



MHP-45R8

Insulated Class 1 Flexible Air Duct

PRODUCT DATA & SUBMITTAL

PHYSICAL DESCRIPTION

MHP-45 (45' length) flexible duct is constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner core. Fiberglass R8 insulation encompasses the core and a unique metalized, reinforced vapor barrier surrounds the entire duct.

PRODUCT DATA

Diameter: R8 4",5",6",7",8"

Length: 45 feet

Packaging: 1 Section per package. To meet thermal properties, packaging complies with recommended 12:1 or less compression ratio. West coast customers will be shipped in cartons. Central customers will be shipped in cartons or poly-bags. East coast customers will be shipped in poly-bags only.

Vapor Barrier: 2-Ply Reinforced Metalized Polyester

End Treatments: Raw Ended

Inner Core: Air Tight 2-Ply Black Pigmented Polyester

PERFORMANCE DATA

Thermal Value: R8 Classified by Underwriters Laboratories, Inc. and bears the ADC Thermal Certification Mark.

Maximum Positive Pressure: 6" W.G. determined per ADC Test FD-72R1 at 180° F temperatures in a 90° elbow.

Maximum Negative Pressure: 1" W.G.

Vapor Barrier: Flexible air ducts are for indoor applications and should not be exposed to direct ultraviolet light.

Maximum Velocity: 5,000 FPM

Operating Temperatures: 0 - 200° F

Permeance: (Vapor – Barrier) 0.01 US Perms per ASTM E96A – 94.

FEATURES & BENEFITS

Reduces Flex Duct installed cost by 11%

UL Listed & Labeled

Guaranteed out of package lengths

10 Year limited warranty

GREENGUARD Gold Certification

Formaldehyde free (see www.jplflex.com for more info)

3/8" oversize inner core

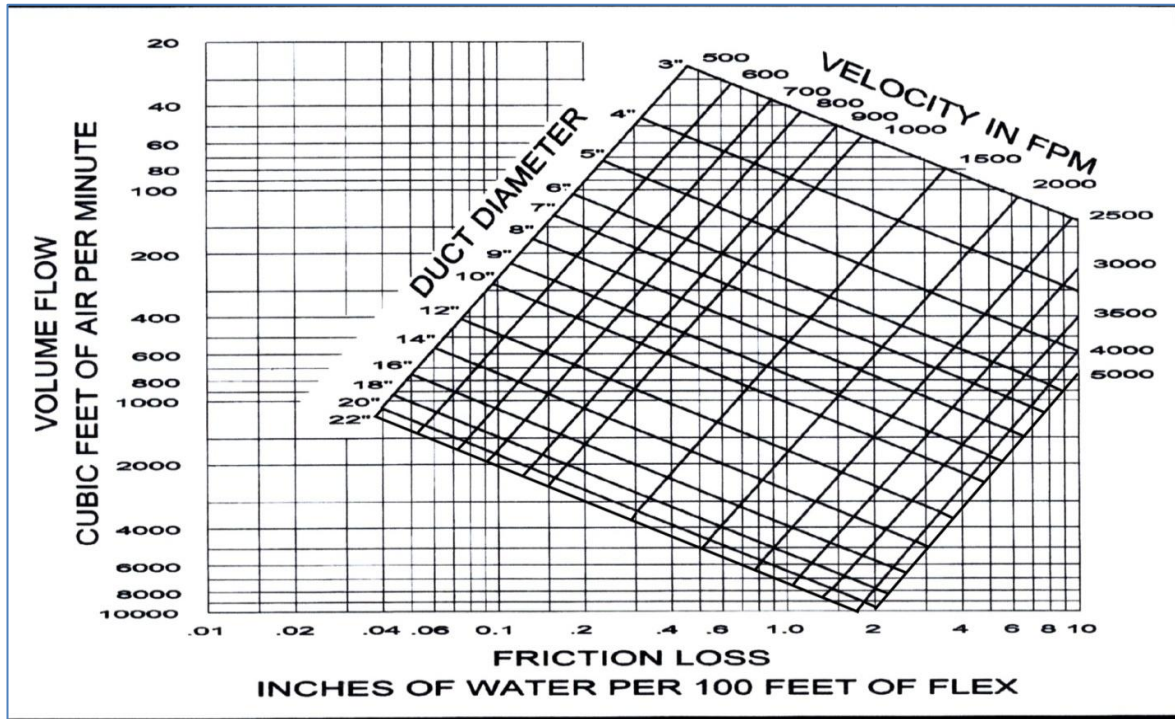
Certified R-Values

CODE COMPLIANCE & APPROVALS

Listed & Labeled Underwriters Laboratories, Inc. File # MH11637 UL-181 Class 1 Air Duct, Flame Spread 25 or Less / Smoke Developed 50 or Less. Meets the requirements of NFPA 90A & 90B, UMC & IMC and most model codes. California Insulation Manufacturer #TD-1092



AIR FRICTION LOSS DATA



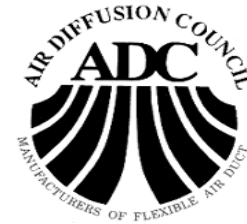
Friction Loss Slide Chart Calculators are available at a minimum cost



10 YEAR LIMITED WARRANTY

J.P. LAMBORN CO. warrants that all of its UL-181 Flexible Air Ducts (the "Product") will be free from defects in materials and workmanship under normal use for a period of ten (10) years from date of manufacture.* This warranty shall apply only to the Product installed in the U.S.A. and in accordance with **J.P. LAMBORN CO.'s** written installation instructions and within the conditions and limitations of the published performance data.

**Contact Company for details and limitations.*



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◆ Specifications subject to change without notice. ◆

Proper use and installation of these products shall be in accordance with UL-181 and ADC recommended installation instructions in each package.