

# 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

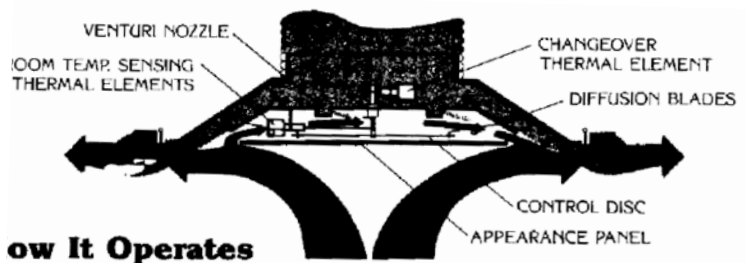
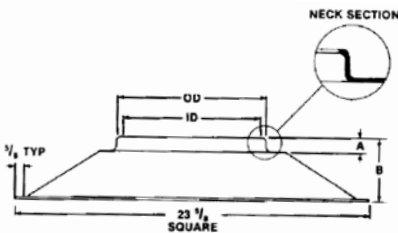
$V_t$  Terminal velocity in fpm

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



#### Notes:

- Relief rings available
- Auxiliary frame for surface mounting on page 8.