



## Air Distribution Solutions





EHG is an American-based manufacturing company which develops, manufactures, and markets sheet metal products and system solutions for the HVAC industry. As a division of DMI Companies, EHG's mission is to become North America's preferred air solution's provider.



Portsmouth, Virginia serves as EHG's manufacturing center and North American headquarters. Products are distributed to the market through a network of trusted representatives.



As a yellow label union manufacturer of spiral duct and fittings, EHG is a proud partner of the Sheet Metal Worker's International Association (SMWIA).



# Product Options

EHG can help you customize your order to suit your project needs. We offer special materials, coatings, shipping options and accessories.

- Aluminum, Aluminized
- Stainless Steel
- Galvanneal, Galvalume
- Clean and Capping Options
- PVC Coated Pipe
- Epoxy Coated Systems
- Antimicrobial Single & Double Wall
- Manifolding Options



## Support Options

EHG delivers support you can count on; service that others may not provide.

You can rely on our experienced staff members to provide:

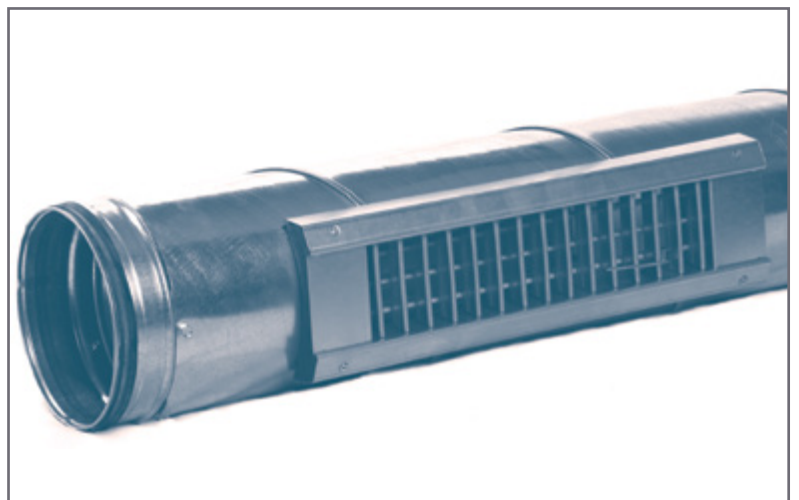
- In-house Estimating Services
- Project Management
- Installation Drawings
- Quick Ship Programs: Next day, 3-day or 6-day
- Online Submittals
- Special Packaging/Racking
- Customer Display Center
- Product Training
- Pricing Software - PC-based estimating program
- Marketing Support



# EHG G-3<sup>®</sup>

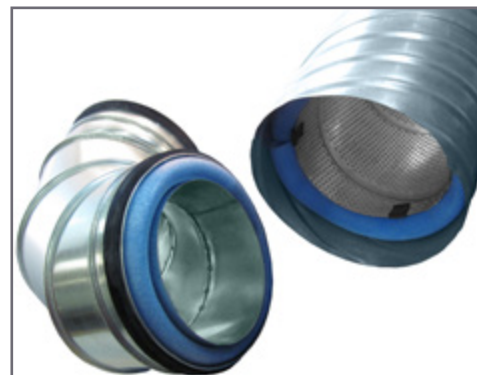
EHG G-3<sup>®</sup> ductwork products offer the following superior features and benefits:

- Complete line of spiral duct and fittings from 3"- 60" diameter
- Factory installed triple-lipped self-sealing gasket on all fittings
- Manufactured to strict published manufacturing tolerances
- Built in accordance with 2005 SMACNA HVAC Duct Construction Standards for +10" WG
- Gasket material UL classified (ASTM Std. E84-91a): Flame spread: 0, Smoke developed: 5
- Fast and easy installation
- May be installed in all weather conditions; temperature rated for -20 °F to +212 °F
- Meets SMACNA Leakage Class 3 performance
- Adjustability – fittings can be rotated 360° during installation
- Rolled edges on fittings and corrugations on duct add strength and reduce risk of injury
- EHG's Leading Edge
- Mechanically-formed seam lock prevents spiral seam slippage



# EHG G-3<sup>®</sup> Double Wall Round

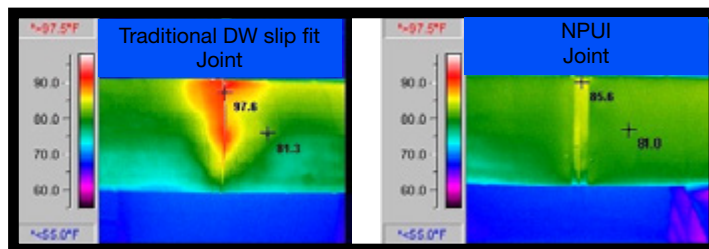
EHG G-3<sup>®</sup> Double Wall is a patented internally insulated self-sealing duct system that delivers high quality acoustical and thermal performance. Available in 1" and 2" insulation thickness and up to 60" o.d.



- Single slip connection - - double wall that installs like single wall ...  
30-50% less time than traditional slip fit connection
- Fiber retention system prevents fiberglass erosion while maintaining acoustical performance
- Rolled edges on fittings and corrugations on duct add strength and reduce the risk of injury
- Meets SMACNA Leakage Class 3 performance and built in accordance with 2005 SMACNA HVAC Duct Construction Standards for +10" WG
- EHG's Leading Edge eliminates the need for expensive flanges for diameters over 26" while maintaining system flexibility

## Thermal Performance

*Traditional slip vs EHG single slip double wall*



# Flat Oval Single Wall & Double Wall

EHG Flat Oval combines the space savings of rectangular with the performance benefits of round ductwork.

Flat Oval is offered in both single wall and double wall construction and in a wide range of sizes. Standard construction is spiral. Long seam construction is optional.



# Industrial Solutions

EHG's industrial specialists are available to help you provide the right industrial system for your project.

Built in accordance with SMACNA's Round Industrial Duct Construction Standards, for system pressures ranging from -30 to +50 iwg.

- Heavy Gauge Construction
- Longitudinally-welded Duct
  
- Coatings Available
  - Corrosion Resistance
  - Antimicrobial Applications
  
- Materials or construction
  - Galvanized Steel
  - Aluminized Steel
  - Epoxy and PVC Coated Steel
  - Type 3003 Aluminum
  - High-temp Silicone Gasket Connection
  - Black Iron
  - Paint-grip Galvanized
  - Antimicrobial Coated Steel and/or Fabric (DW only)
  - Type 304 and 316 Stainless Steel



## Dust Collection

EHG's dust collection duct system is suitable for:

- Particle transportation from woodworking, such as saw mills, carpenters, & craft workshops
- Comfort Ventilation
- Plasma Cutters
- Specially designed ventilation plants where you have extra demands for form, color and appearance
- Joined easily with a gasketed tension clamp
- Available in diameters 3"-20"
- System accessories include blast gates and floorsweeps



# Comfort

## Sound Attenuation

- Round Silencers: designed with a spiral seam outer shell, inner perforated shell, and inorganic glass fiber sound absorption material.
- Rectangular silencer: manufactured with a galvanized frame and baffles made with Lindtec™, a sound absorption material. The SLRS has a low pressure loss and a low generation of flow noise.



## Air Distribution

- Registers: The DMR is a supply/return register with adjustable double deflection blades and a volume damper designed specifically for direct mounting on a spiral duct.
- Drum louvers: The DRLAA supply drum louver has adjustable air flow patterns in both the horizontal and vertical planes for maximum versatility.
- Diffusers: Versio ceiling diffusers are square and have magnetic faceplates allowing for easy inspection and cleaning. Forno mixed ventilation diffusers are offered in round or square designs and have interchangeable faceplates.
- Ventiduct: Ventiduct is an air distribution system consisting of spiral ducts enhanced by a number of small nozzles carefully placed into the duct wall. VSR can be ordered with various nozzle patterns for specific demands.



## Energy Efficiency

- Chilled beams: Radiant/Convection beams are designed with the sole purpose of ensuring a pleasant and comfortable indoor climate. Simple and discrete designs allow for flexible integration in virtually all suspended ceiling solutions.





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