

PERFORMANCE DATA

Performance Chart – IP (Imperial)

Nominal Length in.	Inlet Static Pressure in. w.g.	Maximum Flow CFM	Maximum Flow				25% Maximum Flow			
			Throw - Feet* @v _t				Throw - Feet* @v _t			
			50 FPM	100 FPM	150 FPM	'NC	50 FPM	100 FPM	150 FPM	'NC
6	0.05	115	8	6	4	<15	4/3/2	3	2	<15
	0.08	145	9	7	5	19	4/3/2	3	2	16
	0.10	165	10	7	6	22	5/4/3	4	3	16
	0.15	205	11	8	7	30	5/4/3	4	3	25
	0.20	235	12	9	8	34	6/5/4	5	4	30
	0.25	265	13	10	9	37	7/5/4	5	4	34

Performance Notes:

- * Throw data is for air 20°F 11°C lower than room temperature. Throws for isothermal air are 40 to 50% greater.
- 'NC based on Lw(10⁻¹² watts reference) -10db
- Tested in accordance with ANSI/ASHRAE 70-1991, ANSI S12.31, ARI 890-2001, ISO 5219 and ISO 3741.
- When using Acutherm directional baffles for other than 4-way blow patterns, reduce the maximum air volume as shown below.

Inlet Designation	Reduction		
	3-Way	2-Way Opposite	2-Way Corner
6	0.99	1.00	0.99
8	0.97	0.87	0.86
10	0.88	0.72	0.75
12	0.85	0.77	0.65