Model: NT

Model: NP

MATERIAL	FINISH
• Aluminum	• Clear Anodized • Custom Colors Available

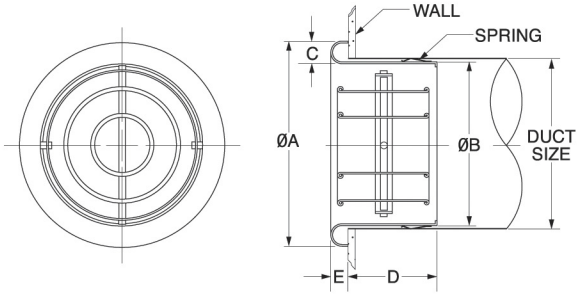
Seiho's TurboNozzle combines a stylish anodized aluminum finish with exceptionally high quality construction. The deep housing and inner concentric rings are designed specifically for those high volume long throw applications. The NT provides a distribution pattern more diffuse than our PK series, but not as much as the RHV/NR series. The aluminum and stainless steel design contribute to the NT's light weight so much so that it is easily installed and held in place by strong spring clips. No unsightly screws are necessary!*
Made in U.S.A.

*Note: NT & NP are designed for wall mounting. Screws must be used for ceiling mounting.

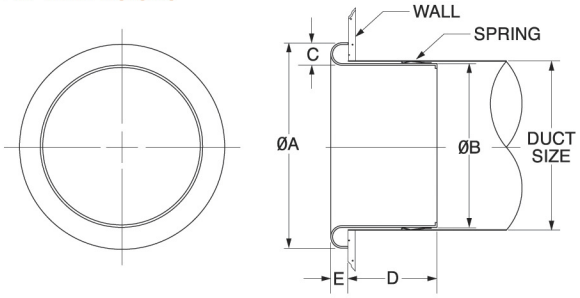
FEATURES

- Contemporary Design
- Long Air Throws
- Easy installation
- Wall or Ceiling Mountable
- Infinitely Adjustable 2-Axis Core for Directional Control
- Heavy Gauge Aluminum Body
- Available for Standard Duct Sizes

MODEL NT DIMENSIONS



MODEL NP DIMENSIONS



MODEL	DUCT SIZE	A	B	C	D	E
NT 4 / NP 4	4	4 3/4	3 5/8	5/8	2	1/2
NT 6 / NP 6	6	7 3/16	5 17/32	7/8	3 11/32	11/16
NT 8 / NP 8	8	9 13/32	7 17/32	1	4 1/4	3/4
NT10 / NP10	10	11 7/8	9 1/2	1 1/4	5 1/16	15/16
NT12 / NP12	12	14 11/32	11 15/32	1 1/2	4 7/8	1 1/8
NT14 / NP14	14	16 5/8	13 7/16	1 21/32	4 3/4	1 7/32
NT16 / NP16	16	18 25/32	15 13/32	1 3/4	4 11/16	1 5/16
NT20 / NP20	20	23 7/16	19 9/16	2	6 1/2	1 1/2
NT24 / NP24	24	27 7/16	23 9/16	2	6 1/2	1 1/2

Product information is subject to change without notice. All dimensions in inches.

Aluminum TurboNozzle
Performance Data

Model: NT

SIZE	Nozzle Velocity (fpm)		300		400		500		600		700		800		1000		1200		1400	
	Velocity Pressure (in.,wg)		0.006		0.010		0.016		0.022		0.031		0.040		0.062		0.090		0.122	
	Deflection		0	22.5	0	22.5	0	22.5	0	20.5	0	22.5	0	22.5	0	22.5	0	22.5	0	22.5
4	Neck Area 0.087 sq.ft	CFM	30		40		50		60		70		80		90		110		130	
		SP(in.,wg.)	-	-	-	-	0.030	0.060	0.048	0.065	0.065	0.100	0.085	0.120	0.110	0.150	0.132	0.220	0.225	0.300
		NC	-	-	-	-	-	-	15	19	20	24	22	28	30	31	32	36	37	38
		Throw(ft.)	9	8	10	8	11	9	12	10	13	11	14	12	14	13	15	14	16	15
6	Neck Area 0.196 sq.ft	CFM	60		80		100		120		140		160		200		240		280	
		SP(in.,wg.)	-	0.02	-	0.03	0.020	0.050	0.030	0.050	0.050	0.062	0.045	0.075	0.074	0.128	0.120	0.200	0.170	0.290
		NC	-	-	-	-	-	-	-	-	-	17	15	20	22	28	29	34	34	41
		Throw(ft.)	10	8	12	10	15	12	26	15	16	13	19	18	21	20	24	22	26	23
8	Neck Area 0.349 sq.ft	CFM	110		140		180		210		250		280		350		420		490	
		SP(in.,wg.)	-	-	0.010	0.020	0.020	0.030	0.024	0.040	0.040	0.060	0.055	0.100	0.090	0.120	0.150	0.210	0.220	0.300
		NC	-	-	-	18	-	18	15	18	20	21	22	26	25	32	27	33	35	40
		Throw(ft.)	14	12	18	17	20	18	22	20	24	21	26	23	28	25	30	27	32	28
10	Neck Area 0.545 sq.ft	CFM	170		220		280		330		390		440		550		660		770	
		SP(in.,wg.)	-	-	-	0.020	0.010	0.030	0.018	0.040	0.030	0.050	0.040	0.062	0.054	0.091	0.076	0.130	0.100	0.240
		NC	-	-	-	-	-	15	-	20	20	22	15	16	24	18	25	32	34	38
		Throw(ft.)	21	18	24	20	26	21	28	24	30	27	32	28	34	31	38	33	40	35
12	Neck Area 0.785 sq.ft	CFM	240		320		400		480		550		630		790		950		1100	
		SP(in.,wg.)	-	-	-	0.010	-	0.025	0.035	0.040	0.040	0.050	0.050	0.100	0.050	0.090	0.060	1.100	0.100	0.200
		NC	-	-	-	-	-	-	-	-	-	20	18	22	22	32	31	38	35	42
		Throw(ft.)	25	21	27	23	28	26	31	28	34	31	35	32	41	38	42	40	43	41
14	Neck Area 1.069 sq.ft	CFM	330		430		540		650		750		860		1070		1290		1500	
		SP(in.,wg.)	-	-	-	-	-	0.026	0.030	0.041	0.028	0.040	0.030	0.050	0.040	0.060	0.050	0.100	0.150	0.250
		NC	-	-	-	-	-	-	-	15	15	21	16	29	24	30	29	34	36	40
		Throw(ft.)	27	23	30	26	33	31	37	33	40	36	41	39	43	41	52	46	59	50
16	Neck Area 1.396 sq.ft	CFM	420		560		700		840		980		1120		1400		1680		1960	
		SP(in.,wg.)	-	-	-	-	-	0.030	0.022	0.038	0.033	0.022	0.040	0.030	0.050	0.041	0.060	0.070	0.070	0.085
		NC	-	-	-	-	-	-	-	-	-	15	-	17	23	26	30	33	35	38
		Throw(ft.)	30	27	34	32	38	36	41	39	43	41	46	43	54	48	62	54	70	60
20	Neck Area 2.182 sq.ft	CFM	660		880		1100		1310		1530		1750		2190		2620		3060	
		SP(in.,wg.)	-	-	-	-	-	0.03	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.07	0.10	0.11	0.12	014
		NC	-	-	-	-	-	-	-	15	-	15	17	25	26	32	30	35	36	42
		Throw(ft.)	40	37	45	41	46	45	53	48	57	53	63	56	71	63	80	79	88	72
24	Neck Area 3.142 sq.ft	CFM	950		1260		1580		1890		2200		2520		3150		3780		4400	
		SP(in.,wg.)	-	-	-	-	-	0.03	0.02	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.09	1.10	0.12	0.13
		NC	-	-	-	-	-	-	-	15	15	22	19	27	24	33	32	37	38	44
		Throw(ft.)	46	44	52	48	57	53	62	57	67	62	73	67	83	76	93	85	104	95

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.

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

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DASHED LINE IN SP BOX INDICATES STATIC PRESSURE IS LESS THAN 0.01 IN.W.G.
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