



Reversible TurboNozzle Performance Data

Model: **NX**

SIZE	300			400			500			600			700			800			1000			1200			1400			1600						
	Velocity Pressure (in., wg)			0.006			0.010			0.016			0.022			0.031			0.040			0.062			0.090			0.122			0.160			
Terminal Velocity (fpm)	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	50	100	150	
6	Neck Area Sq. Ft. 0.196	CFM																																
		SP (in., wg) Pos.1 (Diffused)																																
		SP (in., wg) Pos.2 (Straight)																																
		NC, Pos.1 (Diffused)																																
		NC, Pos.2 (Straight)																																
		Throw (Ft.) Pos.1 (Diffused)			< 2	< 2	< 2	12	3	2	14	6	4	16	8	6	17	10	7	18	12	8	20	15	10	21	17	11	22	19	12	23	20	13
		Throw (Ft.) Pos.2 (Straight)			23	13	9	28	18	12	32	22	14	35	25	16	38	28	18	40	30	19	44	33	21	48	37	23	51	39	25	52	41	26
8	Neck Area Sq. Ft. 0.349	CFM																																
		SP (in., wg) Pos.1 (Diffused)																																
		SP (in., wg) Pos.2 (Straight)																																
		NC, Pos.1 (Diffused)																																
		NC, Pos.2 (Straight)																																
		Throw (Ft.) Pos.1 (Diffused)			13	4	3	17	7	5	21	11	7	24	13	8	27	15	9	29	17	10	32	20	12	35	22	14	38	24	15	40	26	16
		Throw (Ft.) Pos.2 (Straight)			29	24	12	33	29	14	38	33	16	41	36	17	44	39	18	46	41	19	50	45	20	54	48	21	56	51	23	59	53	24
10	Neck Area Sq. Ft. 0.545	CFM																																
		SP (in., wg) Pos.1 (Diffused)																																
		SP (in., wg) Pos.2 (Straight)																																
		NC, Pos.1 (Diffused)																																
		NC, Pos.2 (Straight)																																
		Throw (Ft.) Pos.1 (Diffused)			14	6	3	20	9	6	26	12	9	30	15	11	34	17	14	37	18	14	43	21	17	47	24	19	51	26	20	54	28	22
		Throw (Ft.) Pos.2 (Straight)			36	22	14	42	27	16	49	31	19	53	34	20	58	37	23	61	39	23	67	42	25	71	46	27	76	48	29	79	50	30
12	Neck Area Sq. Ft. 0.785	CFM																																
		SP (in., wg) Pos.1 (Diffused)																																
		SP (in., wg) Pos.2 (Straight)																																
		NC, Pos.1 (Diffused)																																
		NC, Pos.2 (Straight)																																
		Throw (Ft.) Pos.1 (Diffused)			20	8	5	23	12	8	26	15	11	32	18	13	35	20	15	38	22	16	43	25	19	46	27	21	51	29	23	55	31	25
		Throw (Ft.) Pos.2 (Straight)			41	25	15	48	30	18	50	34	20	59	37	22	63	40	23	67	42	25	72	45	27	77	49	28	81	51	30	85	53	31
14	Neck Area Sq. Ft. 1.069	CFM																																
		SP (in., wg) Pos.1 (Diffused)																																
		SP (in., wg) Pos.2 (Straight)																																
		NC, Pos.1 (Diffused)																																
		NC, Pos.2 (Straight)																																
		Throw (Ft.) Pos.1 (Diffused)			23	12	6	27	16	9	31	20	12	34	23	14	37	26	16	39	28	17	43	32	20	46	35	22	53	37	24	56	39	25
		Throw (Ft.) Pos.2 (Straight)			47	28	16	54	33	19	60	37	21	65	40	23	68	42	24	72	44	26	78	48	28	83	51	29	87	54	31	90	56	32
16	Neck Area Sq. Ft. 1.396	CFM																																
		SP (in., wg) Pos.1 (Diffused)																																
		SP (in., wg) Pos.2 (Straight)																																
		NC, Pos.1 (Diffused)																																
		NC, Pos.2 (Straight)																																
		Throw (Ft.) Pos.1 (Diffused)			24	13	6	28	15	8	33	19	10	37	21	12	40	24	14	43	26	15	48	29	17	51	32	19	55	35	20	57	39	26
		Throw (Ft.) Pos.2 (Straight)			49	30	17	56	34	20	66	39	22	69	41	24	71	43	25	74	45	27	82	50	29	85	52	30	89	56	32	92	58	33

- Note: - Tested in accordance with ASHRAE 70-2006 Standard.
 - Throw values given are for terminal velocities of 50, 100 and 150 fpm and for isothermal conditions.
 - Static Pressure (SP) are in inches of water gauge required.
 - Noise Criteria: NC Level is based on Room Attenuation of 10 db (Sound Power Level Re: 10-12 watts) with one diffuser operating.
 - Terminal Velocity: Maximum velocity [V] in feet per minute at the specified distance from the outlet face.
 - Dash line [-] in NC Box denotes an NC value of less than 20.
 - Static Pressure, Noise Criteria and Throw values represented in two positions: Diffused Air Pattern position and Straight Pattern position.

*Seiho International reserves the right to make changes without prior notice.

*This performance data is proprietary to Seiho International, Inc., and shall not be used except as expressly authorized by the Company.