

# PERFORMANCE DATA

## PDR

Neck Size	Face Module	Neck Velocity (fpm)	200	300	400	500	600	700	800	900	1000
		Neg. Static Pressure (in. w.g.)	.008	.019	.033	.051	.074	.101	.132	.167	.206
		Velocity Pressure (in. w.g.)	.002	.006	.010	.016	.022	.031	.040	.050	.062
10 x 10	12 x 12	Flow Rate (cfm)	139	208	278	347	416	486	555	625	694
		Sound (NC)	-	-	-	-	18	22	26	29	31
14 x 14	16 x 16	Flow Rate (cfm)	272	408	554	681	817	953	1089	1225	1361
		Sound (NC)	-	-	-	15	20	24	27	30	33
18 x 18	20 x 20	Flow Rate (cfm)	450	675	900	1125	1350	1575	1800	2025	2250
		Sound (NC)	-	-	-	16	21	25	28	31	34
22 x 10	24 x 12	Flow Rate (cfm)	306	458	611	764	917	1069	1222	1375	1528
		Sound (NC)	-	-	-	15	20	24	27	30	33
22 x 22	24 x 24	Flow Rate (cfm)	672	1008	1344	1681	2017	2353	2689	3025	3361
		Sound (NC)	-	-	-	17	22	26	29	32	35
34 x 10	36 x 12	Flow Rate (cfm)	472	708	944	1181	1417	1653	1889	2125	2361
		Sound (NC)	-	-	-	16	21	25	28	31	34
34 x 22	36 x 24	Flow Rate (cfm)	1039	1558	2078	2597	3117	3636	4156	4675	5194
		Sound (NC)	-	-	-	18	23	27	30	33	36
46 x 10	48 x 12	Flow Rate (cfm)	639	958	1278	1597	1917	2236	2556	2875	3194
		Sound (NC)	-	-	-	17	22	26	29	32	35
46 x 22	48 x 24	Flow Rate (cfm)	1406	2108	2811	3514	4217	4919	5622	6325	7028
		Sound (NC)	-	-	-	19	24	28	31	34	37

### Performance Notes:

1. Tested in accordance with ASHRAE Standard 70 – 2006 Method of Testing for Rating the Performance of Air Outlets and Inlets.
2. Air flow is in cfm.
3. All pressures are in in. w.g.
4. NC values are based on room absorption of 10 dB re 10<sup>-12</sup> Watts and one diffuser.
5. Blanks "-" indicate an NC level below 15.