

# PERFORMANCE DATA

- Models:**
- TK-HC    Separate set points for VAV heating and VAV cooling.
  - TK-C     One set point for VAV cooling only.
  - TK-D     Manually adjustable
  - TK-RA    Matching return air

## Performance Chart – I-P (Inch Pound)

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

**Performance Notes:**

1. \* Denotes 750 fpm/3.81 m/s inlet velocity.
2. \* Throw data is for air 20°F 11°C lower than room temperature. Throws for isothermal air are 40 to 50% greater.
3. 'NC based on Lw(10<sup>-12</sup> watts reference) -10db
4. Tested in accordance with ANSI/ASHRAE 70-1991, ANSI S12.31, ARI 890-2001, ISO 5219 and ISO 3741.
5. When using Acutherm directional baffles for other than 4-way blow patterns, reduce the maximum air volume as shown in Acutherm Form 051.201

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