

Performance Data



700 645 Series

Neck Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	400	500	600	700	800	1000	1200
			0.032	0.048	0.070	0.092	0.120	0.140	0.160
6X6-6	0.148	CFM	59	74	89	103	118	148	177
		NC	<20	<20	<20	<20	<20	20-25	25-30
8X8-8	0.274	CFM	110	137	165	192	220	274	329
		NC	<20	<20	20-25	25-30	25-30	30	30
10X10-10	0.440	CFM	176	220	264	308	352	440	528
		NC	<20	<20	20-25	25-30	25-30	30	35
12X12-12	0.645	CFM	258	323	387	452	516	645	774
		NC	<20	20-25	25-30	25-30	30	30	35
14X14-14	0.889	CFM	356	445	533	622	711	889	1067
		NC	<20	20-25	25-30	25-30	30	30	35
16X16-16	1.172	CFM	469	586	703	820	938	1172	1406
		NC	<20	20-25	25-30	25-30	30	30	35
18X18-18	1.494	CFM	598	747	896	1046	1195	1494	1793
		NC	<20	25	25-30	25-30	30	30	35
20X20-20	1.855	CFM	742	927	1113	1298	1484	1855	2226
		NC	<20	25	25-30	25-30	30	30	35

Performance Notes:

- 1) For square neck multiply CFM x 1.21
- 2) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006