

SIZE	10 x 8 14 x 6 16 x 5 22 x 4			12 x 8 16 x 6 20 x 5 26 x 4			14 x 8 20 x 6 24 x 5 32 x 4			12 x 12 18 x 8 24 x 6 30 x 5			20 x 8 28 x 6 34 x 5 44 x 4			
	DEFLECTION CFM	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°
	NC	.34	.32	.25	.42	.38	.31	.53	.48	.39	.65	.59	.48	.76	.70	.56
600	Vel.	1765	1875	2400	1429	1579	1935	1132	1250	1538	923	1017	1250	789	857	1072
	Tot. Pr.	.19	.212	.330	.115	.156	.235	.080	.105	.162	.06	.075	.112	.045	.058	.090
	Throw	31-45	24-35	17-25	37-45	25-35	18-25	32-46	25-35	18-25	32-45	25-35	18-25	32-46	25-35	18-25
	NC	40	40	44	37	37	39	33	33	35	30	30	31	28	28	29
650	Vel.				1548	1711	2097	1226	1354	1667	1000	1102	1354	855	928	1161
	Tot. Pr.				.140	.178	.275	.094	.122	.20	.068	.090	.135	.051	.068	.105
	Throw				33-48	25-37	18-26	34-48	26-37	19-26	34-48	26-37	19-26	34-48	26-37	19-26
	NC				39	39	41	34	34	38	31	31	33	30	30	31
700	Vel.				1667	1842	2258	1321	1458	1794	1078	1187	1459	921	1000	1250
	Tot. Pr.				.170	.200	.32	.101	.140	.23	.080	.100	.158	.060	.078	.120
	Throw				35-49	27-38	19-27	35-50	27-38	19-27	36-50	28-38	20-27	35-50	27-38	19-27
	NC				41	41	44	37	37	39	33	33	35	31	31	32
800	Vel.							1509	1667	2051	1231	1356	1667	1053	1143	1428
	Tot. Pr.							.140	.180	.295	.100	.130	.210	.076	.100	.162
	Throw							38-54	29-42	21-30	37-53	28-41	20-29	37-52	28-40	20-29
	NC							40	40	43	37	37	38	34	34	36
900	Vel.							1698	1875	2308	1385	1525	1875	1184	1286	1607
	Tot. Pr.							.175	.225	.38	.125	.160	.265	.094	.122	.205
	Throw							40-55	31-42	22-30	39-56	30-43	21-31	41-56	32-43	22-31
	NC							44	44	47	40	40	42	37	37	39
1000	Vel.										1538	1695	2083	1316	1429	1786
	Tot. Pr.										.150	.195	.330	.110	.150	.255
	Throw										42-59	32-45	24-32	42-59	32-45	24-32
	NC										43	43	45	40	40	42
1100	Vel.										1692	1864	2291	1447	1571	1964
	Tot. Pr.										.180	.230	.40	.138	.175	.32
	Throw										44-63	34-48	24-35	44-63	34-48	24-35
	NC										46	46	48	43	43	45
1200	Vel.													1579	1714	2143
	Tot. Pr.													.160	.210	.38
	Throw													46-65	35-50	25-36
	NC													46	46	48
1300	Vel.															
	Tot. Pr.															
	Throw															
	NC															
1400	Vel.															
	Tot. Pr.															
	Throw															
	NC															
1500	Vel.															
	Tot. Pr.															
	Throw															
	NC															
1600	Vel.															
	Tot. Pr.															
	Throw															
	NC															
1700	Vel.															
	Tot. Pr.															
	Throw															
	NC															
1800	Vel.															
	Tot. Pr.															
	Throw															
	NC															
1900	Vel.															
	Tot. Pr.															
	Throw															
	NC															
2000	Vel.															
	Tot. Pr.															
	Throw															
	NC															
2400	Vel.															
	Tot. Pr.															
	Throw															
	NC															
2800	Vel.															
	Tot. Pr.															
	Throw															
	NC															

NOTES ON PERFORMANCE DATA:

Tested per ADC Equipment Test Code 1062 R3 and ASHRAE Standard 36B-63

1. The velocity (Vj) shown is jet velocity in FPM. This velocity is measured with an Anor Velometer with Tip No. 2220A.
2. Total pressure is measured in inches of water gauge (W.G.). To find static pressure drop, calculate the core area (nominal width - ¾) × (nominal height - ¾) and divide the CFM by this area to determine the core velocity, and apply it to the following formula:

$$\text{Total Pressure} = \left(\frac{\text{Core Velocity}}{4005} \right)^2$$

3. Throws in feet are based on 0° temperature differential. Maximum throws are to a terminal velocity (Vt) of 50 feet per minute and minimum to 100 feet per minute.
4. The NC values are based on room absorption of 18 db re 10⁻¹³ watts.
5. Performance data as shown is for the grille with opposed blade damper in full open position.

**These units are extrapolated.