

# PERFORMANCE DATA

## 150 or 250 (3/4" spacing) - Performance Data

Nom. Duct Size (in.)	Core Vel.	300	400	500	600	700	800	1000	1200	1400
	Vel. Press.	0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.090	0.122
	0°	0.016	0.029	0.046	0.066	0.090	0.117	0.183	0.263	0.358
	Total 22.5° Press. 45°	0.018	0.033	0.051	0.074	0.100	0.131	0.204	0.294	0.401
<b>14x14</b>	cfm	366	488	610	732	854	976	1220	1464	1708
	NC	-	11	18	23	28	32	39	44	49
	0°	12-19-35	17-25-41	21-31-45	25-35-50	29-38-54	33-41-57	37-45-64	41-50-70	44-54-76
	Throw 22.5° (ft) 45°	9-15-27 5-8-16	13-20-31 8-11-18	16-24-35 9-14-20	20-27-39 11-16-22	23-29-42 13-17-24	26-31-45 15-18-26	29-35-50 17-20-29	31-39-55 18-22-32	34-42-59 20-24-34
<b>36x6 27x8 18x12</b>	cfm	405	540	675	810	945	1080	1350	1620	1890
	NC	-	12	18	24	28	32	39	44	49
	0°	12-20-37	18-26-43	22-33-48	26-37-52	31-40-57	35-43-60	39-48-68	43-52-74	46-57-80
	Throw 22.5° (ft) 45°	10-15-29 6-9-17	14-21-33 8-12-19	17-26-37 10-15-21	21-29-41 12-17-24	24-31-44 14-18-25	27-33-47 16-19-27	30-37-52 18-21-30	33-41-57 19-24-33	36-44-62 21-25-36
<b>22x10</b>	cfm	411	548	685	822	959	1096	1370	1644	1918
	NC	-	12	18	24	28	32	39	44	49
	0°	12-20-37	18-27-43	22-33-48	27-37-53	31-40-57	35-43-61	39-48-68	43-53-75	46-57-81
	Throw 22.5° (ft) 45°	10-16-29 6-9-17	14-21-33 8-12-19	17-26-37 10-15-22	21-29-41 12-17-24	24-31-44 14-18-26	27-33-47 16-19-27	30-37-53 18-22-31	33-41-58 19-24-34	36-44-62 21-26-36
<b>30x8 24x10</b>	cfm	447	596	745	894	1043	1192	1490	1788	2086
	NC	-	12	19	24	29	33	39	45	49
	0°	13-21-39	19-28-45	23-35-50	28-39-55	32-42-59	37-45-63	41-50-71	45-55-78	48-59-84
	Throw 22.5° (ft) 45°	10-16-30 6-9-17	14-22-35 8-13-20	18-27-39 10-16-23	22-30-43 13-17-25	25-33-46 15-19-27	28-35-49 16-20-29	32-39-55 18-23-32	35-43-60 20-25-35	38-46-65 22-27-38
<b>42x6 18x14</b>	cfm	477	636	795	954	1113	1272	1590	1908	2226
	NC	-	12	19	24	29	33	40	45	50
	0°	13-22-40	19-29-46	24-36-52	29-40-57	34-43-61	38-46-66	42-52-73	46-57-80	50-61-87
	Throw 22.5° (ft) 45°	10-17-31 6-10-18	15-22-36 9-13-21	19-28-40 11-16-23	22-31-44 13-18-26	26-34-48 15-20-28	29-36-51 17-21-30	33-40-57 19-23-33	36-44-62 21-26-36	39-48-67 23-28-39
<b>16x16</b>	cfm	486	648	810	972	1134	1296	1620	1944	2268
	NC	-	12	19	24	29	33	40	45	50
	0°	14-22-41	19-22-47	24-36-52	29-41-57	34-44-62	38-47-66	43-52-74	47-57-81	51-62-88
	Throw 22.5° (ft) 45°	11-17-31 6-10-18	15-22-36 9-13-21	19-28-41 11-16-24	22-31-44 13-18-26	26-34-48 15-20-28	30-36-51 17-21-30	33-41-57 19-24-33	36-44-63 21-26-36	39-48-68 23-28-39
<b>48x6 36x8 24x12 18x16</b>	cfm	546	728	910	1092	1274	1456	1820	2184	2548
	NC	-	13	19	25	30	34	40	46	50
	0°	14-23-43	20-31-50	26-38-55	31-43-61	36-46-66	41-50-70	45-55-78	50-61-86	54-66-93
	Throw 22.5° (ft) 45°	11-18-33 6-10-19	16-24-38 9-14-22	20-30-43 12-17-25	24-33-47 14-19-27	28-36-51 16-21-30	31-38-54 18-22-32	35-43-61 20-25-35	38-47-67 22-27-39	42-51-72 24-30-42
<b>18x18</b>	cfm	621	828	1035	1242	1449	1656	2070	2484	2898
	NC	-	13	20	25	30	34	41	46	51
	0°	15-25-46	22-33-53	27-41-59	33-46-65	38-49-70	43-53-75	48-59-84	53-65-92	57-70-99
	Throw 22.5° (ft) 45°	12-19-36 7-11-21	17-25-41 10-15-24	21-32-46 12-18-27	25-36-50 15-21-29	30-38-54 17-22-31	33-41-58 19-24-34	37-46-65 22-27-38	41-50-71 24-29-41	44-54-77 26-31-45
<b>42x8 24x14</b>	cfm	642	856	1070	1284	1498	1712	2140	2568	2996
	NC	-	13	20	26	30	34	41	46	51
	0°	16-25-47	22-33-54	28-42-60	33-47-66	39-50-71	44-54-76	49-60-85	54-66-93	58-71-101
	Throw 22.5° (ft) 45°	12-19-36 7-11-21	17-26-42 10-15-24	22-32-47 13-19-27	26-36-51 15-21-30	30-39-55 18-23-32	34-42-59 20-24-34	38-47-66 22-27-38	42-51-72 24-30-42	45-55-78 26-32-45
<b>36x10 30x12</b>	cfm	687	916	1145	1374	1603	1832	2290	2748	3206
	NC	-	14	20	26	30	34	41	47	51
	0°	16-26-48	23-34-56	29-43-62	34-48-68	40-52-74	45-56-79	51-62-88	56-68-96	60-74-104
	Throw 22.5° (ft) 45°	12-20-37 7-12-22	18-27-43 10-16-25	22-33-48 13-19-28	27-37-53 16-22-31	31-40-57 18-23-33	35-43-61 20-25-35	39-48-68 23-28-40	43-53-75 25-31-43	47-57-81 27-33-47
<b>48x8 24x16</b>	cfm	738	984	1230	1476	1722	1968	2460	2952	3444
	NC	-	14	21	26	31	35	41	47	51
	0°	17-27-50	24-36-58	30-45-64	36-50-71	42-54-76	47-58-82	53-64-91	58-71-100	62-76-108
	Throw 22.5° (ft) 45°	13-21-39 8-12-22	18-28-45 11-16-26	23-35-50 13-20-29	28-39-55 16-22-32	32-42-59 19-24-34	36-45-63 21-26-37	41-50-71 24-29-41	45-55-77 26-32-45	48-59-84 28-34-49
<b>20x20</b>	cfm	771	1028	1285	1542	1799	2056	2570	3084	3598
	NC	-	14	21	26	31	35	42	47	52
	0°	17-27-51	24-37-59	30-46-66	37-51-72	43-55-78	48-59-83	54-66-93	59-72-102	64-78-110
	Throw 22.5° (ft) 45°	13-21-40 8-12-23	19-28-46 11-16-27	24-35-51 14-21-30	28-40-56 16-23-32	33-43-60 19-25-35	37-46-65 22-27-38	42-51-72 24-30-42	46-56-79 27-32-46	49-60-85 29-35-50
<b>36x12 24x18</b>	cfm	825	1100	1375	1650	1925	2200	2750	3300	3850
	NC	-	15	21	27	31	35	42	47	52
	0°	18-28-53	25-38-61	31-47-68	38-53-75	44-57-81	50-61-86	56-68-96	61-75-106	66-81-114
	Throw 22.5° (ft) 45°	14-22-41 8-13-24	20-29-47 11-17-27	24-37-53 14-21-31	29-41-58 17-24-34	34-44-63 20-26-36	39-47-67 22-27-39	43-53-75 25-31-43	47-58-82 27-34-48	51-63-88 30-36-51