



TurboNozzle Performance Data

Model: **NP**

SIZE	Neck Velocity (fpm)		250	500	750	1000	1250	1500
	Velocity Pressure (in.,wg)		0.004	0.016	0.035	0.062	0.097	0.140
	Total Pressure		0.023	0.058	0.115	0.167	0.257	0.333
4	Neck Area	CFM	20	40	50	70	80	100
	sq.ft	NC	-	-	-	-	15	16
	0.062	Throw	9	11	15	17	18	20
6	Neck Area	CFM	40	80	110	150	180	220
	sq.ft	NC	-	-	-	-	15	16
	0.144	Throw	12	16	20	22	24	27
8	Neck Area	CFM	70	140	210	270	340	410
	sq.ft	NC	-	-	-	-	15	16
	0.27	Throw	12	19	23	26	29	33
10	Neck Area	CFM	110	220	330	430	540	650
	sq.ft	NC	-	-	-	-	15	16
	0.43	Throw	13	21	25	29	33	36
12	Neck Area	CFM	160	320	480	640	790	950
	sq.ft	NC	-	-	-	-	15	16
	0.632	Throw	15	23	28	31	35	40
14	Neck Area	CFM	220	430	650	860	1080	1290
	sq.ft	NC	-	-	-	-	15	16
	0.86	Throw	16	23	29	33	38	45
16	Neck Area	CFM	290	580	870	1160	1450	1740
	sq.ft	NC	-	-	-	-	14	16
	1.156	Throw	16	23	28	34	37	42
20	Neck Area	CFM	470	940	1410	1880	2350	2820
	sq.ft	NC	-	-	-	-	15	16
	1.88	Throw	17	23	27	33	36	42
24	Neck Area	CFM	680	1350	2030	2700	3380	4050
	sq.ft	NC	-	-	-	-	15	16
	2.7	Throw	17	22	28	33	36	44

THE THROW VALUES ARE BASED ON A 50 FPM TERMINAL VELOCITY.
DASHED LINE IN SP BOX INDICATES STATIC PRESSURE IS LESS THAN 0.01 IN.W.G.
DASHED LINE IN NC BOX INDICATES NOISE LEVEL IS LESS THAN 20.
NC LEVEL IS BASED ON 10dB ROOM ATTENUATION(PWL RE:10-12 WATTS) WITH ONE DIFFUSER OPERATING.

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