



TECHNICAL DATA SHEET

TYPE FID

R4,2 BLACK POLYESTER INSULATED FLEXIBLE DUCT CERTIFIED AIR DUCT CLASS 1

DESCRIPTION OF TYPE FID

Air duct consisting of layer of a metalized polyester film and one layer of polyester film encapsulating a galvanized steel wire helix, a fiberglass insulation blanket rated **R4,2** and a black polyester vapor barrier reinforced with tri-directional fiberglass scrim.

TECHNICAL SPECS	
THIS DUCT MEETS OR EXCEEDS THE FOLLOWING:	
<ul style="list-style-type: none"> • c-UL-us AIR DUCT (Canadian S-110, UL US-181) • Complies with NFPA standards 90A & 90B. • Certified of low chemical emissions- Tested and certified to UL environment's standard UL 2818 	
Flame spread	25 or less
Smoke developed	50 or less
Maximum velocity	4000 ft/min
Maximum positive pressure	10in WC(2.5KPA)
Maximum continuous positive pressure	6 in WC (1.5 KPA)
Maximum negative pressure	½ in WC (0.13KPA)
Maximum continuous negative pressure	½ in WC (0.13KPA)
Temperature range -20°F to 210°F (-30° to 100°C)	
WORKING TEMPERATURE RANGE:	
-20°F to 140°F continuous (@ 6 in. H20)	
-20°F to 180°F continuous (@ 4 in. H20)	
-20°F to 210°F intermittent (@ 2 in. H20)	
THERMAL RESISTANCE	R4,2
VAPOR BARRIER PERMEABILITY	0.10 PERMS
AVAILABLE DIAMETERS: 4,5,6,7,8,9,10,12,14,16,18 inches	
AVAILABLE LENGTHS: 25 feet	
PRODUCT CODES: FID-425, FID-525, FID-625, FID-725, FID-825, FID-925, FID-1025, FID-1225, FID-1425, FID-1625, FID-1825	
Made in La Prairie, Québec, Canada	
All flexible ducts certified c-UL-us (ULC S-110) from Lambro Venting Products inc. are made for indoor use in HVAC air distribution systems. Code compliance and control under: National Building Code (Canada), Alberta Building Code, British Columbia Building Code, Ontario Building Code, Vancouver Building Law, IBC, IMC, IRC, NFPA 5000 and UMC.	



ULC S-110 AIR DUCT CLASS1

UL-181 AIR DUCT CLASS1



This flexible duct qualifies and is scientifically tested as a superior low chemical and particle emission for indoor use.

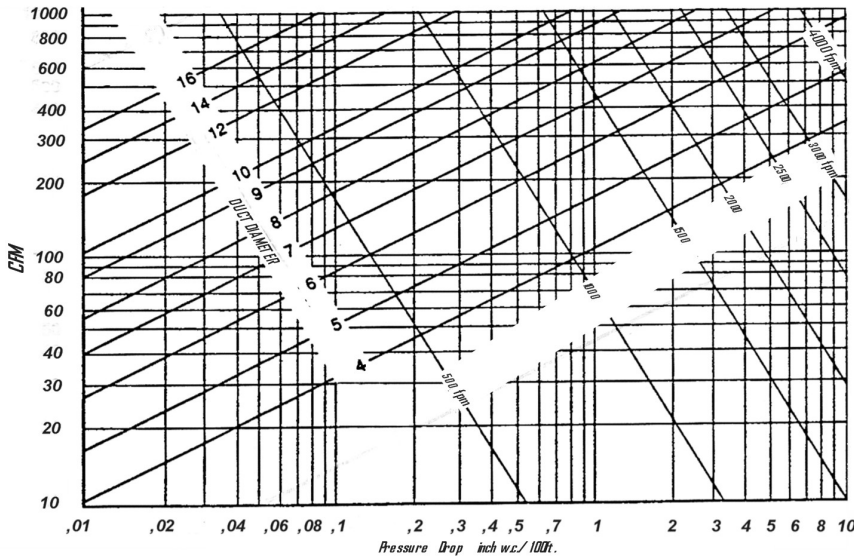


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AIR FRICTION CHART



ULC S-110 AIR DUCT CLASS1

UL-181 AIR DUCT CLASS1

<u>project</u>	
<u>architect</u>	
<u>ingineer</u>	
<u>contractor</u>	
<u>Submitted by</u>	



Warranty- Lambro venting products inc warrants that all flexible ducts will be free from defects in materials and workmanship for a period of 10 years from the date of purchase only if the flexible ducts are installed in accordance with our installation instructions and in accordance with our performance data. The buyer's exclusive remedies for any defect in the flexible ducts shall be the replacement or refund of the initial purchase price at Lambro venting products. In particular Lambro venting products INC. MAKES NO WARRANTY OF merchantability or fitness for a particular purpose. Lambro venting products shall have no liability to the buyer or any third party for incidental or consequential damages of any kind whatsoever, including, but not limited to, personal injury, property damage, lost profits or other economic injury due to any defects in the flexible ducts. Material and specifications for the flexible ducts are subject to change without notice.