



# Performance Data

## 1000R Return Series

Duct Size	Core Eff. Area (ft <sup>2</sup> )	Neck Velocity (FPM) Velocity Pressure	300	400	500	600	700	800	900	1000
			.006	.010	.015	.021	.029	.038	.048	.065
1 1/2"	0.068	CFM	21	27	34	41	48	55	62	68
2"	0.107	CFM	32	43	54	64	75	86	97	107
2 1/2"	0.142	CFM	42	57	71	85	99	113	127	142
3"	0.181	CFM	54	72	90	108	126	145	163	181
3 1/2"	0.215	CFM	64	86	107	129	150	172	193	215
4"	0.249	CFM	75	100	125	149	174	199	224	249
5"	0.317	CFM	95	127	159	190	222	254	286	317
6"	0.391	CFM	117	156	195	234	273	313	352	391
8"	0.532	CFM	160	213	266	319	373	426	479	532
10"	0.674	CFM	202	270	337	404	472	539	606	674

**Performance Notes:**

- 1) All values in above table are per lineal foot
- 2) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 3) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006