21-30	19-23-33	21-26-36
			22.5°	7-10-14	9-11-16	10-13-18	11-14-20	12-15-21	13-16-23	15-18-26	16-20-28	
			45°	4-6-8	5-7-9	6-7-11	7-8-12	7-9-12	8-9-13	9-11-15	9-12-16	
32x4	0.89	0.71	Airflow, cfm		213	284	355	426	497	568	710	852
			NC		-	13	20	25	30	34	40	46
			Throw (Ft.)	0°	9-13-19	13-15-22	14-17-24	15-19-27	17-20-29	18-22-31	20-24-34	22-27-38
			22.5°	7-10-15	10-12-17	11-13-19	12-15-21	13-16-22	14-17-24	15-19-27	17-21-29	
			45°	4-6-8	6-7-10	6-8-11	7-8-12	7-9-13	8-10-14	9-11-15	10-12-17	
24x6 18x8 12x12 36x4	1.00	0.88	Airflow, cfm		264	352	440	528	616	704	880	1056
			NC		-	14	20	26	30	34	41	47
			Throw (Ft.)	0°	10-15-21	14-17-24	16-19-27	17-21-30	18-23-32	20-24-34	22-27-38	24-30-42
			22.5°	8-11-16	11-13-19	12-15-21	13-16-23	14-18-25	15-19-26	17-21-30	19-23-32	
			45°	4-7-9	6-8-11	7-9-12	8-9-13	8-10-14	9-11-15	10-12-17	11-13-19	
30x6 18x10	1.25	1.11	Airflow, cfm		333	444	555	666	777	888	1110	1332
			NC		-	15	21	27	31	35	42	48
			Throw (Ft.)	0°	11-17-23	16-19-27	18-21-30	19-23-33	21-25-36	22-27-38	25-30-43	27-33-47
			22.5°	9-13-18	12-15-21	14-17-23	15-18-26	16-20-28	17-21-30	19-23-33	21-26-36	
			45°	5-7-11	7-9-12	8-10-14	9-11-15	9-11-16	10-12-17	11-14-19	12-15-21	
36x6 18x12	1.50	1.35	Airflow, cfm		405	540	675	810	945	1080	1350	1620
			NC		-	16	22	28	32	36	43	48
			Throw (Ft.)	0°	12-18-26	17-21-30	19-24-33	21-26-37	23-28-40	24-30-42	27-33-47	30-37-52
			22.5°	10-14-20	13-16-23	15-18-26	16-20-28	18-22-31	19-23-33	21-26-37	23-28-40	
			45°	6-8-12	8-10-13	9-11-15	10-12-16	10-13-18	11-13-19	12-15-21	13-16-23	
30x8 24x10	1.67	1.49	Airflow, cfm		447	596	745	894	1043	1192	1490	1788
			NC		-	16	23	28	33	37	43	49
			Throw (Ft.)	0°	13-19-27	18-22-31	20-25-35	22-27-38	24-29-42	26-31-44	29-35-50	31-38-54
			22.5°	10-15-21	14-17-24	16-19-27	17-21-30	19-23-32	20-24-34	22-27-38	24-30-42	
			45°	6-9-12	8-10-14	9-11-16	10-12-17	11-13-19	12-14-20	13-16-22	14-17-24	
36x8 24x12	2.00	1.82	Airflow, cfm		546	728	910	1092	1274	1456	1820	2184
			NC		-	17	23	29	34	38	44	50
			Throw (Ft.)	0°	14-21-30	20-25-35	22-27-39	25-30-43	27-32-46	28-35-49	32-39-55	35-43-60
			22.5°	11-16-23	16-19-27	17-21-30	19-23-33	21-25-36	22-27-38	25-30-43	27-33-47	
			45°	6-10-14	9-11-16	10-12-17	11-14-19	12-15-21	13-16-22	14-17-25	16-19-27	
36x10 30x12	2.50	2.29	Airflow, cfm		687	916	1145	1374	1603	1832	2290	2748
			NC		-	18	24	30	34	38	45	51
			Throw (Ft.)	0°	16-24-34	22-28-39	25-31-44	28-34-48	30-36-52	32-39-55	36-44-62	39-48-67
			22.5°	12-18-26	17-21-30	19-24-34	21-26-37	23-28-40	25-30-43	28-34-48	30-37-52	
			45°	7-11-15	10-12-18	11-14-20	12-15-21	13-16-23	14-18-25	16-20-28	18-21-30	
36x12	3.00	2.75	Airflow, cfm		825	1100	1375	1650	1925	2200	2750	3300
			NC		-	19	25	31	35	39	46	51
			Throw (Ft.)	0°	18-26-37	25-30-43	28-34-48	30-37-52	33-40-56	35-43-60	39-48-67	43-52-74
			22.5°	14-20-29	19-23-33	21-26-37	23-29-41	25-31-44	27-33-47	30-37-52	33-41-57	
			45°	8-12-17	11-14-19	12-15-21	14-17-24	15-18-25	16-19-27	18-21-30	19-24-33	

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