Transfer Silencers

ENGINEERING DATA SHEET

Commercial Acoustics

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A DIVISION OF METAL FORM MANUFACTURING

MODEL TS-4 GRILLE SILENCER

Material specification for silencers are 22 gauge minimum galvanized steel outer casing. Internal baffles are made of 24-gauge minimum galvanized perforated steel and filled with inorganic mineral wool type glass fiber absorbent material of sufficient density and packed under at least 5% compression to eliminate voids due to vibration and settling to obtain catalog ratings.

Combustion rating for the silencer acoustic fill shall be not less than the following UL fire hazard classification:

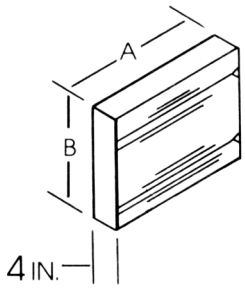
FLAME SPREAD 15
FUEL CONTRIBUTED 0
SMOKE DEVELOPED 0

Tested in accordance with UL Test Procedure 723.

OCTAVE BAND MID-FREQUENCIES	1 63	2 125	3 250	4 500	5 1000	6 2000	7 4000	8 8000
ATTENUATION In Terms of Decibels	3	14	15	19	29	27	22	20

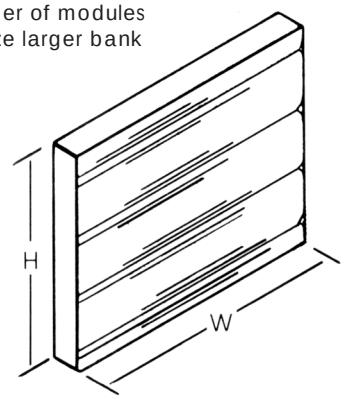
AIRFLOW-PRESSURE DROP

STATIC PRESSURE IN "H2O"	0.05	0.10	0.15	0.20	0.25	0.30
VELOCITY IN FT. MIN. (face)	200	283	346	400	447	490



Largest single module size 48" x 48"
dimension (a) any increment to 48"
dimension (b) 6" to 48" increments

Use any number of modules
to form any size larger bank



SCHEDULE

ITEM	QTY	MODEL	W	H	CFM	SP	MODULES COMMENTS