

### High Velocity Nozzle - Twist Series

MODEL	Nozzle Velocity (FPM)	1000	1500	1750	2000	2250	2500
<b>HVT-08</b>	CFM	58	87	101.5	116	130.5	145
	Static Pressure	0.08	0.19	0.26	0.35	0.44	0.55
	NC	17	26	29	33	36	38
	Projection	2-4-8	3-6-12	4-7-14	4-8-16	5-9-18	5-10-20
<b>HVT-10</b>	CFM	136	204	238	272	306	340
	Static Pressure	0.10	0.21	0.29	0.38	0.48	0.58
	NC	20	27	33	36	39	41
	Projection	3-6-12	4-8-16	5-10-19	6-11-20	7-13-22	7-15-24
<b>HVT-12</b>	CFM	196	294	343	392	441	490
	Static Pressure	0.11	0.23	0.33	0.42	0.52	0.64
	NC	22	31	35	38	41	43
	Projection	4-8-16	6-11-22	7-13-23	8-15-25	8-17-26	10-19-28
<b>HVT-14</b>	CFM	267	401	467	534	601	668
	Static Pressure	0.11	0.26	0.35	0.46	0.58	0.72
	NC	23	32	36	39	41	43
	Projection	5-10-19	6-13-26	8-15-28	9-18-30	10-20-32	11-23-34
<b>HVT-16</b>	CFM	349	524	611	698	785	873
	Static Pressure	0.14	0.32	0.42	0.55	0.69	0.87
	NC	24	34	37	40	43	45
	Projection	6-11-22	8-16-32	9-18-33	10-21-35	12-24-38	14-27-41
<b>HVT-20</b>	CFM	545	818	955	1091	1227	1364
	Static Pressure	0.16	0.36	0.49	0.63	0.80	1.00
	NC	25	36	39	42	45	47
	Projection	6-12-24	9-18-36	10-21-41	12-24-46	14-28-52	15-31-57

performance data based on ASHRAE 70-91

**Airflow CFM:** Standard air density and isothermal conditions.

**Static Pressure:** Inches of water gauge required.

**Nozzle Velocity:** Nozzle Discharge Velocity in feet per minute [fpm].

**Noise Criteria:** Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.

**Projection:** Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

**Terminal Velocity:** Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face [THROW] 400 fpm, 200 fpm, and 100 fpm respectively.