

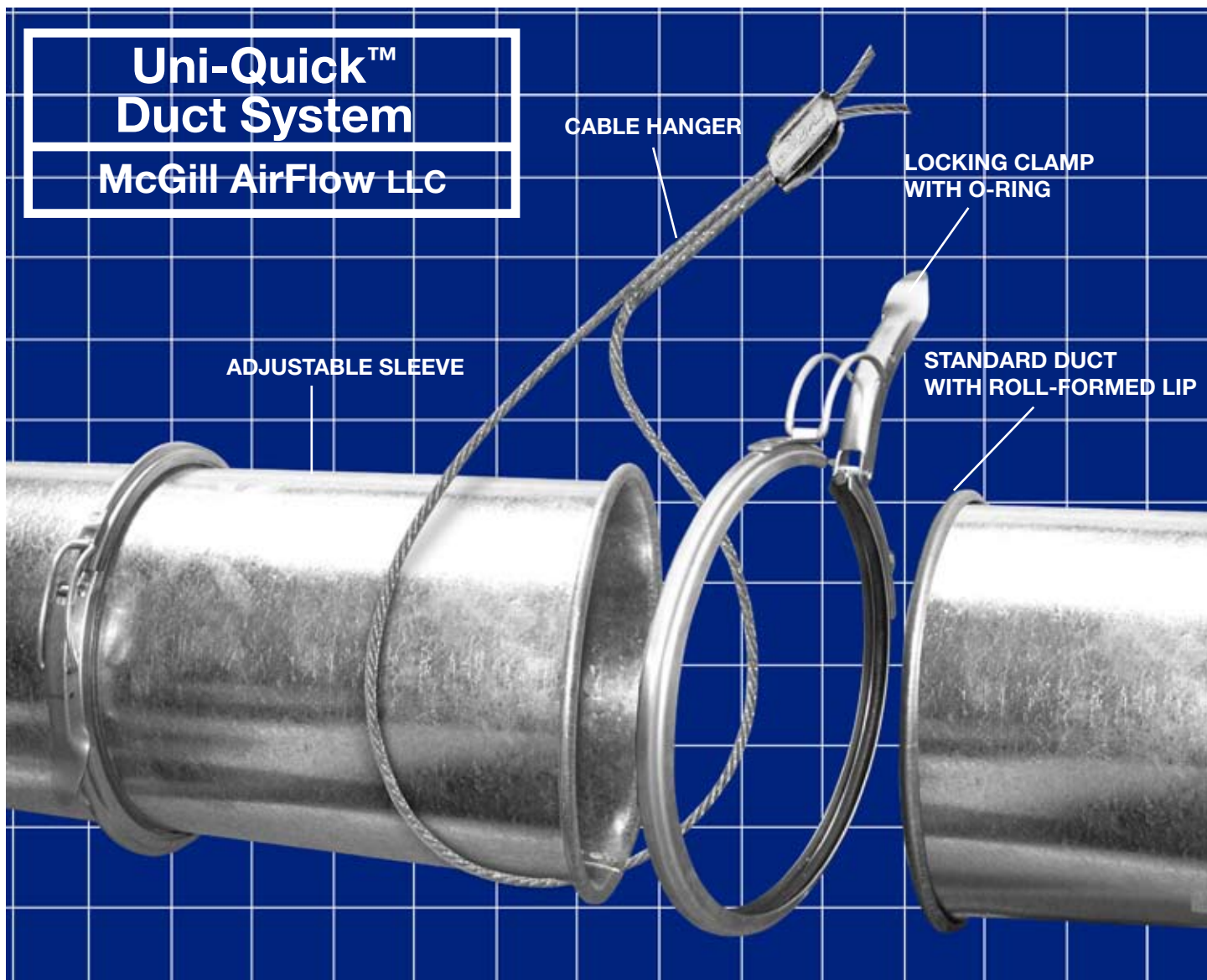
McGill AirFlow LLC

An enterprise of United McGill Corporation —
Family owned and operated since 1951

Uni-Quick™ Moveable Duct System

DUST COLLECTION and MATERIAL
HANDLING APPLICATIONS

a McGill AirFlow™ product



McGill AirFlow's Uni-Quick™ moveable duct system lowers the cost of installation and minimizes downtime when moving dust collection and material conveying duct systems. The Uni-Quick duct system is designed to quickly assemble, disassemble, and reassemble to meet changing application requirements. Standard construction is applicable for +10 to -30 wg systems. Contact McGill AirFlow for applications exceeding those conditions.

Comprised of round sheet metal duct with standard roll-lipped ends, the Uni-Quick duct system is supplied in standard and heavy gauge metal. Elbows (pleated, welded, and tube), branches (single and double), T- and Y-connectors, in-cuts, and cut-offs enable designers to develop optimal configurations.

Various adapters and reducers, butterfly valves, floor sweeps, ball joints, and flex hoses are easily connected, quickly and securely, using welded, O-ring-lined, snap-on clamps. Blast gates with automatic controls permit tuning configurations to application-specific airflow requirements. Radial arm hoods, No-Loss stack heads, bellmouths, in-line back blasts, and vibration dampers are available to meet all requirements. Standard O-ring gaskets are made from Buna-N, which is temperature resistant to a maximum of 250°F. Other O-ring materials include hi-temp red silicone (max 500°F), and FDA food-grade rubber, Goretex®, and Viton® for oil mist applications (all max 250°F).

Standard round duct in five-foot lengths is offered in 3- to 22-inch

(except 21 inches) diameters in one-inch increments in galvanized or stainless steel.

Adjustable sleeve pipe assemblies maximize flexibility for challenging system configurations. The standard adjustable sleeves are 11 inches long and provide 11 to 18 inches of adjustment. Clamp-on connectors with rubber O-rings ensure airtight seals.

Duct systems are suspended using hangers made from woven-wire cable, which is offered in three load-measured gauges. Hangers are quickly attached using hardened, self-locking metal grips.



Uni-Quick Duct and Fittings – Available Sizes, Materials, and Thicknesses

| Component | Diameters and Configurations | Materials | Gauges |
|--|--|---|--------|
| Standard Duct 5-foot lengths | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 26-20 |
| Adjustable Sleeve Pipe Standard 11 inches | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 26-20 |
| Clamp | 3-22 inches (except 21) in 1-inch increments | Stainless Steel | - |
| Elbow – Tubed | 3, 4, 5, 6, 8 inches with standard (1.5) or long (2.5) radii and 45° or 90° bends | Galvanized or Stainless Steel | 14 |
| Elbow – Stitch Welded | 3-12 inches in 1-inch increments with standard radius (1.5) and 45° or 90° bends | Galvanized | 22 |
| Elbow – Segmented | 7-22 inches (except 21) in 1-inch increments with standard (1.5) or long (2.5) radii and 30°, 45°, 60°, or 90° bends | Galvanized or Stainless Steel | 20-18 |
| Elbow – Pleated, Non-Welded and Welded | 3-15 inches in 1-inch increments with standard (1.5) or long (2.5) radii and 30°, 45°, 60°, or 90° bends | Galvanized | 22-20 |
| Branch – Tee on Taper | 3-22 inches (except 21) in 1-inch increments with 30°, 45°, or 90° angles | Galvanized or Stainless Steel | 18 |
| Double Branch – Tee on Taper | 3-22 inches (except 21) in 1-inch increments with 30°, 45°, or 90° angles | Galvanized or Stainless Steel | 18 |
| Y Branch | 3-22 inches (except 21) in 1-inch increments with 30°, 45°, or 90° angles | Galvanized or Stainless Steel | 18 |
| In-Cut | 3-22 inches (except 21) in 1-inch increments 30°, 45°, or 90° angles | Galvanized or Stainless Steel | 18 |
| Cut-Off | 3-22 inches (except 21) in 1-inch increments with 30°, 45°, or 90° angles, full or half | Cast Aluminum Frame, Galvanized or Stainless Steel Blades | - |
| Blast Gate – Airtight | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 14 |
| Adapter – Straight | 3-22 inches (except 21) in 1-inch increments, 5 inches long | Galvanized or Stainless Steel | 20-24+ |
| Adapter – Flanged | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 20-24+ |
| Adapter – Hose | 3-22 inches (except 21) in 1-inch increments, 5 inches long | Galvanized or Stainless Steel | 20-24+ |
| Reducer | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 20 |
| Butterfly Valve | 3-22 inches (except 21) in 1-inch increments, 11 inches long | Galvanized or Stainless Steel | 20-24+ |
| Rectangular-to-Round Transition | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 20-18 |
| Floor Sweep | 4-8 inches in 1-inch increments | Galvanized or Stainless Steel | 18 |

Uni-Quick Duct and Fittings – Available Sizes, Materials, and Thicknesses (continued)

| Component | Diameters and Configurations | Materials | Gauges |
|--------------------------------------|--|-------------------------------|--------|
| Ball Joints | 3-12 inches in 1-inch diameter | Galvanized | – |
| End Cap – Closed End or Bird Screen | 3-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | – |
| Rubber Flex Hose | 2, 2.5, 3-10 inches in 1-inch increments, and 12-24 inches in 2-inch increments | Black or Clear Rubber | – |
| Steel Flex Hose – Rigid | 2, 2.5, 3-10 inches in 1-inch increments, and 12 inches | Steel | – |
| Steel Flex Hose – Flexible | 3-8 inches (except 7) in 1-inch increments | Steel | – |
| Hose Clamp | 2, 3, 4, 5, 6, 8, 10, 12 inches | Steel | – |
| Radial Arm Hood | 4, 5, and 6 inches | Galvanized | 18 |
| No-Loss Stack Head | 4-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 24-20 |
| Vibration Dampener | 4-10 inches in 1-inch increments and 12-30 inches in 2-inch increments | Galvanized or Stainless Steel | 20 |
| Bellmouth (short radius) | 4-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 18 |
| Diverter Valve – Manual or Automatic | 4-22 inches (except 21) in 1-inch increments | Galvanized | – |
| Saddle | 4-22 inches (except 21) in 1-inch increments | Galvanized or Stainless Steel | 16-14 |
| Hanger | Sizes 3-5 Includes 15-foot cable, 1 gripper and release pin (Additional accessories available) | Steel | – |

Uni-Quick Duct and Fittings



Standard
Standard Duct 5-Foot Lengths



Elbow – Pleated,
Non-Welded and Welded



Adjustable Sleeve Pipe
Standard length: 11 inches



Blast Gate – Airtight



Floor Sweep

Uni-Quick Duct and Fittings (continued)



Branch - Tee on Taper



Double Branch - Tee on Taper



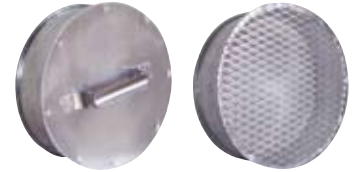
Standard Adapter
Flanged Adapter



Clamp



Adapter - Hose



Closed End End Cap
Bird Screen End Cap



Ball Joint



Elbow - Tubed



Butterfly Valve



Reducer



In-Cut



Elbow - Stitch Welded



Y Branch

Full Cut-Off



Rubber Flex Hose



Steel Flex Hose
Available Rigid



Elbow - Segmented

Half Cut-Off



Rectangular-to-Round Transition



Hose Clamp



Bell Mouth
(short radius)

Cut-Offs

Uni-Quick Duct and Fittings (continued)



Radial Arm Hood



Diverter Valve –
Manual or Automatic



No Loss Stack Head



Vibration Dampener



Saddle



Hanger

The products depicted in this data sheet were current at the time of publication. As a quality-conscious manufacturer, McGill AirFlow continually seeks ways to improve its products to better serve its customers. Therefore, all designs, specifications, and product features are subject to change without notice.

United McGill™ and McGill AirFlow™ are trademarks of United McGill Corporation.

Goretex® is a registered trademark of W.L. Gore, Inc.

Viton® is a registered trademark of DuPont Dow Elastomers.

McGill AirFlow LLC

An enterprise of United McGill Corporation —
Family owned and operated since 1951

One Mission Park
Groveport, Ohio 43125-1149
614/829-1200, Fax: 614/829-1291
E-mail: marketing@mcgillairflow.com
Web site: www.mcgillairflow.com