PERFORMANCE DATA

SHP-PR

Shapes Perforated Return

Face Velocity (fpm)	**100**	**150**	**200**	**250**	**300**	**325**	**350**	**375**	**400**
Neg. Static Pressure (in. w.g)	0.023	0.052	0.093	0.145	0.208	0.244	0.283	0.325	0.370
Velocity Pressure (in. w.g.)	0.001	0.001	0.002	0.004	0.006	0.007	0.008	0.009	0.010
Face Area = 2 sq. ft.									
2'X2' TRI	*2 ft. Main Beam Spacing x 2 ft. Base Width Triangle (60° Nominal)*								
Total Flow Rate (cfm)	200	300	400	500	600	650	700	750	800
Sound (NC)	-	-	-	-	12	16	20	23	26
Face Area = 4 sq. ft.									
2'X2' PRL	*2 ft. Main Beam Spacing x 2 ft. Base Width Parallelogram (60° Nominal)*								
2'X4' TRI	*2 ft. Main Beam Spacing x 4 ft. Base Width Triangle (45° Nominal)*								
2'X4' TRI-90	*2 ft. Main Beam Spacing x 4 ft. Base Width Triangle (90° Nominal)*								
Total Flow Rate (cfm)	400	600	800	1000	1200	1300	1400	1500	1600
Sound (NC)	-	-	-	-	13	17	21	24	27
Face Area = 8 sq. ft.									
4'X4' TRI	*4 ft. Main Beam Spacing x 4 ft. Base Width Triangle (60° Nominal)*								
Total Flow Rate (cfm)	800	1200	1600	2000	2400	2600	2800	3000	3200
Sound (NC)	-	-	-	-	15	19	23	26	29

Performance Notes:

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. All pressures are in inches of w.g.
3. Blanks "-" indicate an NC level below 10.
4. NC values are based on a room absorption of 10 dB, re 10^{-12} Watts and one diffuser.