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MEDICAL GRADE INSULATED ACOUSTICAL DUCT MGA-TLB, MGA -TLM, MGA -TLD



MGA TLB R6



MGA TLM R6



MGA TLD R6

	HERTZ					
FLEXMASTER	125	250	500	1K	2K	4K
MGA TLB R6	12.2	23.2	22.9	27.8	21.4	11.2
MGA TLM R6	15.8	24.6	25.8	27.9	18.2	10.0
MGA TLD R6	10.7	12.8	24	28.6	16.1	10.9

Noise Reduction dB (5 foot length, 10" diameter)

CONSTRUCTION FEATURES

Flexmaster's Medical Grade Acoustical Triple Lock Ductwork, starts with an all aluminum perforated flexible core, with a free open area of 20-25%. The semi rigid and lightweight air duct is manufactured by using a dead soft aluminum strip which is spirally wound, perforated and mechanically locked for strength and durability. The fiberglass blanket is totally isolated from the air stream by UL approved acoustically transparent seamless polyethylene liner. Available options of a black fire retardant polyethylene (MGA-TLB), metallized polyester film (MGA-TLM) or another layer of aluminum triple lock (MGA-TLD) is used for the outer jacket. A minimum bend radius to center line is recommended at 1.5 diameters. End fittings can be provided to accommodate job conditions.

TECHNICAL DATA

Standard length (feet) 5 feet, special lengths on request	Rated Velocity 4000 F.P.M.
Inside Diameter (Inches) 6", 8", 10", 12", 14", 16" Special diameters by request	Internal Working Pressure (W.G.) 6" w.g. positive 2" w.g. negative
Inside Bend Radius (inches) 1.5 x I.D. (all sizes)	Minimum Burst Pressure 15" w.g..positive
Air Friction Loss See Friction Loss Chart	Operating Temperature Range -20° F to +250°F
UL Listing UL 181 / ETL Class 1 Air Duct	Flame Spread Less than 25
Standard, Codes NFPA 90A and 90B HUD/FHA, MIN Property Std.	Smoke Developed Less than 50

JOB NAME _____ LOCATION _____

ENGINEER _____ CONTRACTOR _____

JOB _____ P.O. NUMBER _____ SUBMITTED BY _____

COMMENTS _____