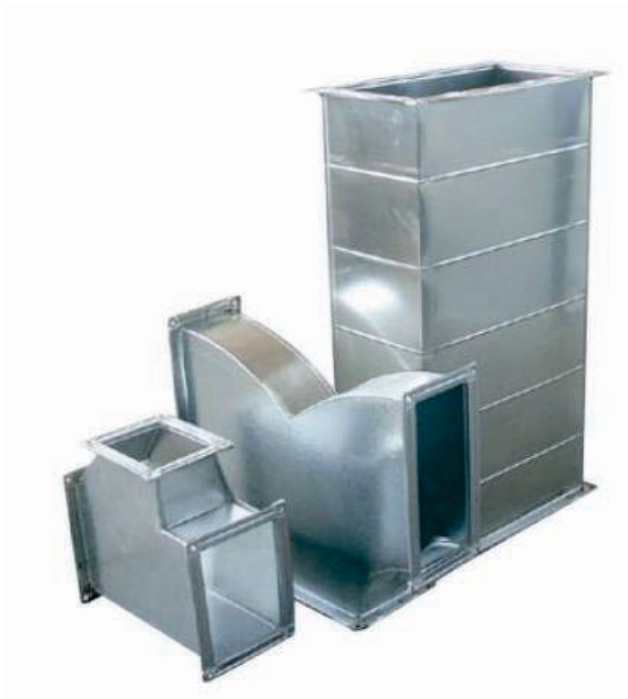
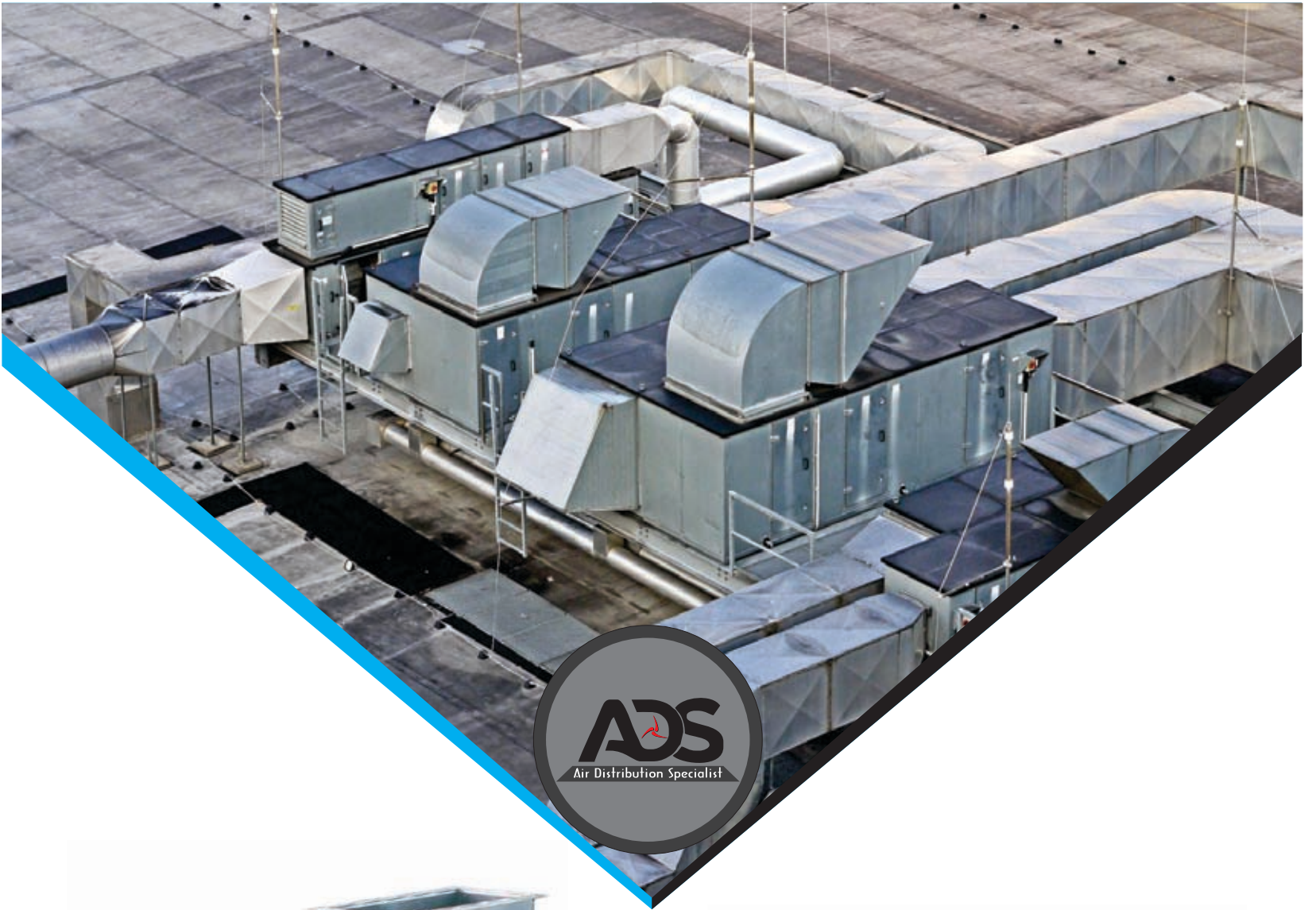




AIR DISTRIBUTION SPECIALIST



OUR VISION

By continually delivering products and services that exceed the customer's expectations, the company continues to advance into the future as a leading Engineering and Material Handling enterprise in India and, eventually, the region.

OUR MISSION

Serves as a framework for all aspects of our company. We create an entrepreneurial attitude and knowledge development inside the organization, which encourages innovation, job happiness, technological enhancement, and achievement through performance recognition. With our workforce, we aim for continuous information improvements. Learning is a major priority in our firm since it is the only way to stay competitive in today's global market. Our management philosophy is "if you help us expand the firm, we will help you grow your career."





ABOUT US

Air Distribution Specialist (ADS) is a Manufacturing Company for products related to the HVAC Industry. We work with the highest efficiency and in accordance with the latest Technologies in conformity with various Indian and British Standards for Duct fabrication, quality, safety and security. We utilize trained and experienced staff (have experiences more than 10 years) specialized in Duct Manufacturing previously in Rolastar, for designing and fabrication with commitment to design, technical parameters and delivery. We had purchased the complete setup of M/s Rolastar Pvt Ltd, North Operation for manufacturing of Factory Fabricated Ducting and utilizing their same standards and tools for fabrication in our plant (with the name of Air Distribution Specialist known as "ADS")

OUR PROMOTERS

Ravi Chauhan is the Managing Partner with Air Distribution Specialist (ADS). He is a youthful and visionary leader. He is a graduate & postgraduate with BBA & MBA respectively, with a dual specialization in sales and finance from Bangalore University. He provides strategic guidance and leadership to help ADS to reach new heights. He is a skilled and motivated leader with over 10 years of expertise in sales and customer relationship management. He feels that the best way to achieve success is to provide the best and most satisfactory service to the clients. He tries his best to motivate his employees so that the output can be better and they can enjoy perks and benefits earned by them. He is a great businessman with enthusiasm and determination. He believes "Doing business with integrity is the only way to do successful business."

Tushar Thakral, a charismatic and out of the box thinker, is the managing partner of ADS (Air distribution specialist), guiding the organization's transformation into an exceptional one. He has done his graduation in B.Tech(Mechanical) and Masters in Marketing. Tushar, the youthful Director, is a highly trained expert with over 7 years of experience in the HVAC sector and customer satisfaction. As Director, he determined the company's future direction, objectives, and a legacy of large employee benefits. His goal is to reach new heights in the HVAC sector by presenting it with a worldwide perspective.



DUCTWORK



Rectangular Ducting



Spiral/Oval Ducting

ADS supplies factory fabricated Rectangular, Spiral Round and Spiral Oval ducts. The company offers support in all aspects of prefabricated duct manufacturing as per SMACNA, IS:655 & DW144 with latest technology. From detailed fabrication drawings to actual production, the staff has the knowledge and experience to design each custom prefabricated duct for maximum function and efficiency.

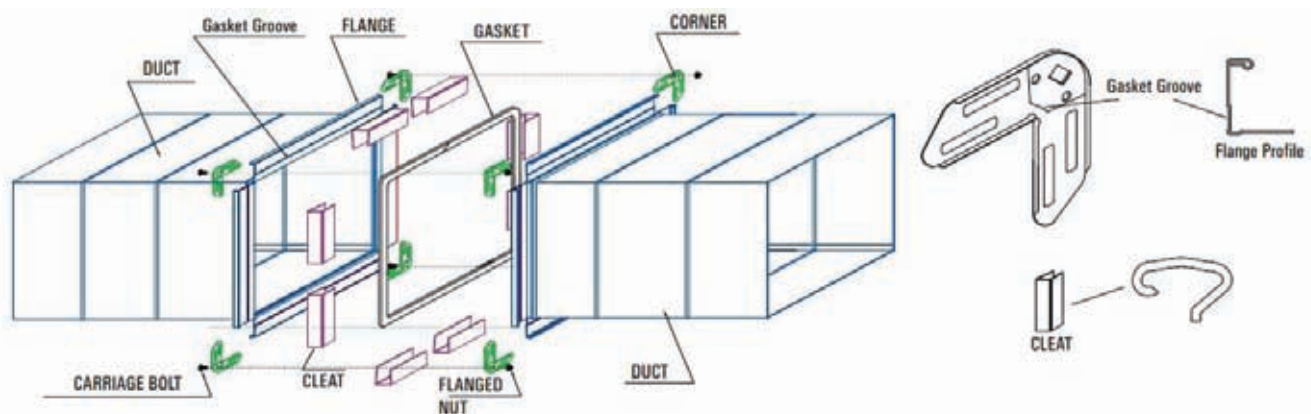
We supply the GI, Aluminum & SS metal ducting as below capacities

G.I Duct: 26G, 24G, 22G, 20G & 18G

Aluminum Duct: 26G, 24G, 22G, 20G, 18G & 16G

S.S.Duct: 26G, 24G & 22G

TDF System



TDF is a flanging system that consists of forming a flange profile on the duct ends, thus made out of a sheet from which the duct is fabricated. TDF is a 4 bolt duct connection system that eliminates time wastage. Rather than using separate connectors to assemble your system, TDF flanges are roll formed onto duct during the manufacturing process. This connection minimizes leakage and installation costs. These TDF flange eliminates the additional internal sealing around the edges of duct & thereby saves the labour & material.

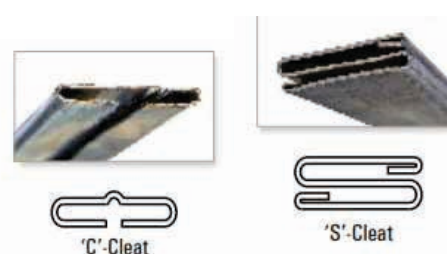
- **Highly accurate flange profiles and components ensure ease of fitting and high-quality assembly.**
- **A Recessed groove on flange and radial groove on corner pieces for proper gasket seating.**
- **Snap fit corner pieces to allow easy fitting at sites.**



Slip & Drive Cleats System

Slip and Drive Cleats system is generally used for low-end, less-critical applications. Traditionally, only the Drive cleats ("C") which are positioning cleats were used for all four sides. This was giving a poor joint. The Slip cleats ("S" / "Standing S") on the alternate opposite sides provide the moderate rigidity to the joint.

While installing, Drive cleats are always fitted on the shorter sides and Slip cleats on the longer sides.



Recommended SMACNA Standard at 4 Feet Transverse Joint Reinforcement

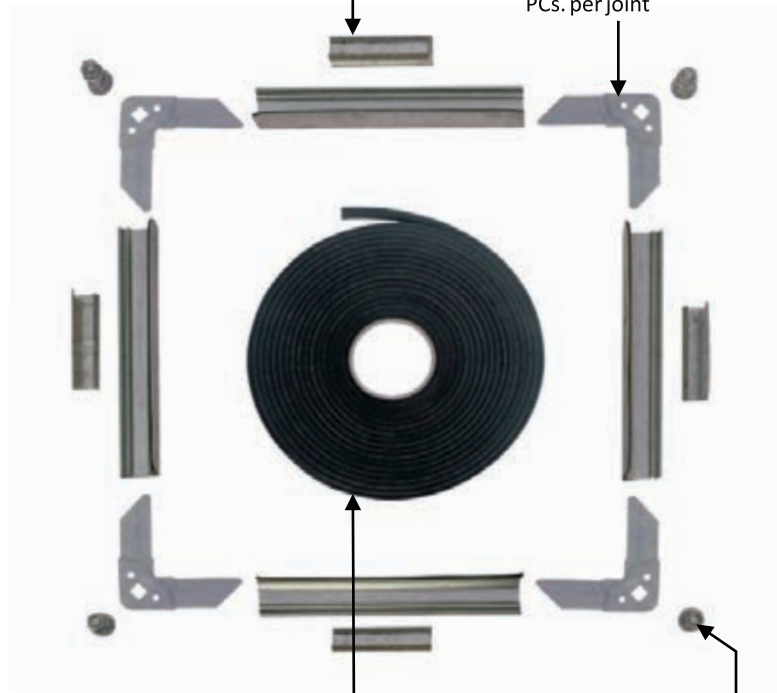
SMACNA STANDARD FOR SELECTION OF TDF DUCT GAUGES for 1220 MM coil						
Duct Dimension	Duct Pressure in Inches / (Pascals)					
	1"(250)*	2"(500)**	3"(750)***	4"(1000)	6"(1500)	10"(2500)
in (mm)	TDF (Rolled on flanges)	TDF (Rolled on flanges)	TDF (Rolled on flanges)	TDF (Rolled on flanges)	TDF (Rolled on flanges)	TDF (Rolled on flanges)
200 & Under	26	26	26	26	26	26
200 – 250	26	26	26	26	24	24
251 – 300	26	26	26	26	24	24
301 – 350	26	26	26	26	24	22
351 – 400	26	26	26	26	24	20
401 – 450	26	26	26	26	24	20
451 – 500	26	26	24	24	24	20
501 – 550	26	26	24	24	22	20
551 – 600	26	26	24	24	22	18
601 – 650	26	26	24	22	22	18
651 – 700	26	26	24	22	20	18
701 – 750	26	24	24	22	20	18 – JTR
751 – 900	26	24	22	20	18	18 – JTR
901 – 1000	24	22	20	18	18 – JTR	18 – JTR
1001 – 1200	24	20	20 – JTR	18 – JTR	18 – JTR	16 – JTR
1201 – 1300	22	20 – JTR	18 – JTR	18 – JTR	16 – JTR	16 – JTR
1301 – 1500	22	20 – JTR	18 – JTR	18 – JTR	16 – JTR	
1501 – 1800	22- JTR	20 – JTR	18 – JTR	16 – JTR		
1801 – 2100	20- JTR	20 – JTR	16 – JTR			
2101 – 2400	18- JTR	18 – JTR	16 – JTR			
2401 – 2700	18- JTR	16 – JTR				
2701 – 3000	16 - JTR					



SLIP-ON FLANGE

1. Slip on Flanges : Roll-formed G.I. Section with embedded sealant. Available in different cross-sections to provide a range of rigidity and strength characteristics.

2. Corners : To be inserted into the hollow we of the slip-on flange. 4 corner PCs. are required for each rectangular frame, 8 corner PCs. per joint



3. Gasket : Self-adhesive, micro cellular, cross-linked, Polyethylene foam type.

4. Carriage Bolts with Flanged Nuts : Electro-galvanised, square-necked carriage bolts, with flanged nuts, Each joint

Slip-On Flanges have been designed to meet the appropriate SMACNA -2005 Reinforcement Classes and to meet the rigidity and leakage requirement in accordance with both

- a) SMACNA testing norms and practices.
- b) Bench marking with leading international 4-Bolt systems.



SLIP-ON FLANGE DUCTING SYSTEM



OUR CLIENTS



SHOPPERS STOP





Air Distribution Specialist

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