FläktGroup®
SEMCO®

ROUND AND OVAL SPIRAL DUCT & FITTINGS

FEATURES	BENEFITS
Round duct.	Performance that equals or exceeds the highest air leakage standard, Class 3, as recognized by SMACNA. Most efficient conveyance of air. Low pressure drop. Less fan horsepower. Lower operation costs. Better acoustic performance because the curved surfaces create less breakout noise.
Flat oval duct.	Nearly as efficient and economical as round duct with more clearance than round duct.
Spiral lock-seam construction.	Lock-seam provides added rigidity, allowing lighter gauges at reduced cost. Aesthetically pleasing in exposed applications.
Available with Velocity® Gasket joints.	Creates an air-tight seal without the need for messy and time consuming sealants in the field.
Fewer Joints.	Fewer joints mean less chance for leakage and reduced field labor cost.
Manifolding	Dramatic reduction in field labor with fewer field joints. More aesthetically pleasing in exposed applications.
Dual Wall Construction	Thermal properties reduce chances of sweating without the need for external insulation. Acoustic properties reduce system noise.
Paintable exterior is available as an option	Can be field painted to enhance architectural appearance.
Flange joint options available	Simplifies field installation, reducing labor cost by as much as 50%.
Available stainless steel, aluminum and PVC coated	For systems requiring corrosion and moisture resistance

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VERSATILE APPLICATIONS

TIME SAVING

PANEL SOLUTIONS

ENGINEERED PERFORMANCE WITH COST REDUCTION

Partnering with FläktGroup® SEMCO® saves you time and money, keeping you ahead of the rigorous demands of today's construction market. PANEL Solutions are delivered to your jobsite when you need them, ready to install. For engineered performance, time saving, cost reduction, and simplified project management, build smarter with PANEL Solutions.

PANEL SOLUTIONS

FEATURES	BENEFITS
Roll formed tongue-and-groove construction, fully enclosed and insulated joint.	Better fit with closer tolerance.
Factory cut and framed openings.	Seals exposed insulation and reduces field labor.
Pre-formed corner panel up to 12'-0" long.	Added strength, rigidity, and easier installation.
No screws through panel joints.	Eliminates the possibility of air and noise leaks that may occur by adding screws and also reduces the installed cost.
Computer aided structural steel design.	Prevents the overkill of structural design, provides end user with calculated safety factor, and reduces installation cost by as much as 15%.
Large 24"x66" standard doors with or without 12"x12" double pane wire glass window.	Lower door cost through mass production and stocking of standard doors.
Optional single door sizes from 18"x48" to 36"x84." Double doors available to 72"x84."	Flexible design to meet special requirements.
Factory interior cuts, semicircular cuts, notches, and sloped ends as required.	Reduces installed costs and accommodates equipment retrofits.
AutoCAD drawings with panel layout, installation details, and individual panel markings.	Shortens the approval process and reduces field labor.
Removable panels up to 43.75"x140."	Easy replacement of component parts.
Paintable exterior is available as an option.	Can be field painted to match other equipment.
Factory applied powder coat for panel exterior available as an option.	Superior coating system.
High transmission loss panel systems. (HTL)	Flexibility in product selection to meet critical noise levels.
Pre-hung doors and completely insulated panel joints.	Saves 10% field labor and provides for a total acoustical and thermal barrier.
Tongue-and-groove panel is fully insulated at the male-female joint.	Eliminates field insulation of joints. Eliminates need for screws at joints. SEMCO gives you a better acoustic and thermal joint with less installation time.

FläktGroup SEMCO delivers smart and energy efficient Indoor Air and Critical Air solutions to support every application area. We offer our customers innovative technologies, high quality and outstanding performance supported by more than fifty years of accumulated industry experience. The widest product range in the market, and strong market presence in 65 countries worldwide, guarantee that we are always by your side, ready to deliver Excellence in Solutions. We offer a complete line of sound attenuating products, including rectangular & round silencers, Media Free silencers, custom silencers, and acoustic enclosure panels designed to eliminate your HVAC noise problems. Whether your project requires a custom solution or an off the shelf selection, our years of HVAC experience will provide the best solutions possible.

U.S. GREEN BUILDING COUNCIL MEMBER