

VAV DIFFUSERS

THERMA-FUSER - HC

- Thermal Control Power
- Self Contained Control System
- VAV Room Temperature Control
- Field Adjustable Heating Volume Control



Therma-Fuser is equivalent to having a thermostat in every room. It is self-contained and thermally powered - - no pneumatic piping or electrical wiring is required. Room temperature settings for heating and cooling are separately adjustable. Therma-Fuser is dependable and maintenance free with no requirement for lubrication or costly pneumatics or electronics to maintain.



PERFORMANCE GUIDE

Model	(Inches) Listed Size	Inlet SP In W.G.	Max. CFM	Throw @ Max. CFM		Throw @ 25% of CFM		NC @ Max. CFM*	Price Each
				Vt 50	Vt 100	Vt 50	Vt 100		
TFHC	6	.05	100	5	3	3	1	*	CALL
		.10	140	6	3	3	2	20	
		.15	175	7	4	4	3	24	
		.20	200	8	5	6	4	28	
		.25	220	8	6	7	4	33	
TFHC	8	.05	160	6	4	4	2	*	CALL
		.10	225	8	5	5	3	20	
		.15	275	9	5	6	4	25	
		.20	320	10	6	8	5	29	
		.25	335	12	7	9	6	33	
TFHC	10	.05	260	7	4	5	3	*	CALL
		.10	370	9	5	6	4	22	
		.15	450	11	6	7	4	26	
		.20	520	12	7	8	5	29	
		.25	580	13	8	10	7	32	
TFHC	12	.05	380	8	5	6	4	*	CALL
		.10	550	11	7	8	5	23	
		.15	650	12	7	8	6	27	
		.20	740	14	8	10	7	30	
		.25	820	15	10	11	8	33	
		.30	890	17	11	12	9	36	

• Denotes nominal rating

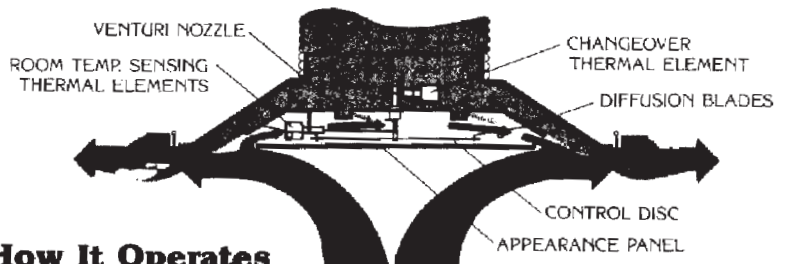
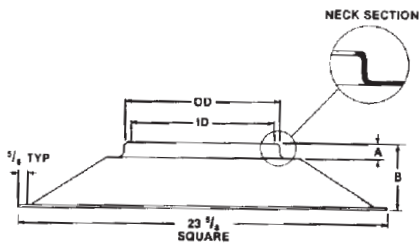
V_t Terminal velocity in fpm

NC based on LW 10 - 12W - 10 db

* less than NC 20

* With blades in full open position

Nominal Neck Size	Inches			
	A	B	ID	OD
6	1-1/4	4-1/4	5-1/2	5-15/16
8	1-5/16	4-3/8	7-5/16	7-15/16
10	1-7/16	4-9/16	9-11/16	9-15/16
12	1-5/16	4-3/8	11-9/16	12



How It Operates

Notes:

- Relief rings available
- Auxiliary frame for surface mounting on page 10.