Performance Data

830 Series

Neck Size	Core Eff. Area (ft^2)	Neck Velocity (FPM) / Total Pressure	200 / 0.006	300 / 0.018	400 / 0.032	500 / 0.048	600 / 0.070	700 / 0.092	800 / 0.120	900 / 0.140	1000 / 0.160	1200 / 0.230
6"	0.195	CFM	39	59	78	98	117	137	156	176	195	234
		NC	<20	<20	<20	<20	<20	<20	<20	20	20-25	25-30
7"	0.265	CFM	53	80	106	133	159	186	212	239	265	319
		NC	<20	<20	<20	<20	<20	<20	<20	20	20-25	25-30
8"	0.347	CFM	69	104	139	173	208	243	277	312	347	416
		NC	<20	<20	<20	<20	<20	<20	<20	20-25	20-25	25-30
9"	0.439	CFM	88	132	176	219	263	307	351	395	439	527
		NC	<20	<20	<20	<20	<20	<20	<20	20-25	20-25	25-30
10"	0.542	CFM	108	163	217	271	325	379	433	488	542	650
		NC	<20	<20	<20	<20	<20	<20	<20	20-25	20-25	25-30
12"	0.780	CFM	156	234	312	390	468	546	624	702	780	936
		NC	<20	<20	<20	<20	<20	<20	<20	20-25	20-25	25-30
14"	1.062	CFM	212	319	425	531	637	743	849	956	1062	1274
		NC	<20	<20	<20	<20	<20	<20	<20	20-25	20-25	25-30
16"	1.387	CFM	277	416	555	693	832	971	1109	1248	1387	1664
		NC	<20	<20	<20	<20	20	20	20-25	25	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