

PERFORMANCE DATA

Hemispherical Diffuser - Performance Data

		DISCHARGE PATTERN						
		HEMISPHERICAL			HORIZONTAL			
48" X 24" 12" INLET		cfm	400	600	800	400	600	800
		NC	23	28	30	26	31	33
		Total Pressure	0.05	0.1	0.18	0.05	0.13	0.24
	5 Deg FΔT 15 Deg FΔT	Horizontal Throw	1-2-4	2-3-6	3-4-7	3-4-7	4-6-8	5-6-13
		Vertical Throw	1-2-3	2-3-5	2-4-7	1-2-4	2-3-6	3-4-7
		Horizontal Throw	1-2-3	2-3-5	3-3-6	3-4-5	4-5-6	5-5-11
		Vertical Throw	1-3-5	2-4-7	2-4-8	1-3-6	2-4-8	3-5-9
24" X 24" 10" INLET		cfm	200	300	400	200	300	400
		NC	21	25	27	22	27	29
		Total Pressure	0.02	.07	.14	.04	.09	.16
	5 Deg FΔT 15 Deg FΔT	Horizontal Throw	1-1-1	1-1-2	1-2-3	2-4-6	4-5-9	5-7-12
		Vertical Throw	1-1-2	1-2-4	2-3-5	2-3-6	3-5-7	4-6-9
		Horizontal Throw	1-1-1	1-1-2	1-1-2	2-3-5	2-4-8	5-6-10
		Vertical Throw	1-1-3	1-2-5	2-4-6	2-3-8	3-5-8	4-7-10

PERFORMANCE NOTES:

Throws are to terminal velocities of 100,50 and 25 fpm.

NC is the NC curve which will not be exceeded in octave bands 2 thru 7. The NC assumes a 10db room absorption.