

High Velocity Nozzle Series

MODEL	Nozzle Velocity (FPM)	1000	1500	1750	2000	2250	2500	3000
HVN-08	CFM	58	87	101.5	116	130.5	145	174
	Static Pressure	0.06	0.13	0.18	0.24	0.30	0.37	0.53
	NC	<15	<15	<15	<15	17	19	23
	Projection	4-8-16	6-12-24	7-14-28	8-16-32	9-18-36	10-20-40	12-24-48
HVN-10	CFM	136	204	238	272	306	340	408
	Static Pressure	0.06	0.13	0.18	0.24	0.30	0.37	0.53
	NC	<15	<15	<15	15	17	20	24
	Projection	6-12-24	8-17-33	10-20-38	11-22-40	13-26-44	14-29-48	16-34-54
HVN-12	CFM	196	294	343	392	441	490	588
	Static Pressure	0.06	0.13	0.18	0.24	0.30	0.37	0.53
	NC	<15	<15	<15	16	18	21	25
	Projection	8-16-32	11-22-44	13-26-47	15-30-50	17-34-53	19-38-56	22-44-60
HVN-14	CFM	267	401	467	534	601	668	801
	Static Pressure	0.06	0.13	0.18	0.24	0.30	0.37	0.53
	NC	<15	<15	15	18	20	22	26
	Projection	9-19-38	13-27-53	15-31-56	18-36-60	20-41-64	23-46-68	27-51-74
HVN-16	CFM	349	524	611	698	785	873	1047
	Static Pressure	0.06	0.13	0.18	0.24	0.30	0.37	0.53
	NC	<15	<15	16	19	21	24	27
	Projection	11-22-44	16-32-64	18-37-67	21-42-71	24-48-77	27-54-82	32-59-88
HVN-20	CFM	545	818	955	1091	1227	1364	1636
	Static Pressure	0.07	0.14	0.20	0.26	0.33	0.41	0.58
	NC	<15	<15	17	20	22	26	29
	Projection	12-24-48	18-36-72	21-42-82	24-48-92	28-56-104	31-62-114	36-72-130

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.