

Construction

The duct is made up of a aluminium/polyester film laminated core, incorporating a coated mechanical spring wire helix and solvent based adhesive. The duct is constructed in a way that allows it to maintain its full diameter throughout bends. When correctly installed, it offers low resistance to air flow.

Application

Aludec has been designed for high and low pressure heating, ventilation and cooling. It is supplied in standard diameters from 127mm through 250mm in 25mm increments, and from 250mm through 500mm in 50mm increments. Lengths of 3m and 6m up to and including the 400mm dia. The 450mm and 500mm dia. is available in 3m lengths only.

Ordering Procedure

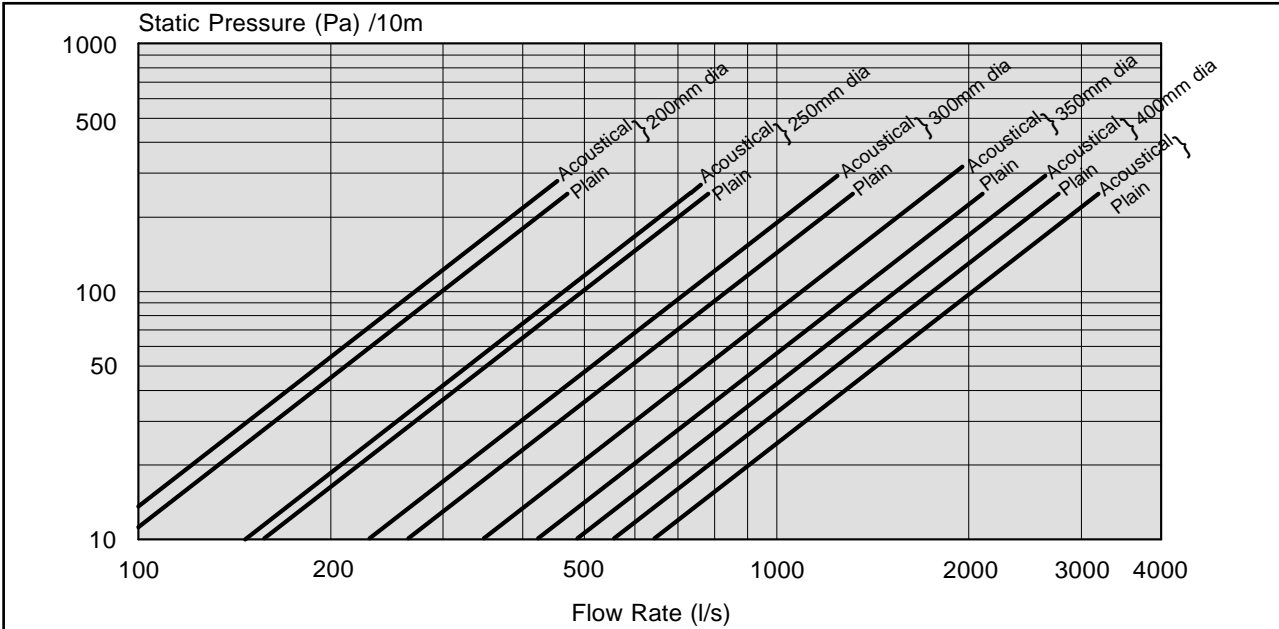
Using the chart below, select your requirements and substitute the underscored text below.

Type AAL..L..00..D

Example: If your requirement is for a 8" (203mm) dia. uninsulated duct, 6m long, the ordering code would be: **AAL..6..00..08** (When ordering it is not necessary to include the periods (..)).

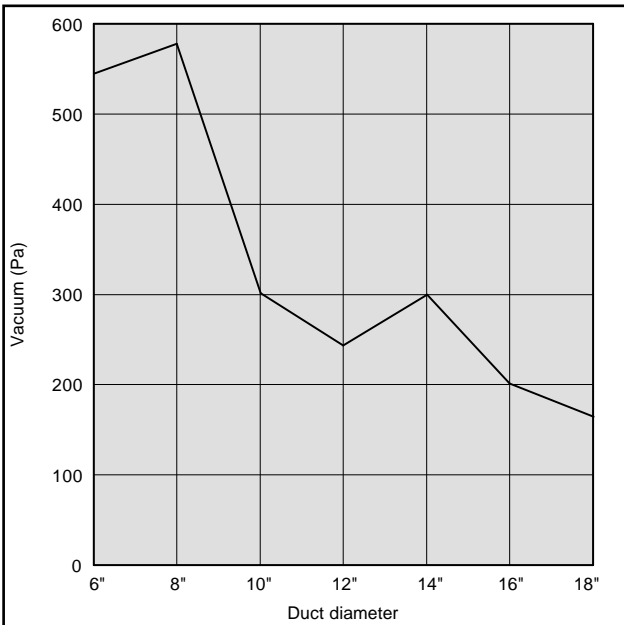
Product Size Numbers			
Type	Length "L"		Diameter "D"
	3m	6m	Inch (mm)
AAL	3	6	05 (127)
	3	6	06 (150)
	3	6	07 (178)
	3	6	08 (203)
	3	6	09 (228)
	3	6	10 (254)
	3	6	12 (304)
	3	6	14 (355)
	3	6	16 (406)
	3	-	18 (457)
	3	-	20 (508)

Performance data



These graphs are for selection only and should not be used for commissioning.

Weight



Ratings

Maximum air velocity
* 30 m/s

Airflow temperature
* Range: -20 deg C - +120 deg C

Working pressure
* 2500 Pa (When installed to Bradflo installation instructions)

Fire Hazard Performance

This duct meets the requirements of the Building Code of Australia and AS 4254-1995 and it's amendments when tested to AS1530.3 and UL181. This duct has achieved a zero for all four of the indices when tested to AS 1530.3