

HVAC Ductwork



Rectangular Ductwork



Rectangular ducts are manufactured to meet the most stringent HVAC/Industrial specifications and quality standards. Rectangular GI Ducts are fabricated out of hot dipped galvanized steel sheet of lock forming quality as standard duct material. All types of duct accessories including flanges, raw ends and airtight clamps are also available.

- Duct construction as per DW144 / SMACNA / ASHRAE standards provides superior strength, low leakage rate and vibration free products.
- Jamil Ali Nasser Duct is fully equipped to provide customized ductwork with various materials like galvanized steel, stainless steel, aluminum and carbon steel to suit specific project requirements.
- Ducts will be tailor-made in size as per the requirement of the project. No limitation on duct size. Any size of duct can be constructed (3Mtr and above ducts are constructed in multi panels).
- Fully Welded Industrial Grade Heavy Gauge Ductwork for Commercial Kitchens, Marine and Oil & Gas Applications with various anti corrosion, abrasive handling coatings are also available.
- Welded systems in Carbon Steel and Stainless Steel in various thicknesses and specifications are available to meet various requirements and custom specifications.

Spiral & Round Seamed Ductwork



Round ductwork where used has advantages of faster installation, lower costs, lower leakages, lower pressure drops and better operations. Spiral wound ductwork and fittings made to known industry standards are exceeding used on large scale projects for their particularly low leakages and self-sealing mechanisms. Round and spiral ductwork are manufactured in standard Lock forming quality Galvanized steel for ventilation ductwork and Aluminum and Stainless Steel ductwork are also available for exposed applications and cladding systems.

- Duct construction as per DW144 / SMACNA / ASHRAE standards provides superior strength, low leakage rate and vibration free products
- Spiral duct diameter varies from min of 125mm to max of 3000mm
- Individual pipe lengths available upon request and also available in aluminum and stainless steel
- Seamed pipes are made in standard lengths of 1220mm and Spiral pipes can be produced in up to 6000mm of lengths
- Pipes can be made in up to 12g Aluminum, 14g Galvanized Steel and 16g Stainless Steel

Rectangular Duct System

Rectangular Duct system is manufactured to meet the most stringent HVAC/Industrial specifications and quality standards using CVS's vast experience and expertise in the field and its state-of-the-art equipment.

Energy efficiency through minimum air leakage rate and indoor air quality are the basis of engineered products.

Ducts are manufactured on CNC machinery such as Twin Seam & Shearing machines, Plasma Arc Cutting machines, and Auto Seaming machines.



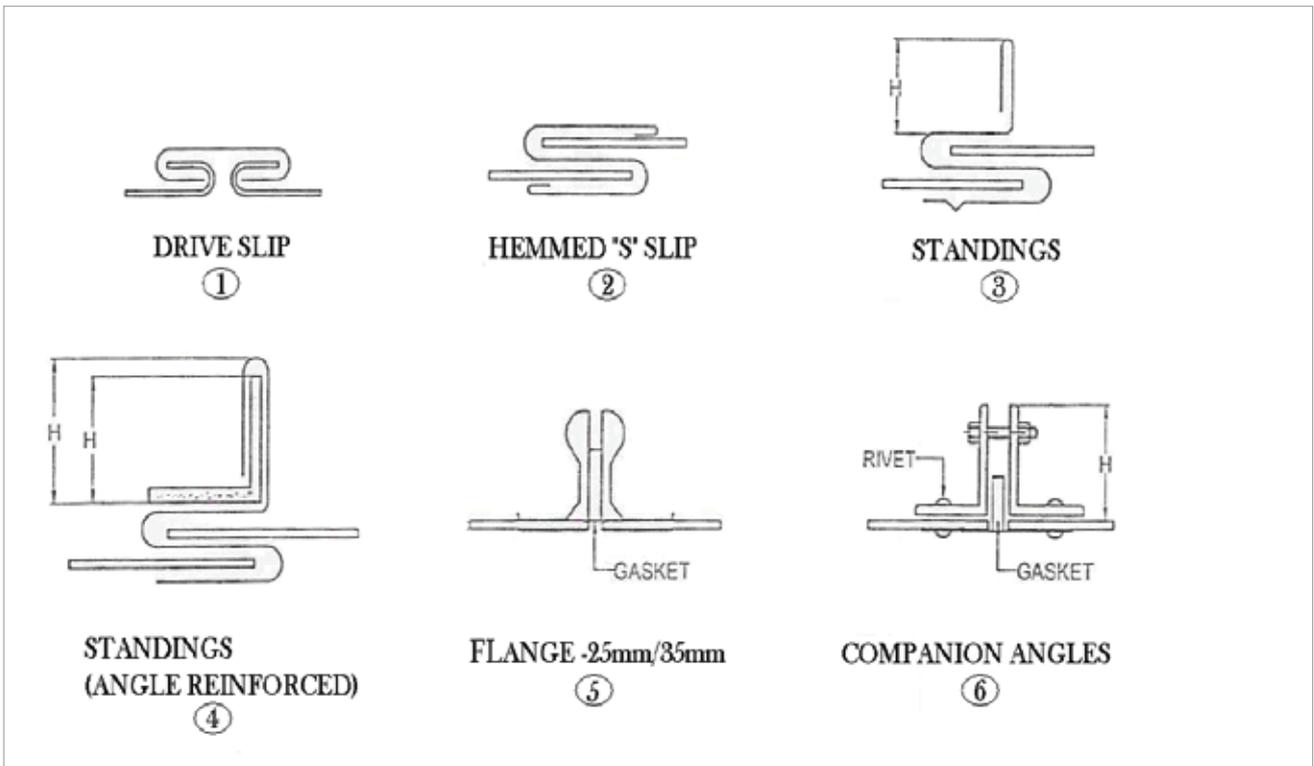
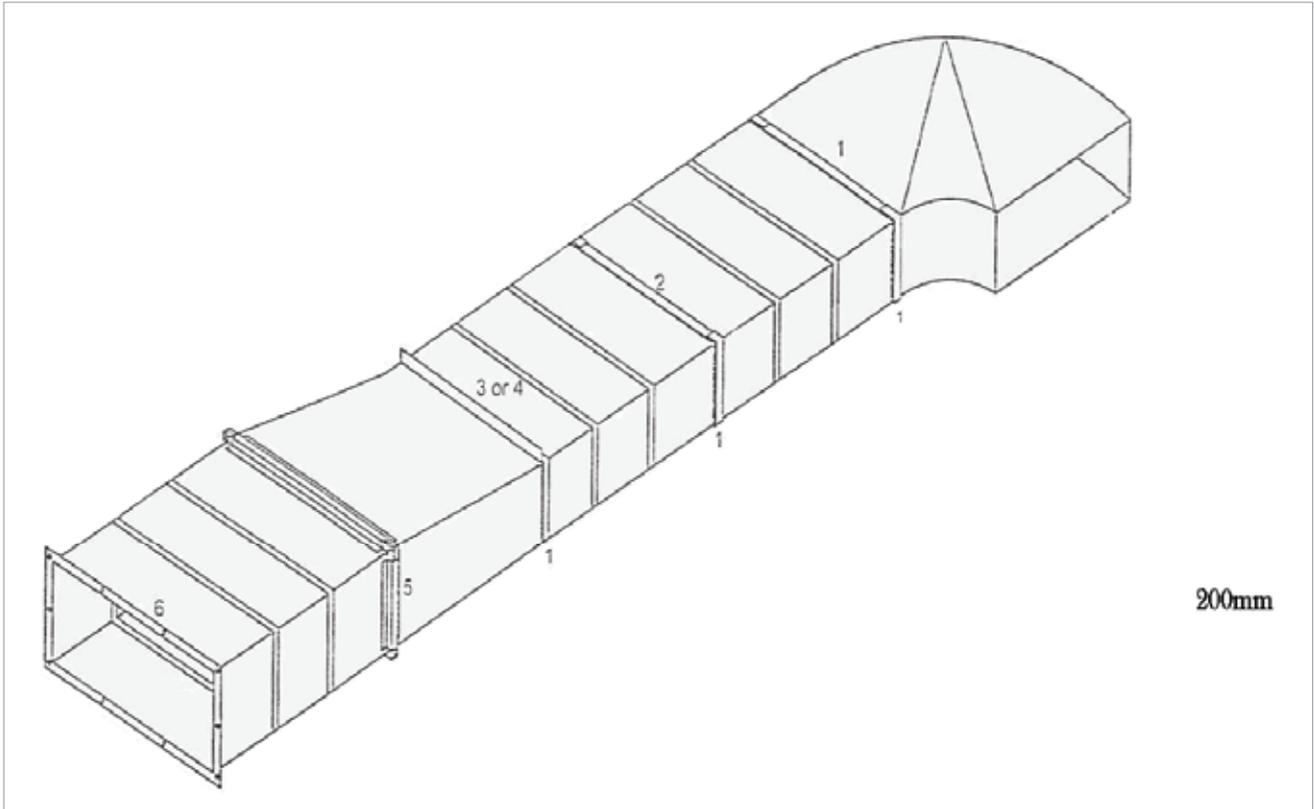
The following features of the CVS Rectangular Duct System are noteworthy:

- Duct construction as per DWI44/SMACNA/ASHRAE standards provides superior strength, low leakage rate and vibration free products.
- No limitation on duct size. Any size of duct can be constructed.
- All straight ducts are with beading along the ducts at 300mm distance, which act as stiffeners and help minimizing vibration and drumming noise of duct sheet panels.
- Factory fabricated and "assembly-ready" for installation.
- Perfect in finished dimensions.
- Special identification stickers on duct pieces cross referred to AC units/drawings/areas for an easy installation process.

Quick and easy installation without the use of special tools.

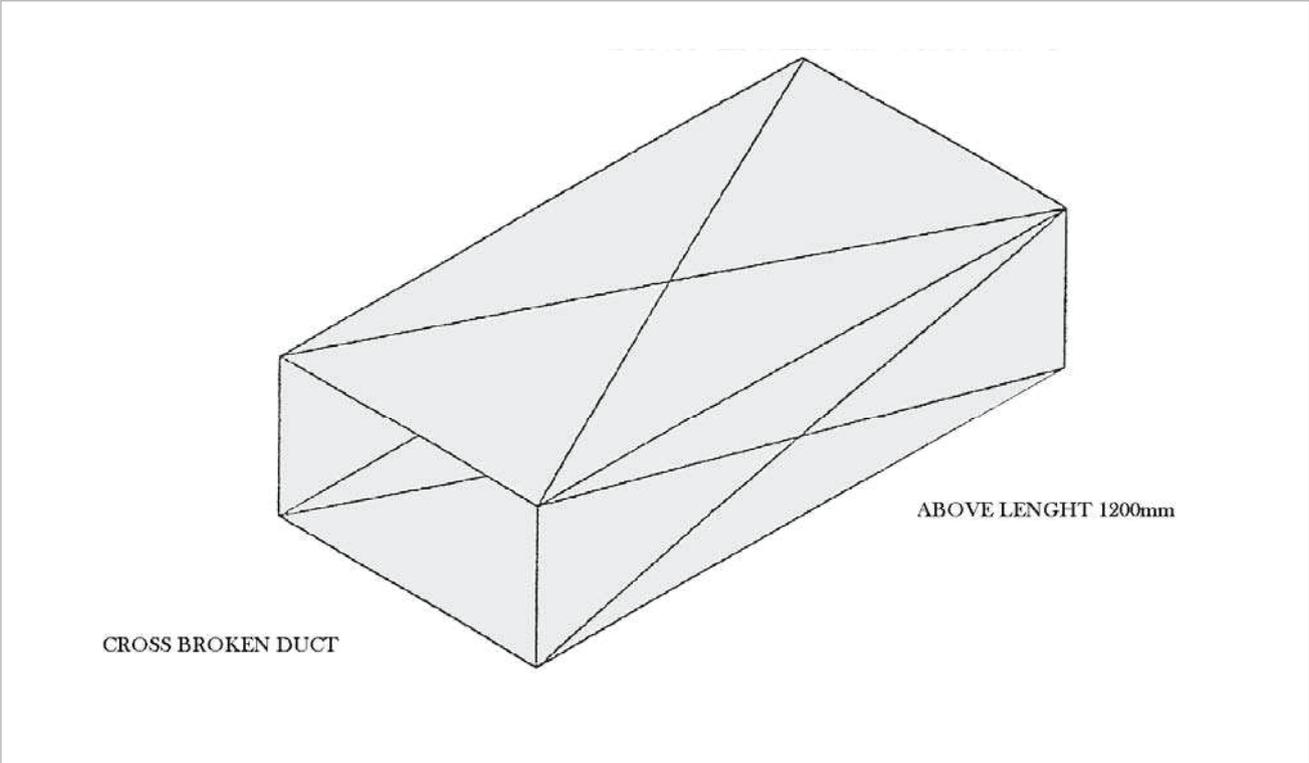
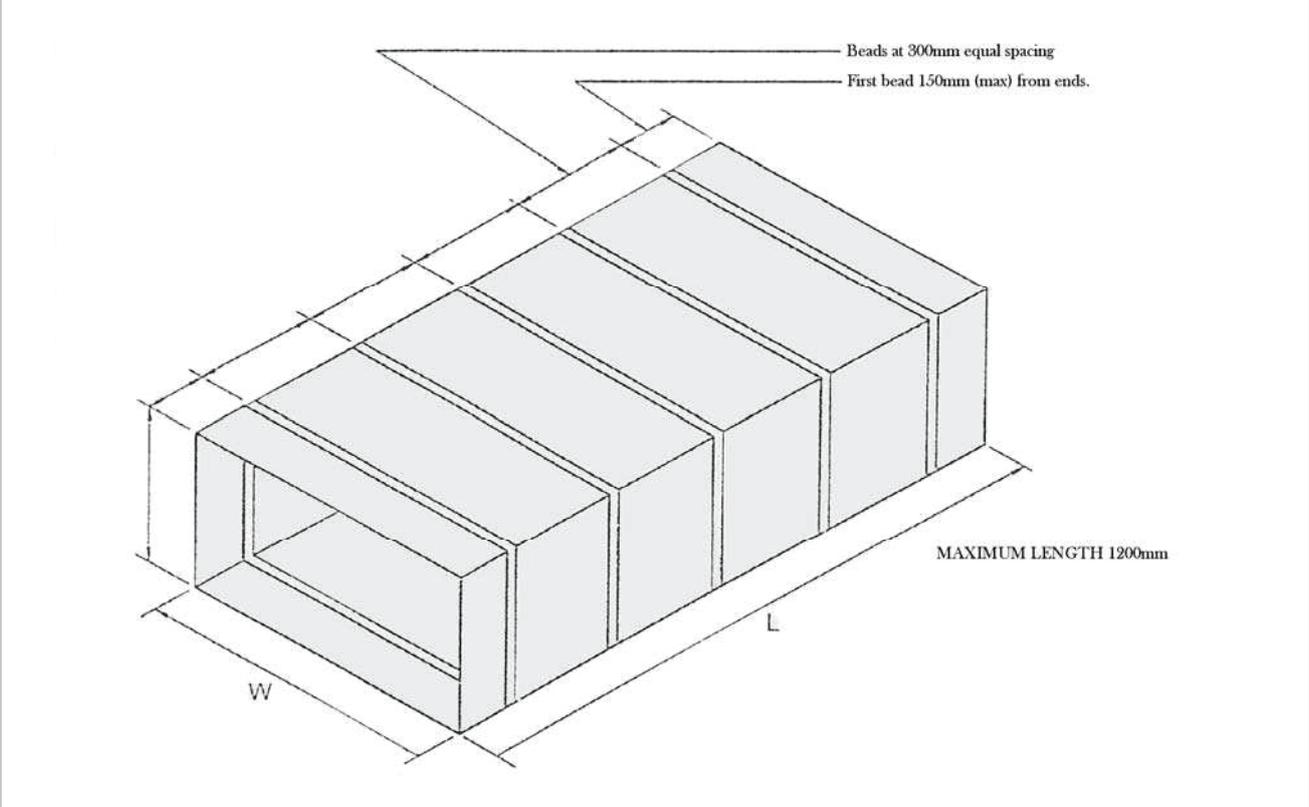
Rectangular Duct System

Transverse Joints:



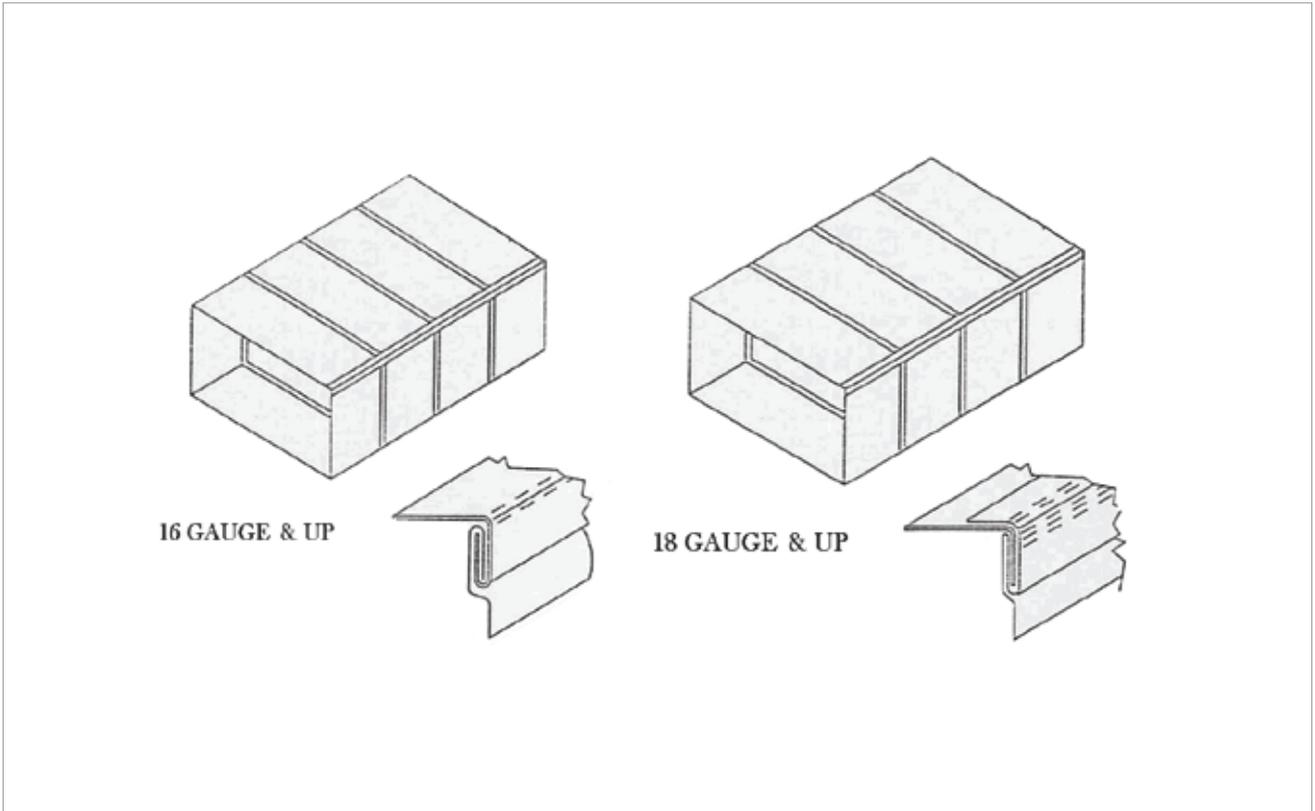
Rectangular Duct System

Rectangular Ducts (Layout)

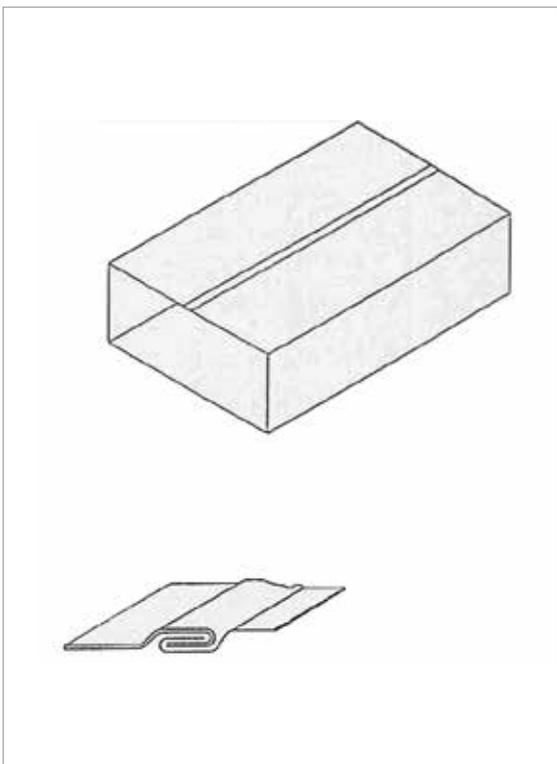


Rectangular Duct System

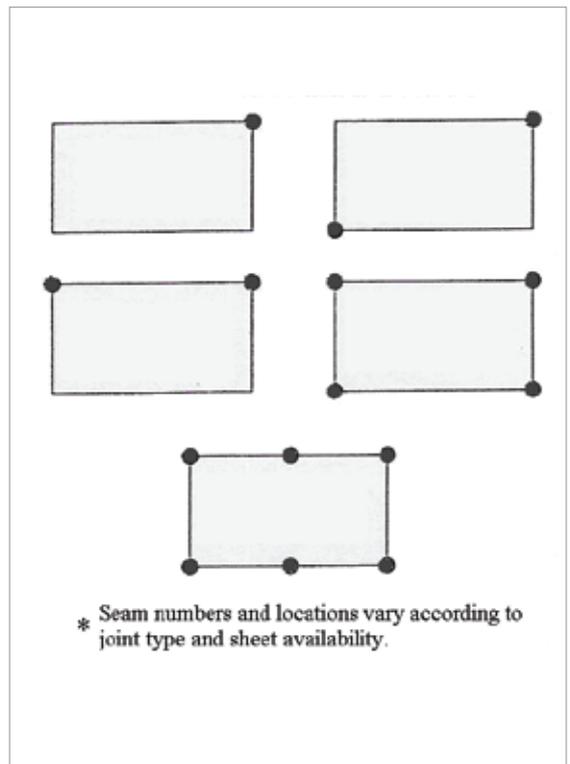
Pittsburg Lock



Grooved Seam

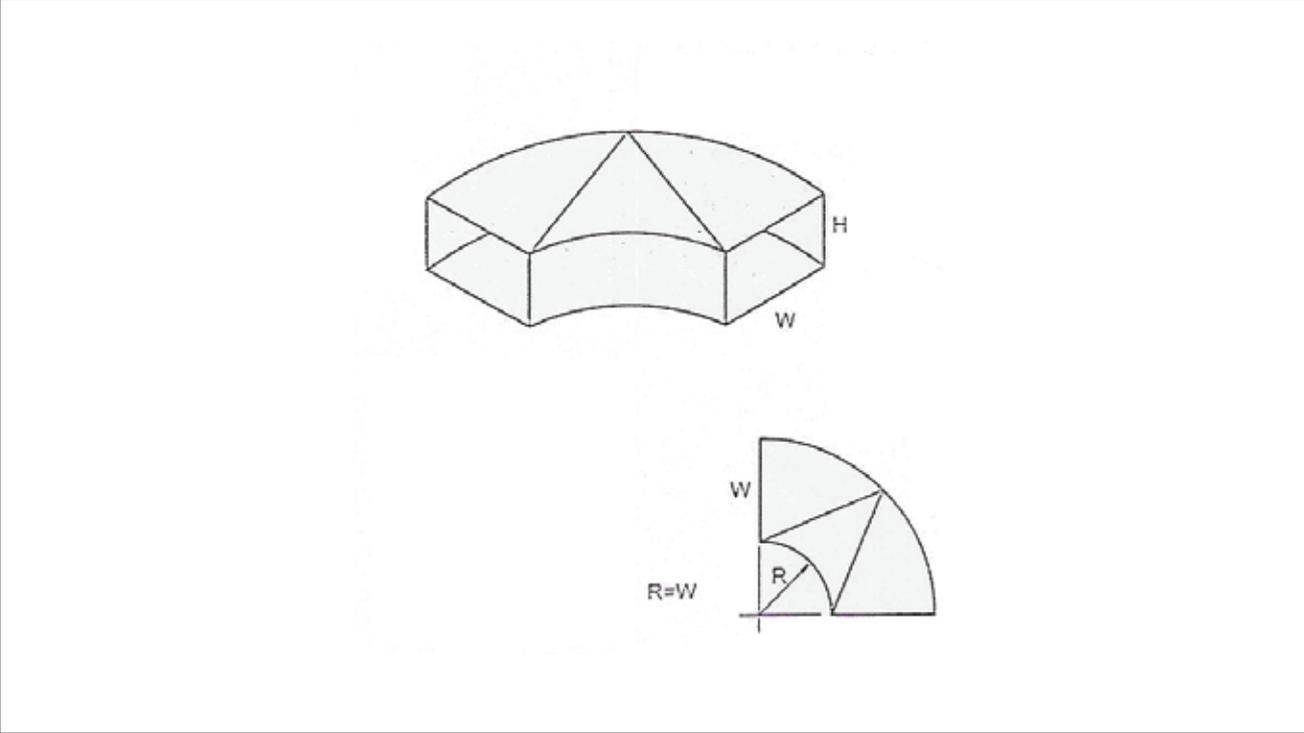


Seam Location

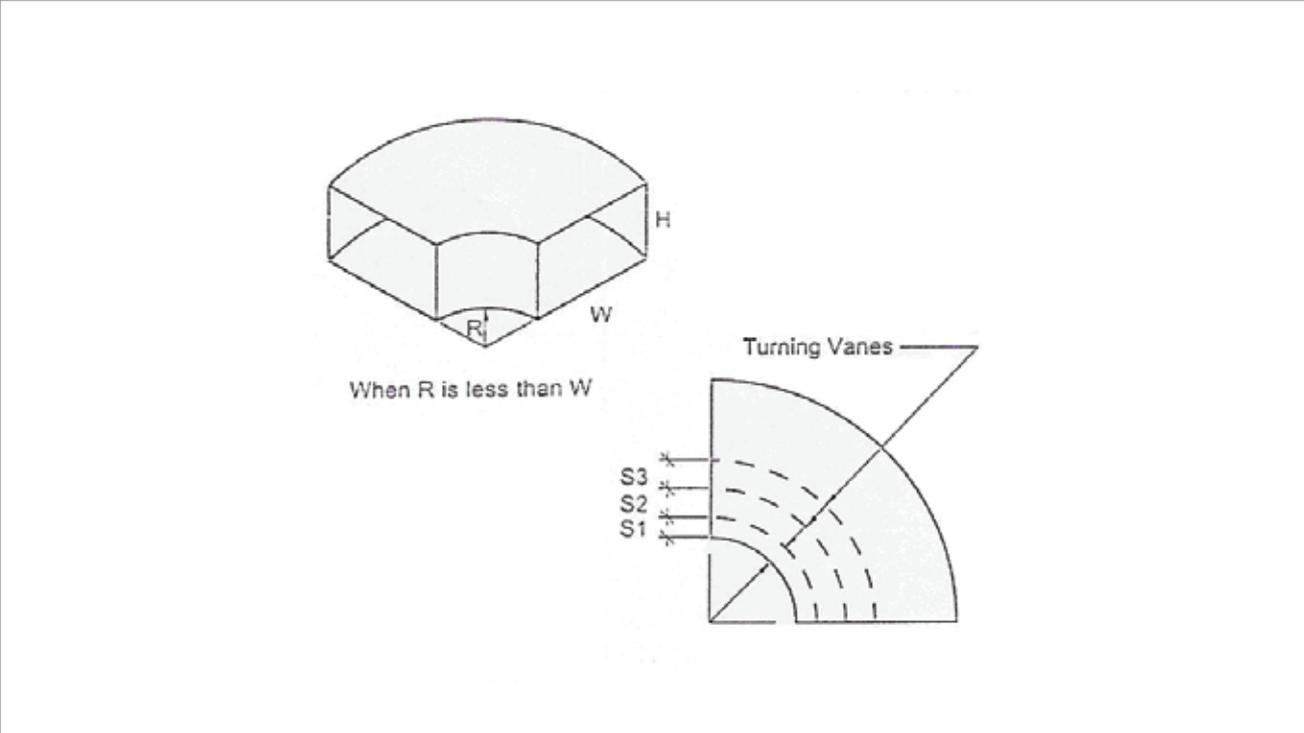


Rectangular Duct System

Full Radius Elbow

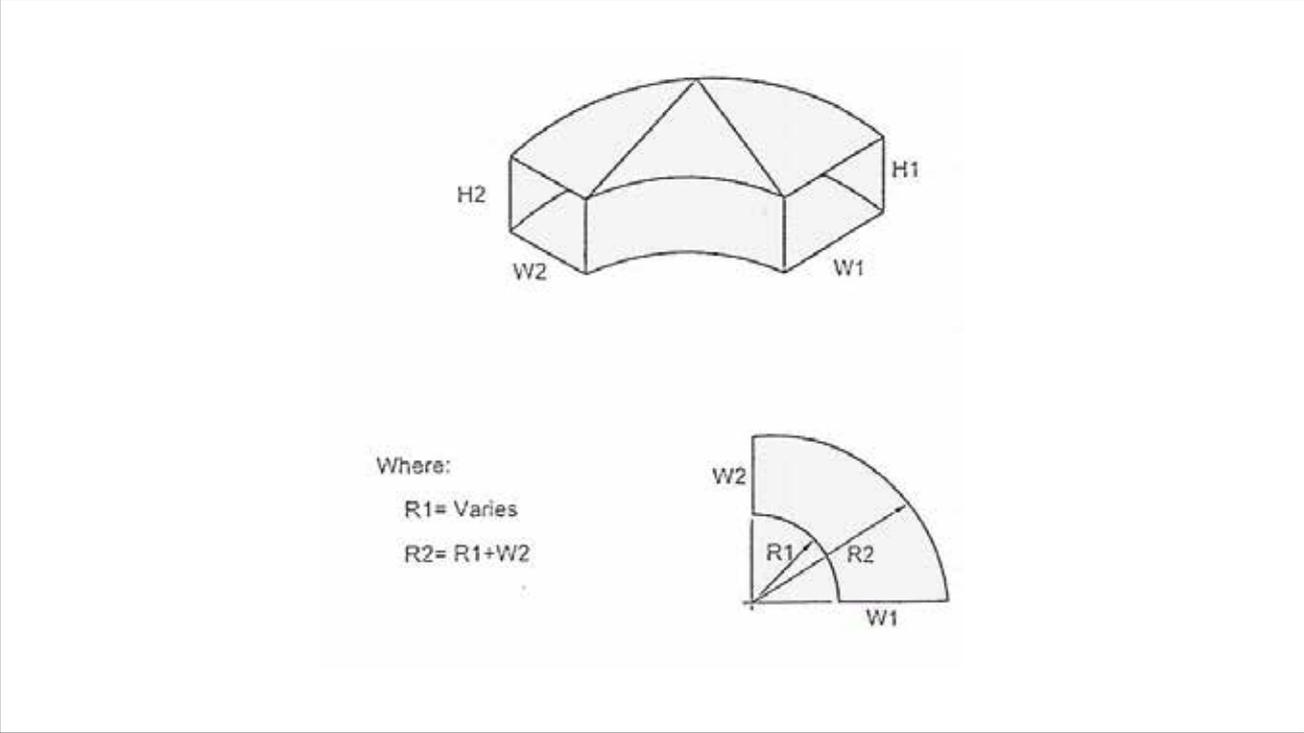


Short Radius Elbow

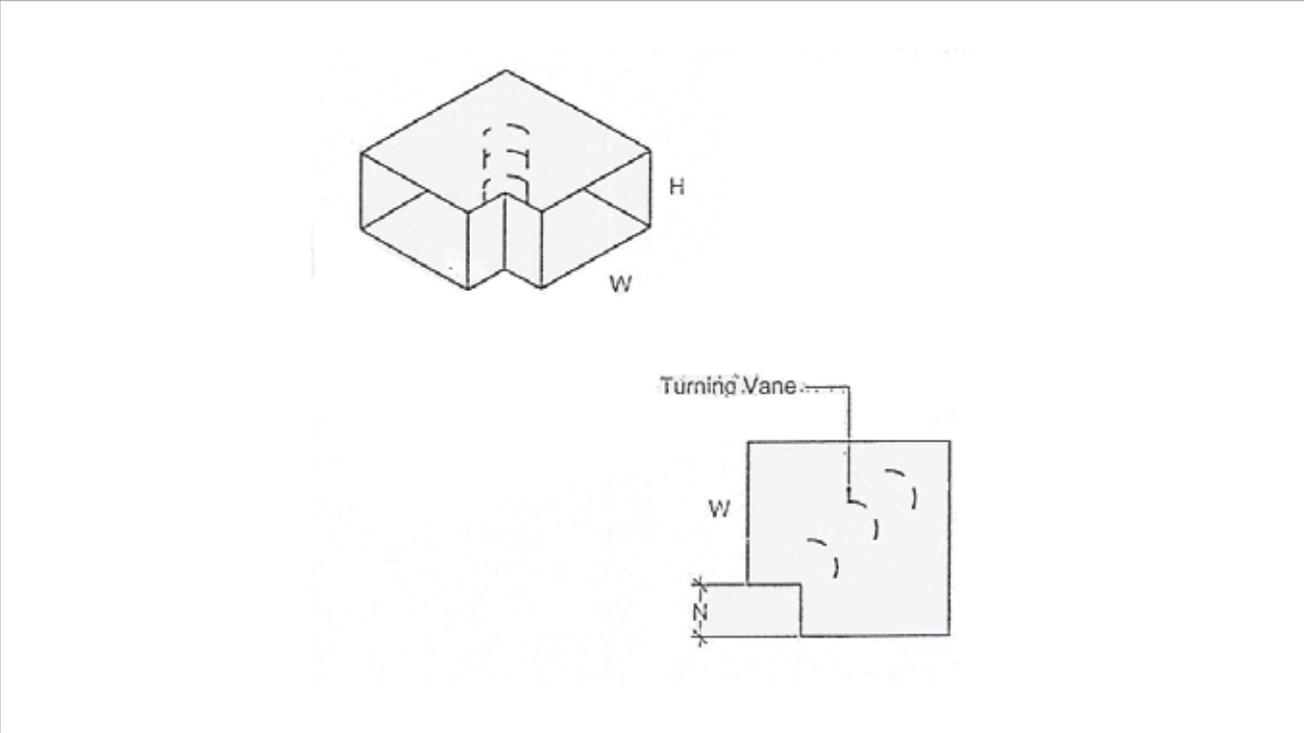


Rectangular Duct System

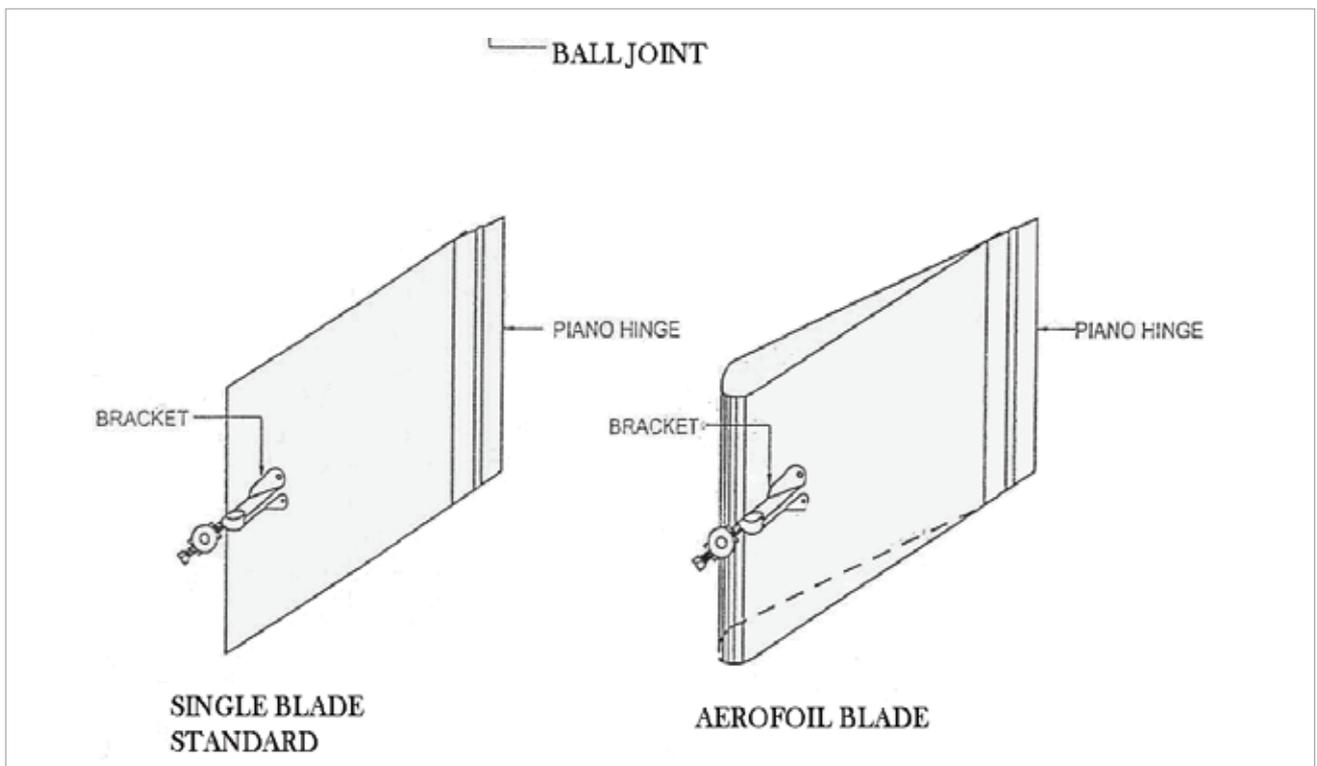
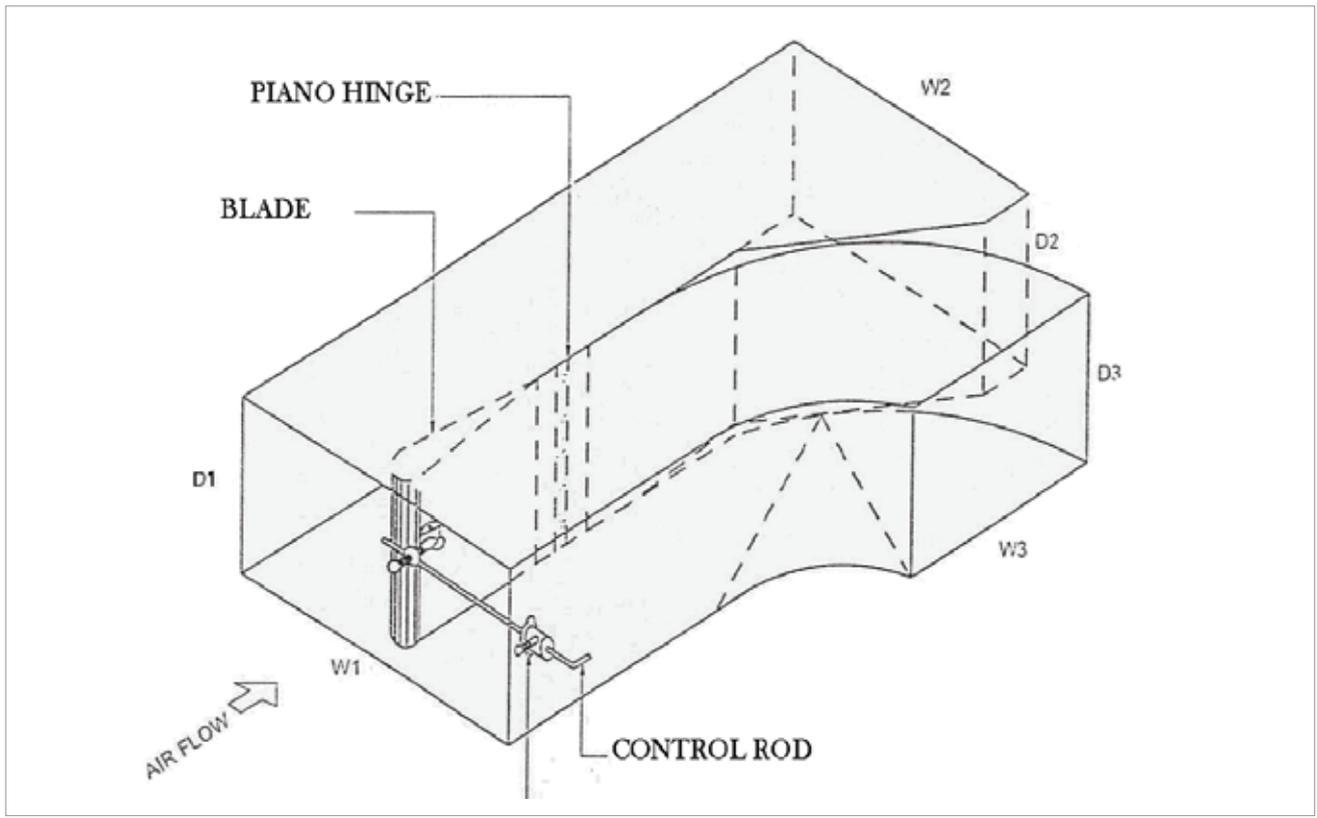
Reducing Elbow



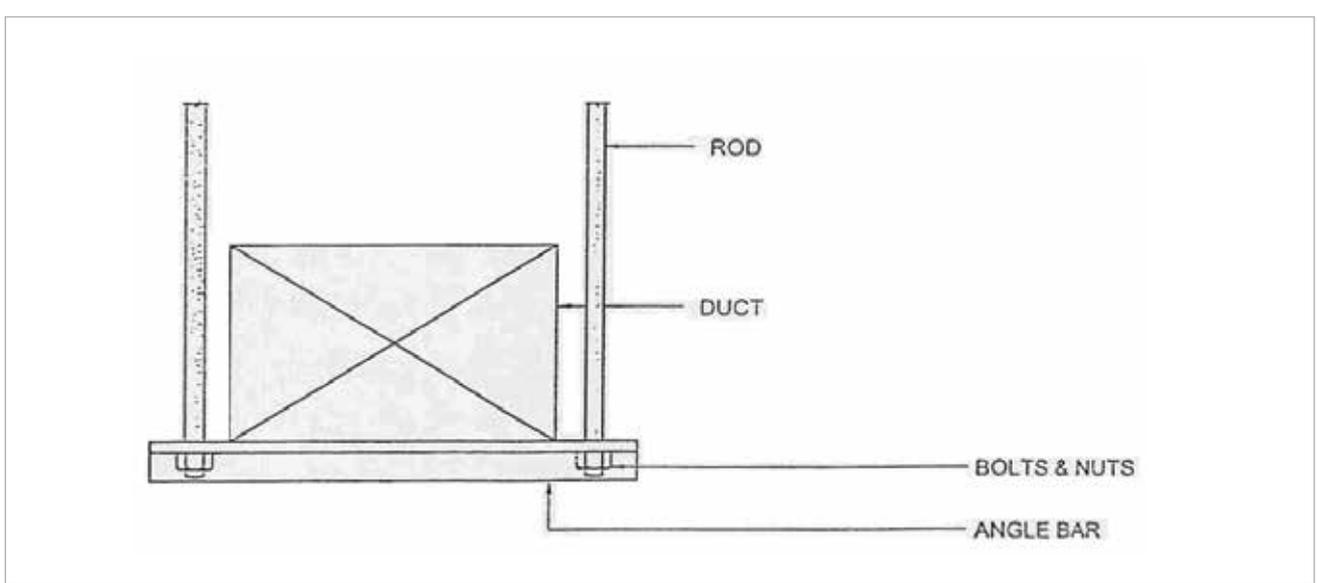
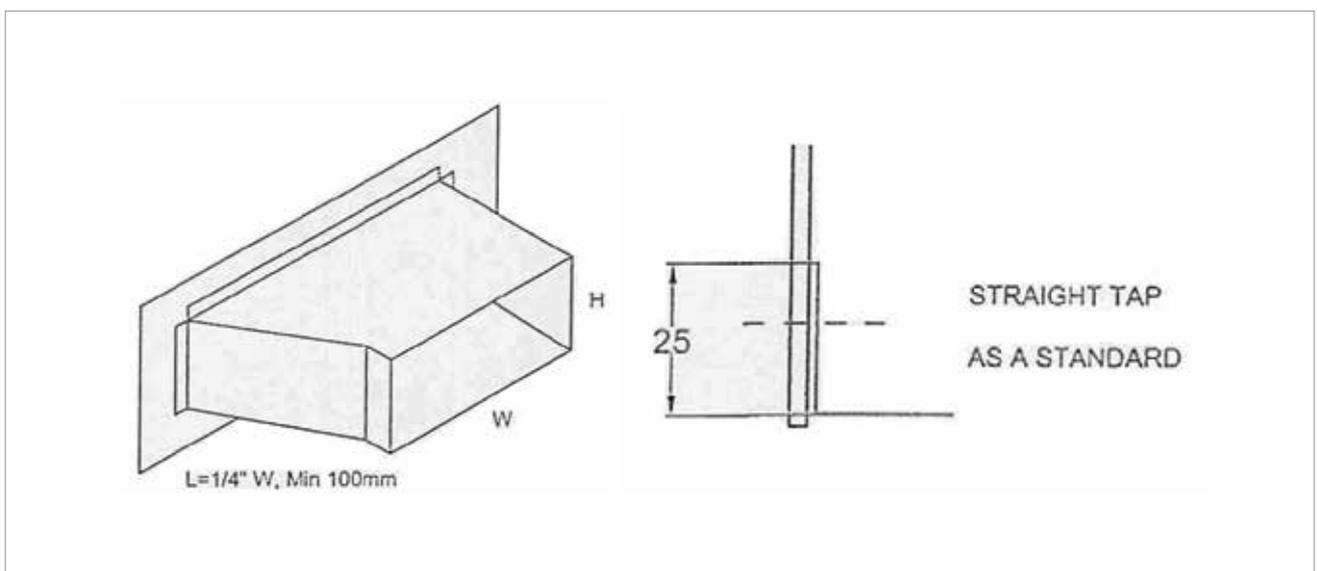
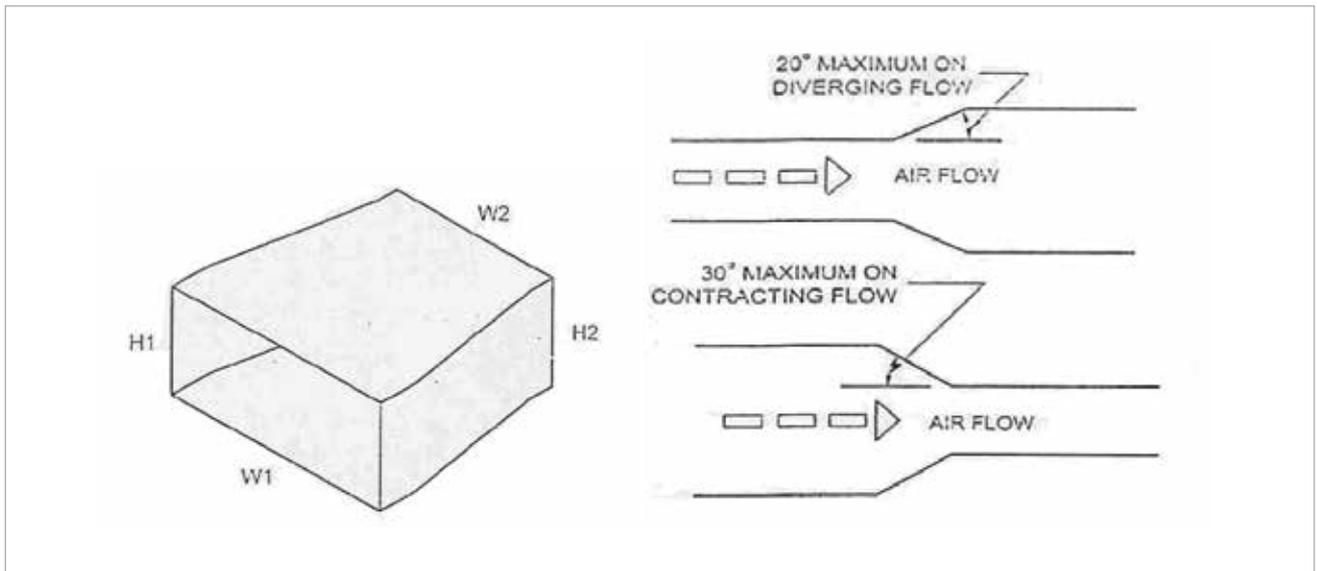
Square Throat Elbow



Rectangular Duct System

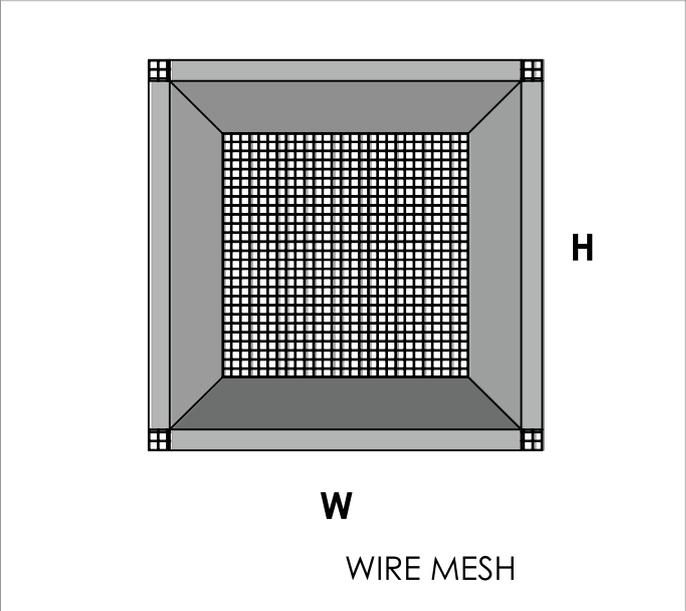
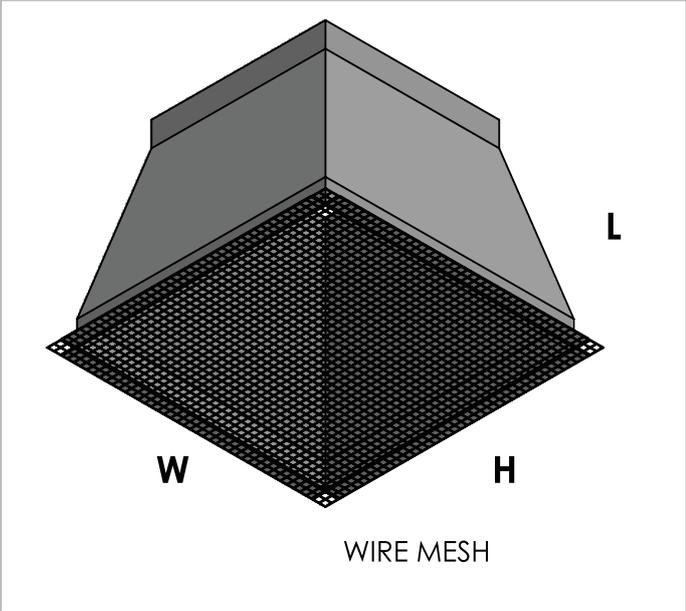
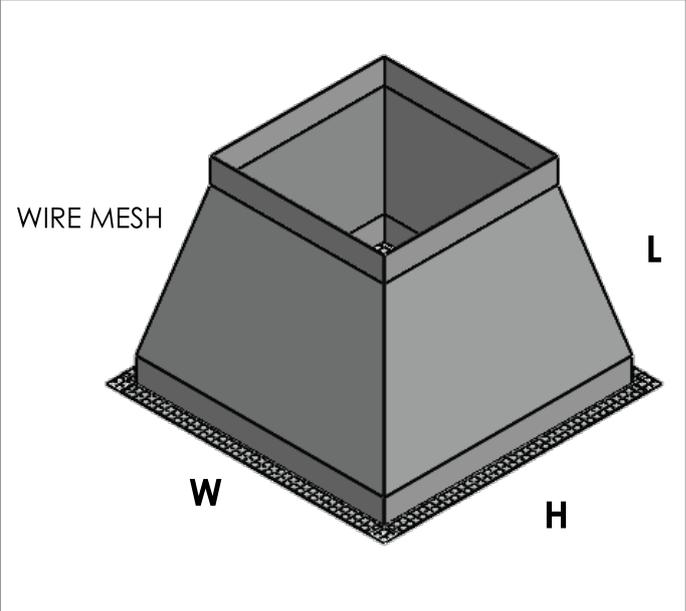
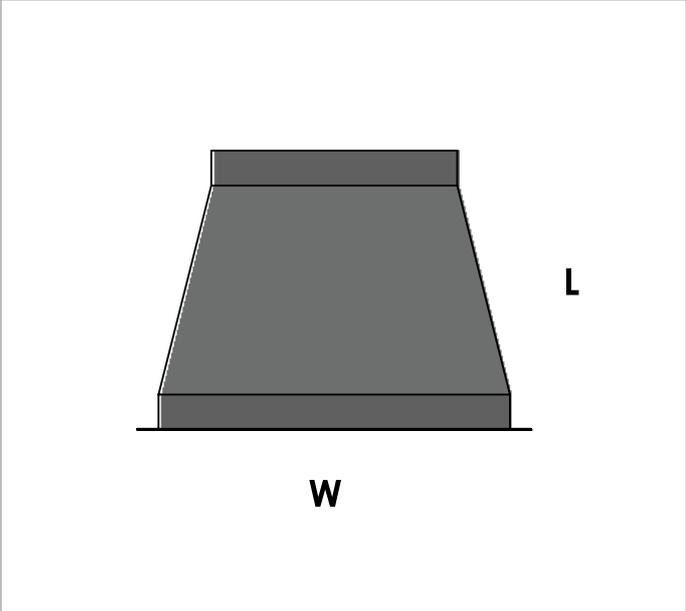


Rectangular Duct System



Rectangular Duct System

Bell Mouth



Product Range

- ▶ Fire-Resisting Ductwork (BS & EN)
- ▶ Fire-rated Insulation (ASTM & UL)
- ▶ Sound Attenuators (ASTM & BS)
- ▶ VAV Boxes (AHRI)
- ▶ Life Safety Dampers (UL)
- ▶ Control Dampers (AMCA & BS)
- ▶ Access Doors (BS & EN)
- ▶ Louvers (AMCA)
- ▶ Smoke Exhaust, Building, Car Park & Tunnel Ventilation Fans (AMCA & EN)
- ▶ Domestic and Industrial Ventilation Fans
- ▶ AHU, FAHU, FCU, RTU, ERV & Ecology Units (Eurovent, TUV & AHRI)
- ▶ Electrostatic Precipitators (ESPs) & UL Listed Air Filters (UL)

Our Brands



Control Dampers, Louvers,
Sound Attenuators & VAV Boxes



Non-Coated Fire-Resisting Ductwork
& Life Safety Dampers



Fire-rated Insulation

Building & Industry



Smoke Exhaust, Car Park &
Tunnel Ventilation



General Ventilation



Global Clean Air
Solutions Provider

**Central Ventilation System
Co. L.L.C**

Al Wasit Street,
Industrial Area 2,
Sharjah, U.A.E

CVS Arabia L.L.C

2nd Industrial City,
Dammam 31952,
K.S.A

**Badr and Asfour
Company For Engineering
and Metal Industries**

Al Minya Industrial Zone,
Al Minya Governorate
2427606, Egypt

**Central Ventilation Systems
Co. W.L.L.**

Street 9,
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