

ENGINEERING DATA

V-Slot

Nominal Length (ft)	Airflow Rate (CFM)	91	109	128	146	164
4	Noise Criteria	-	-	-	-	-
	Total Pressure	0.029	0.042	0.057	0.074	0.094
	Velocity Pressure	0.004	0.006	0.008	0.011	0.014
	Throw	1-1-3	1-1-4	1-2-4	1-2-5	1-2-5
6	Airflow Rate (CFM)	136	164	191	218	246
	Noise Criteria	-	-	-	-	15
	Total Pressure	0.025	0.037	0.05	0.065	0.082
	Velocity Pressure	0.004	0.005	0.007	0.010	0.012
8	Throw	1-1-4	1-2-4	1-2-5	1-2-5	1-2-5
	Airflow Rate (CFM)	178	214	249	285	321
	Noise Criteria	-	-	-	-	16
	Total Pressure	0.028	0.04	0.054	0.071	0.090
10	Velocity Pressure	0.004	0.006	0.008	0.011	0.013
	Throw	1-1-4	1-2-5	1-2-6	1-2-6	1-3-6
	Airflow Rate (CFM)	228	274	319	365	411
	Noise Criteria	-	-	-	-	17
12	Total Pressure	0.031	0.045	0.062	0.081	0.102
	Velocity Pressure	0.005	0.007	0.009	0.012	0.015
	Throw	1-1-5	1-2-5	1-2-6	1-3-6	1-3-7
	Airflow Rate (CFM)	278	334	389	445	501
14	Noise Criteria	-	-	-	15	18
	Total Pressure	0.026	0.038	0.052	0.067	0.085
	Velocity Pressure	0.004	0.006	0.008	0.010	0.013
	Throw	1-2-5	1-2-6	1-3-7	1-3-7	2-3-7
16	Airflow Rate (CFM)	328	394	459	525	591
	Noise Criteria	-	-	-	16	19
	Total Pressure	0.029	0.042	0.057	0.074	0.094
	Velocity Pressure	0.004	0.006	0.008	0.011	0.014
16	Throw	1-2-5	1-2-6	1-3-7	1-3-7	2-3-7
	Airflow Rate (CFM)	370	444	518	592	666
	Noise Criteria	-	-	-	17	19
	Total Pressure	0.027	0.039	0.053	0.069	0.088
16	Velocity Pressure	0.004	0.006	0.008	0.010	0.013
	Throw	1-2-5	1-2-6	1-3-7	1-3-7	2-3-7

Notes:

1. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-1991.
2. Total Pressure and Velocity Pressure is measured in inches of water column.
3. Noise Criteria (NC) values based on 10 dB room absorption re 10⁻¹² watts with dampers fully open.
4. Dash (-) in space indicates an NC level of less than 15.
5. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.