

Spiral Duct



Round



Flat Oval



Rectangular

ARYASH
Air Technology

WHY SPIRAL DUCT OVER RECTANGULAR ?

- Energy efficient
- Save cost and time to install
- Less insulation material consumption
- Easy to seal
- Easy to hang due less hangers
- Reduce noise
- Easy to measure airflow
- Low leakage so low power consumption
- Light weight
- Very low pressure drop
- Aesthetically Pleasing



APPLICATION



- Air conditioning and ventilation
- Warm air heating
- Sound control
- Conveyor system
- Drainage
- Underground
- Dust and Fume extraction
- Humidification
- Concrete voids

SPECIFICATION



Manufacturing standard

SMACNA
IS
Dw144

Material

Galvanised Steel
Aluminium
Mild steel
Stainless Steel

Material Thickness

0.4 mm (28g)
to
1.2 mm (18g)

Size range

80 mm
to
1500 mm

SPIRAL FLAT OVAL



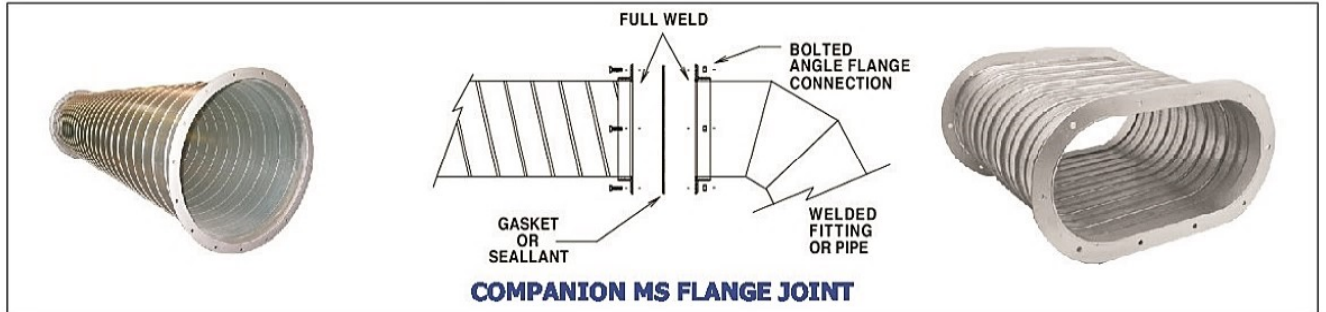
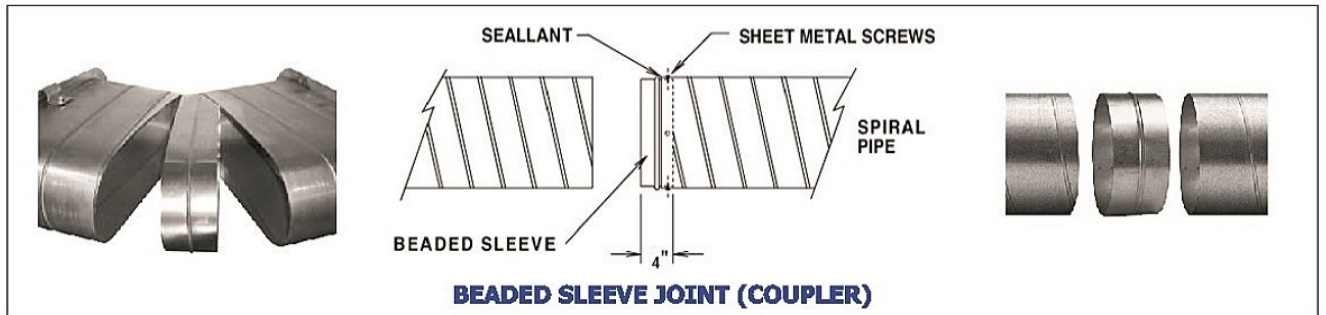
Flat oval duct combines the advantages of round duct and rectangular duct because it may fit in spaces where there is not enough room for round duct. Flat oval duct provides a more efficient alternative to rectangular duct. Manufactures flat oval duct with the same techniques used to make round duct. As a result, flat oval duct shares many of the performance characteristics of round duct. The range of Flat Oval sizes is particularly useful where designers have space limitations in ceiling voids or riser applications. It has the additional advantage of fewer site joints and supports compared with rectangular ductwork.

DUCT FITTINGS

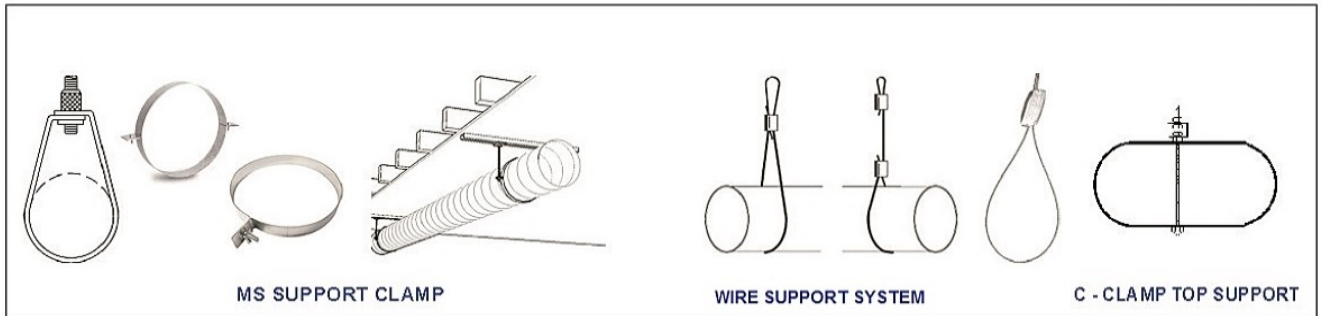
All duct fittings (Elbow, reducer, end caps, Offsets etc) are manufactured on high precision Plasma CNC cutting machine to make sure highest dimensional accuracy.



TRANSVERSE JOINTS SYSTEM



HANGING SYSTEM



COMPLETE DUCTING SOLUTIONS

- Spiral Round duct
- Plain round duct (longitudinal seam)
- Rectangular ducts
- Oval ducts (Spiral & Plain)
- Air distribution products

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**Address (office & Factory) : Bhagvati estate, near Pashupatinath Temple
Opp Span Arcade, Kathwada-Singarva Road, Ahmedabad - 382430.**