



ENGINEERING DATA

VPER

Size (in.)	Area (sq. ft)	Neck Velocity	200	250	300	350	400	450	500	550	600	650
------------	---------------	---------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

10x10	0.69	Airflow Rate (CFM)	139	174	208	243	278	313	347	382	417	451
		Static Pressure	0.016	0.025	0.037	0.050	0.065	0.082	0.102	0.123	0.146	0.172
		NC	-	-	16	20	24	27	30	33	35	37

10x22	1.53	Airflow Rate (CFM)	306	382	458	535	611	688	764	840	917	993
		Static Pressure	0.016	0.026	0.037	0.050	0.065	0.083	0.102	0.124	0.147	0.173
		NC	-	-	18	22	26	30	33	36	38	41

22x22	3.36	Airflow Rate (CFM)	672	840	1008	1176	1344	1513	1681	1849	2017	2185
		Static Pressure	0.017	0.026	0.038	0.052	0.068	0.086	0.106	0.128	0.152	0.179
		NC	-	16	22	27	31	34	38	41	43	46

22x46	7.03	Airflow Rate (CFM)	1406	1757	2108	2460	2811	3163	3514	3865	4217	4568
		Static Pressure	0.020	0.031	0.044	0.060	0.079	0.100	0.123	0.149	0.177	0.208
		NC	21	26	30	34	37	40	42	45	47	49

Notes:

1. Measured in accordance with ANSI/ASHRAE 70-2006.
2. Units: Neck Velocity = fpm; Static Pressure = in. wc.
3. NC values are based on octave bands 2-7 sound power levels with a room absorption of 10 dB (re: 10⁻¹² watts).
4. Dash (-) in space denotes an NC value of less than 15.