



MHP-25

R4.2, R6 & R8

Insulated Class 1 Flexible Air Duct

PRODUCT DATA & SUBMITTAL

PHYSICAL DESCRIPTION

MHP-25 (25' length) flexible duct is constructed with a spring steel wire helix, encapsulated in a 2-ply, air-tight inner core. Fiberglass insulation choices of R4.2, R6 & R8 encompass the core, and a unique metalized, reinforced vapor barrier surrounds the entire duct.

PRODUCT DATA

Diameters: 4", 5", 6", 7", 8", 9", 10", 12", 14", 16", 18", 20", 22"

* 22" available in MHP25R6 only

Length: 25 feet

Packaging: 1 section per poly-bag or carton. To meet thermal properties, packaging complies with recommended 12:1 or less compression ratio.

Vapor Barrier: 2-Ply Reinforced Metalized Polyester

End Treatments: Raw Ended

Inner Core: Air Tight 2-Ply Black Pigmented Polyester

PERFORMANCE DATA

Thermal Value: R4.2, R6 & R8 Classified by Underwriters Laboratories, Inc. and bears the ADC Thermal Certification Mark.

Maximum Positive Pressure: 6" W.G. (4" – 12")

4" W.G. (14" – 22") determined per ADC Test FD-72R1 at 180° F temperatures in a 90° elbow.

Maximum Negative Pressure: 1" W.G. (4" – 10")

½" W.G. (12" – 22")

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

UL Listed & Labeled

Guaranteed out of package lengths

10 Year limited warranty

GREENGUARD Children & Schools Certification

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

3/8" oversize inner core

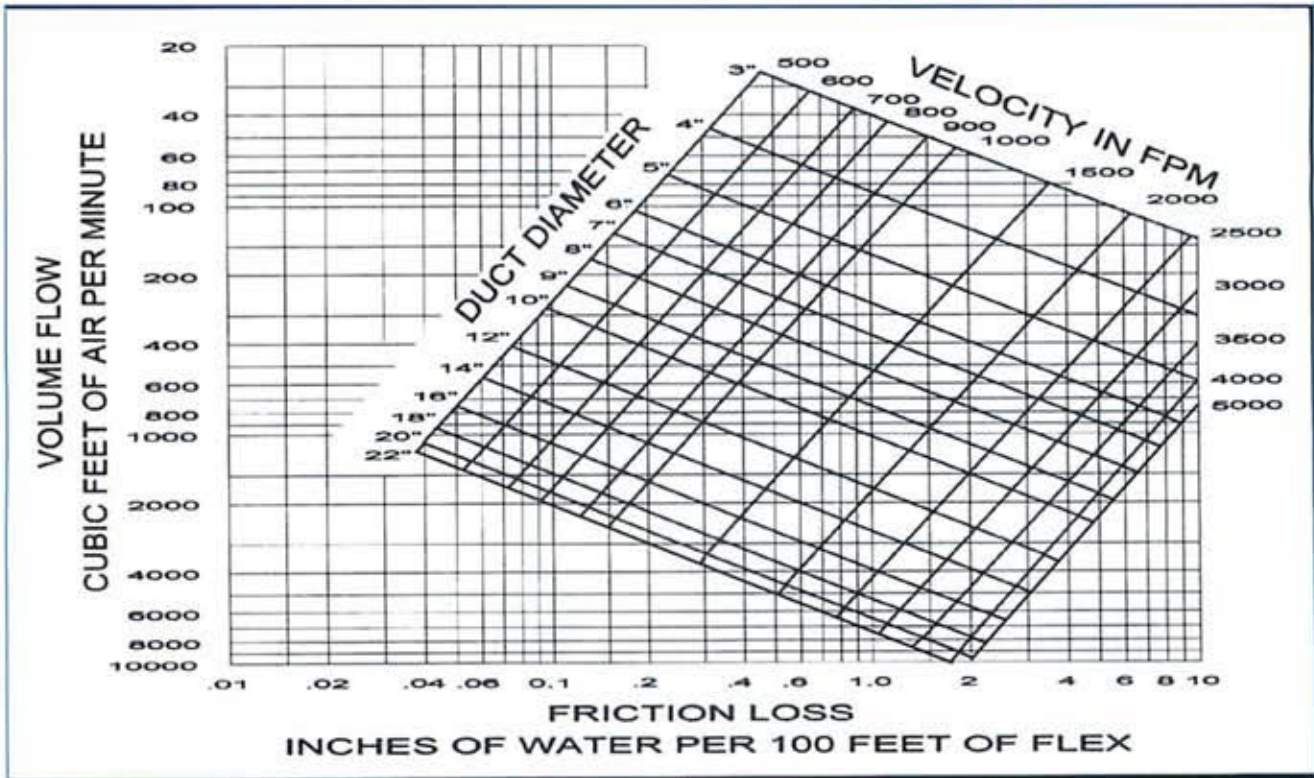
Certified R-Values

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



TM

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.



HEATING, AIRCONDITIONING & REFRIGERATION DISTRIBUTORS INTERNATIONAL



◆ 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.