



### Construction

The duct is made up of a polyester film laminate core, incorporating a coated mechanical spring wire helix and black, water 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. The glasswool insulation surrounding the duct core is encapsulated in a aluminium/polyester film laminated sleeve.

### Insulation

The insulation is 40mm glasswool blanket with a nominal R value of 1.0m<sup>2</sup>K/W.

### Application

3Zero3 has been designed for high and low pressure heating, ventilation and cooling. It is supplied in standard diameters from 150mm through 500mm in 50mm increments, and in lengths of 3m and 6m up to and including 450mm dia. The 500mm dia. duct is available in 3m lengths only. The duct meets the requirements of AS 4254 - 1995 and it's amendments.

### Ordering Procedure

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

**A3ZD..L..40..D..A**

**Example:** If your requirement is for a 203mm dia. plain core duct, 6m long, the ordering code would be: **A3ZD..6..40..200..P** (When ordering it is not necessary to include the periods (..)).

Type	Length (m) "L"		Diameter (inch) "D"	Noise Attenuation "A"	
	3m	6m		Acoustic	Plain
A3ZD	3	6	metric (inch)		
"	3	6	150 (6")	A	P
"	3	6	200 (8")	A	P
"	3	6	250 (10")	A	P
"	3	6	300 (12")	A	P
"	3	6	350 (14")	A	P
"	3	6	400 (16")	A	P
"	3	6	450 (18")	A	P
"	3	-	500 (20")	A	P

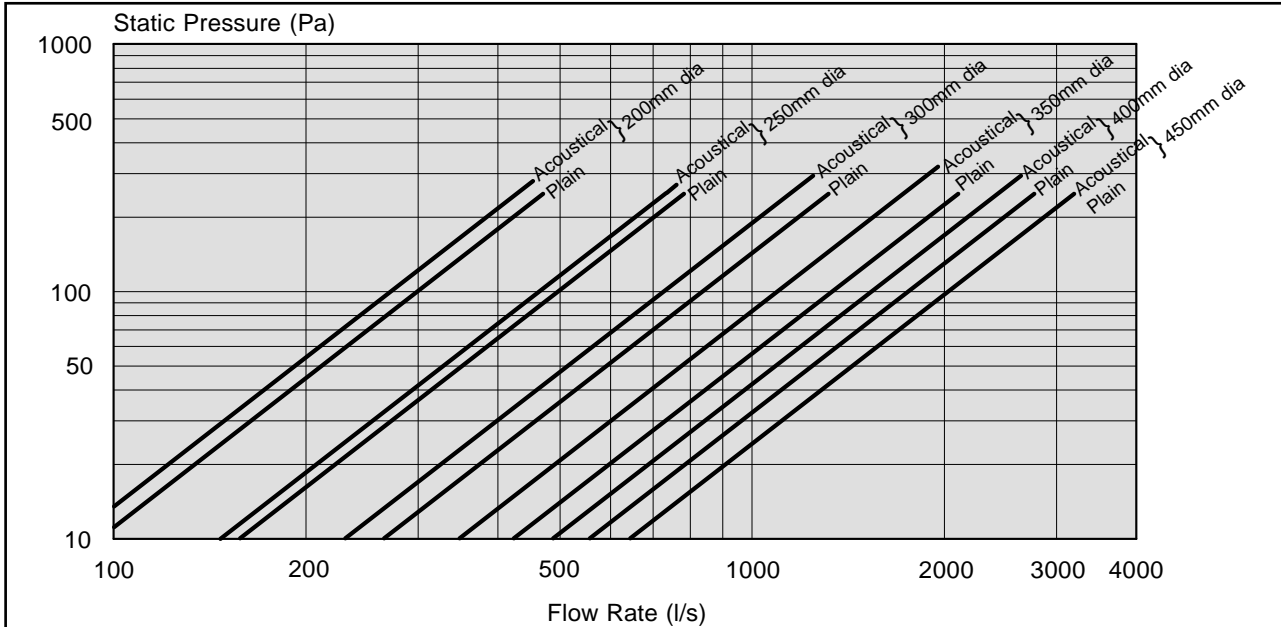
# 5.17

A3ZD

## 3ZERO3 GLASSWOOL R1.0 INSULATED DUCT

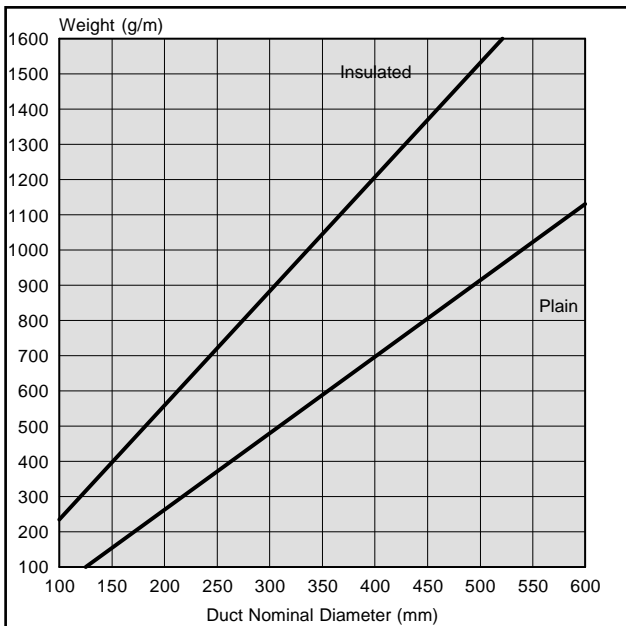


### Performance data

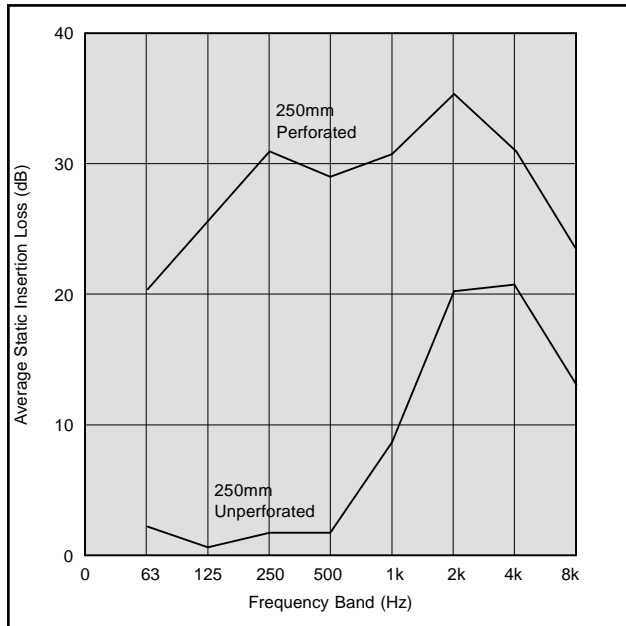


These graphs are for selection only and should not be used for commissioning.

### Weight



### Acoustic properties



### Ratings

Maximum air velocity

\* 30 m/s

Airflow temperature

\* Range: -10 deg C - +80 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 AS4254 - 1995 when tested to AS1530.3 and UL181.

The duct also meets the requirements of AS/NZS1668 - 1998 when tested to AS4254 -1995.