

# PERFORMANCE DATA

Size	Nozzle Velocity (fpm)	1000	1500	2000	2500	3000	3500	4000
3	Flow Rate (cfm)	14	22	29	36	43	50	58
	Static Pressure (in. w.g.)	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	Sound (NC)	<15	<15	<15	19	23	26	30
	Throw (ft.)	2-4-8	3-6-13	4-8-15	5-11-16	6-12-17	7-13-20	8-14-21
4	Flow Rate (cfm)	22	33	44	55	66	77	88
	Static Pressure (in. w.g.)	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	Sound (NC)	<15	<15	<15	19	23	26	30
	Throw (ft.)	3-6-12	4-8-17	6-12-23	8-16-24	9-18-27	10-21-30	12-22-32
6	Flow Rate (cfm)	49	74	98	123	147	172	196
	Static Pressure (in. w.g.)	0.05	0.12	0.22	0.34	0.49	0.66	0.86
	Sound (NC)	<15	<15	15	21	25	29	33
	Throw (ft.)	4-8-16	6-12-23	8-16-27	10-20-30	12-21-32	14-25-36	16-26-38
8	Flow Rate (cfm)	104	157	209	261	313	365	418
	Static Pressure (in. w.g.)	0.06	0.14	0.24	0.38	0.53	0.70	0.92
	Sound (NC)	<15	<15	17	24	30	35	38
	Throw (ft.)	6-11-23	8-17-34	11-23-39	14-28-44	17-31-46	20-35-52	23-38-55
10	Flow Rate (cfm)	180	270	361	451	541	631	721
	Static Pressure (in. w.g.)	0.07	0.15	0.25	0.39	0.56	0.74	0.96
	Sound (NC)	<15	<15	21	29	35	40	45
	Throw (ft.)	7-15-30	11-22-45	15-30-51	19-37-57	22-41-61	26-47-69	30-50-72
12	Flow Rate (cfm)	297	445	593	742	890	1038	1187
	Static Pressure (in. w.g.)	0.07	0.15	0.26	0.40	0.58	0.78	1.01
	Sound (NC)	<15	15	24	32	38	44	47
	Throw (ft.)	10-19-38	14-29-57	19-38-65	24-48-74	29-52-79	33-60-88	38-64-93
14	Flow Rate (cfm)	406	609	811	1014	1217	1420	1623
	Static Pressure (in. w.g.)	0.07	0.15	0.26	0.41	0.58	0.79	1.02
	Sound (NC)	<15	15	25	33	39	44	48
	Throw (ft.)	11-22-45	17-33-67	22-45-76	28-56-86	33-61-91	39-70-103	45-75-108
16	Flow Rate (cfm)	518	778	1036	1296	1555	1815	2074
	Static Pressure (in. w.g.)	0.07	0.14	0.26	0.41	0.58	0.80	1.03
	Sound (NC)	<15	16	26	33	39	44	49
	Throw (ft.)	13-25-50	19-38-76	25-50-86	32-63-97	38-69-103	44-79-117	50-84-122
18	Flow Rate (cfm)	601	902	1202	1503	1804	2105	2406
	Static Pressure (in. w.g.)	0.06	0.13	0.24	0.37	0.54	0.74	0.96
	Sound (NC)	<15	16	26	33	39	44	49
	Throw (ft.)	14-27-54	20-41-81	27-54-105	34-68-110	41-74-111	47-85-126	54-91-132
20	Flow Rate (cfm)	835	1253	1670	2088	2506	2924	3341
	Static Pressure (in. w.g.)	0.06	0.12	0.22	0.34	0.49	0.68	0.88
	Sound (NC)	<15	17	27	34	40	46	51
	Throw (ft.)	16-32-64	24-48-96	32-64-110	40-80-123	48-87-131	56-100-148	64-107-155

## Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Air flow cfm: Based on standard air density and isothermal conditions.
3. Noise Criteria: Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power Level<sub>Re</sub>: 10<sup>-12</sup> watts.
4. Static Pressure: in. w.g.
5. Projection: Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].
6. Nozzle Velocity: Nozzle Discharge Velocity in feet per minute [fpm].
7. Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face [THROW] 400 fpm, 200 fpm, and 100 fpm respectively.