

PERFORMANCE DATA

ANF/ANR

Size	Model	Duct Velocity (fpm) Velocity Pressure (in. w.g.)	400 0.01	600 0.022	800 0.04	1000 0.062	1200 0.090	1400 0.122	1600 0.160
3	ANF	Flow Rate (cfm)	20	29	39	49	59	69	79
		Total Pressure (in. w.g.)	0.012	0.026	0.047	0.074	0.106	0.144	0.188
		Sound (NC)	-	-	-	-	17	21	25
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.016 - 1-3-7	0.036 - 2-5-10	0.064 - 3-7-12	0.100 16 5-9-13	0.144 21 6-10-14	0.196 25 6-11-16	0.256 29 7-12-17
4	ANF	Flow Rate (cfm)	35	52	70	87	105	122	140
		Total Pressure (in. w.g.)	0.012	0.026	0.047	0.076	0.106	0.144	0.188
		Sound (NC)	-	-	-	19	23	27	31
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.016 - 2-4-10	0.036 - 3-7-14	0.064 16 4-10-16	0.100 22 6-12-18	0.144 28 7-14-19	0.196 32 9-15-21	0.256 36 10-13-18
5	ANF	Flow Rate (cfm)	55	82	109	136	164	191	218
		Total Pressure (in. w.g.)	0.012	0.026	0.047	0.074	0.106	0.144	0.188
		Sound (NC)	-	-	16	22	27	31	35
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.016 - 2-5-11	0.036 - 3-6-15	0.064 21 5-10-20	0.100 28 8-13-22	0.144 33 8-15-24	0.196 37 11-18-26	0.256 41 12-16-23
6	ANF	Flow Rate (cfm)	79	118	157	196	236	275	314
		Total Pressure (in. w.g.)	0.012	0.026	0.047	0.074	0.106	0.144	0.188
		Sound (NC)	-	-	20	26	31	35	39
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.016 - 4-8-15	0.036 17 5-11-20	0.064 25 6-15-24	0.100 32 9-18-26	0.144 37 11-20-29	0.196 42 13-22-31	0.256 46 15-24-33
8	ANF	Flow Rate (cfm)	140	210	280	350	420	490	560
		Total Pressure (in. w.g.)	0.012	0.029	0.052	0.08	0.116	0.158	0.207
		Sound (NC)	-	-	-	15	20	25	29
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.017 - 5-11-23	0.039 - 8-17-28	0.07 15 11-23-32	0.109 20 14-25-36	0.157 25 17-28-39	0.214 30 20-30-42	0.28 34 23-32-45
10	ANF	Flow Rate (cfm)	218	327	436	545	654	763	872
		Total Pressure (in. w.g.)	0.012	0.029	0.052	0.08	0.116	0.158	0.207
		Sound (NC)	-	-	-	17	22	27	31
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.017 - 7-14-28	0.039 - 11-21-34	0.07 17 14-28-40	0.109 22 18-31-44	0.157 27 21-34-49	0.214 32 25-37-53	0.28 36 28-40-56
12	ANF	Flow Rate (cfm)	314	471	628	785	942	1100	1256
		Total Pressure (in. w.g.)	0.012	0.029	0.052	0.08	0.116	0.159	0.207
		Sound (NC)	-	-	-	17	23	27	32
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.017 - 8-7-34	0.039 - 13-25-41	0.07 19 17-34-48	0.109 23 21-38-53	0.157 29 25-41-58	0.215 33 30-45-63	0.28 38 38-54-76
14	ANF	Flow Rate (cfm)	428	641	855	1069	1283	1497	1710
		Total Pressure (in. w.g.)	0.012	0.029	0.052	0.08	0.117	0.158	0.207
		Sound (NC)	-	-	-	19	24	29	33
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.017 - 9-20-39	0.039 15 15-30-48	0.07 20 20-39-56	0.109 25 25-44-62	0.158 30 30-48-68	0.214 35 35-52-74	0.28 39 39-56-79
16	ANF	Flow Rate (cfm)	558	838	1117	1396	1675	1954	2234
		Total Pressure (in. w.g.)	0.012	0.029	0.052	0.08	0.117	0.158	0.207
		Sound (NC)	-	-	-	19	25	30	34
	ANR	Total Pressure (in. w.g.) Sound (NC) Throw (ft.)	0.017 - 11-23-45	0.039 15 17-34-55	0.07 20 23-45-64	0.109 25 28-50-71	0.158 31 34-55-78	0.214 36 39-60-84	0.28 40 45-64-90

Performance Notes:

- Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Air flow cfm: Standard air density and isothermal conditions.
- Noise Criteria: Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.
- Static Pressure: in. w.g. required.
- Projection: Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].
- Nozzle Velocity: Nozzle Discharge Velocity in feet per minute [fpm].
- Terminal Velocity: Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face [THROW] 200 fpm, 100 fpm, and 50 fpm respectively.