TND-AA

Nominal Size	Nozzle Velocity, fpm	750	1000	1250	1500	1750	2000	2500	3000	3500	4000
	Velocity Pressure, IN WG	0.035	0.062	0.097	0.140	0.191	0.249	0.390	0.561	0.764	0.998
6	Airflow, cfm	40	50	60	70	80	90	120	140	160	190
	Total Pressure, IN WG	0.05	0.08	0.12	0.16	0.21	0.27	0.48	0.65	0.85	1.20
	NC (Noise Criteria)	-	-	-	-	-	-	22	26	30	34
	Throw, FT	6-12-21	7-15-24	9-17-26	10-20-28	12-21-30	13-23-32	17-26-37	20-28-40	21-30-43	23-33-47
8	Airflow, cfm	60	90	110	130	150	170	210	260	300	340
	Total Pressure, IN WG	0.04	0.08	0.13	0.18	0.23	0.30	0.46	0.70	0.93	1.20
	NC (Noise Criteria)	-	-	-	-	20	23	28	33	37	40
	Throw, FT	6-13-26	10-19-32	12-24-36	14-27-39	16-29-42	18-31-44	23-35-49	27-39-55	29-42-59	31-44-63
10	Airflow, cfm	120	170	210	250	290	330	410	500	580	660
	Total Pressure, IN WG	0.04	0.08	0.12	0.17	0.23	0.30	0.46	0.69	0.93	1.20
	NC (Noise Criteria)	-	-	-	-	-	21	27	32	36	39
	Throw, FT	9-19-37	13-26-44	16-33-49	19-38-54	22-41-58	26-44-62	32-49-69	38-54-76	41-58-82	44-62-87
12	Airflow, cfm	170	230	290	350	400	460	580	690	810	920
	Total Pressure, IN WG	0.04	0.08	0.12	0.17	0.23	0.30	0.48	0.68	0.93	1.20
	NC (Noise Criteria)	-	-	-	-	20	23	29	33	37	40
	Throw, FT	11-22-44	15-30-51	19-38-58	23-45-63	26-48-68	30-51-73	38-58-82	45-63-89	48-68-97	51-73-103
16	Airflow, cfm	340	450	560	670	780	900	1120	1340	1570	1790
	Total Pressure, IN WG	0.04	0.08	0.12	0.17	0.23	0.30	0.46	0.67	0.91	1.19
	NC (Noise Criteria)	-	-	-	20	24	27	33	38	42	45
	Throw, FT	16-32-63	21-42-72	26-53-80	32-62-88	37-67-95	42-72-102	53-80-114	62-88-124	67-95-134	72-102-144
20	Airflow, cfm	610	810	1020	1220	1420	1630	2040	2440	2850	3260
	Total Pressure, IN WG	0.04	0.07	0.12	0.17	0.23	0.30	0.47	0.67	0.92	1.20
	NC (Noise Criteria)	-	-	-	21	25	28	34	39	43	46
	Throw, FT	21-43-84	28-57-97	36-71-108	43-84-119	50-90-128	57-97-137	71-108-153	84-119-168	91-128-181	97-137-194

- All pressures given are in inches of water
- Throw values given are for terminal velocities of 200, 100 and 50 fpm and for isothermal conditions. See the section, Engineering Guidelines for additional throw information.
- The throw values listed are without ceiling effect
- For throw values with ceiling effect apply a correction factor of 1.4
- To obtain static pressure, subtract the velocity pressure from the total pressure
- Each NC value represents the noise criteria curve that will not be exceeded by the sound pressure in any of the octave bands, 2nd through 7th, with a room absorption of 10 dB, re 10^{-12} watts
- Dash (-) in space denotes an NC value of less than 20
- Actual performance, with flexible duct inlet, may vary. See the section, Engineering Guidelines for additional information.