



TurboNozzle Performance Data (Metric)

Model: **NP**

SIZE	Neck Velocity (m/s)		1.27	2.54	3.81	5.10	6.35	7.62
	Velocity Pressure (mmAq)		0.102	0.406	0.889	1.575	2.464	3.556
	Total Pressure		0.587	1.479	2.933	4.259	6.554	8.492
4	Neck Area	CMH	34	68	85	119	136	170
	sq.m	NC	-	-	-	-	15	16
	0.058	Throw(m)	2.8	3.4	4.6	5.2	5.5	6.1
6	Neck Area	CMH	68	136	187	255	306	374
	sq.m	NC	-	-	-	-	15	16
	0.0138	Throw(m)	3.7	4.9	6.1	6.7	7.3	8.2
8	Neck Area	CMH	119	238	357	459	578	697
	sq.m	NC	-	-	-	-	15	16
	0.251	Throw(m)	3.7	5.8	7.0	8.0	8.8	10.0
10	Neck Area	CMH	187	374	561	731	918	1105
	sq.m	NC	-	-	-	-	15	16
	0.0399	Throw(m)	4.0	6.4	7.6	8.8	10.0	11.0
12	Neck Area	CMH	272	544	816	1088	1343	1615
	sq.m	NC	-	-	-	-	15	16
	0.0587	Throw(m)	4.6	7.0	8.5	9.5	10.7	12.2
14	Neck Area	CMH	374	731	1105	1462	1836	2193
	sq.m	NC	-	-	-	-	15	16
	0.0799	Throw(m)	5.0	7.0	8.9	10.0	11.6	13.8
16	Neck Area	CMH	493	986	1479	1972	2465	2958
	sq.m	NC	-	-	-	-	14	16
	0.1074	Throw(m)	5.0	7.0	8.5	10.4	11.3	12.8
20	Neck Area	CMH	799	1598	2397	3196	3995	4794
	sq.m	NC	-	-	-	-	15	16
	0.1747	Throw(m)	5.2	7.0	8.2	10.0	11.0	12.8
24	Neck Area	CMH	1156	2295	3451	4590	5746	6881
	sq.m	NC	-	-	-	-	15	16
	0.2508	Throw(m)	5.2	6.7	8.6	10.0	11.0	13.4

THE THROW VALUES ARE BASED ON A 0.254 METER PER SECOND TERMINAL VELOCITY.
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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