

GENCO-FLEX DUCT

Air Handling Systems U.L. Class "O" Air Duct for High & Low Pressure Heating & Cooling

Type 100A Uninsulated

Materials used to fabricate Class "O" air ducts shall retard the passage of flames for a period of at least 30 minutes and have a flame spread or surface burning characteristic of zero. All metal construction permits the duct to be installed inside walls, wall chases or ceilings where inaccessibility dictates the duct should have a life expectancy of the building without concern of long



term delaminating, erosion or increased permeance. Near Zero permeability and leakage reduces energy loss by delivering dried moistened, cooled or heated air to the terminal without unexpected transmission loss. Genco-Flex will not droop between six foot supports, nor will it bunch-up with severe bends which can reduce air flow in friction loss. It can be compressed where it is too long providing the shortest point to point air flow.

Standard I.D. Diameters: 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16 and 18 inches. Standard Length: 8' sections compressed to 32" for shipment and storage. Pulls open to desired length, couples to form joint or fits standard round accessories. Type 100A special aluminum alloy prevents corrosion and metal fatigue. Close tolerance fabrication produces a continuous lock-seam that permits duct to be compressed, pulled open, bent and rebent without leakage developing. Maximum Velocity: 5000 FPM Temperature Range: 435 F to -100F Static Pressure: 3" to 10" Diameters - 12" W.C. Positive & Negative 12" to 18" Diameters - 8" W.C. Positive & Negative No limitations to installed length.

DIAMETER / CENTERLINE 3 4 5 6 7 8 9 10 12 14 16 18 20



1.5 2 2.5 3 3.5 4 4.5 5 6 7 8 9 10

U.L. Listed Type 1 UUA has passed all the requirements of U.L. Standard 181 for a Flexible Class O Air Duct and is listed by Underwriter's Laboratories , Inc. under number MH-9895. E very section of Type 100A bears the U.L. Listing Mark (label). C las s O=Air Duct having a fire hazard classification of Zero.



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