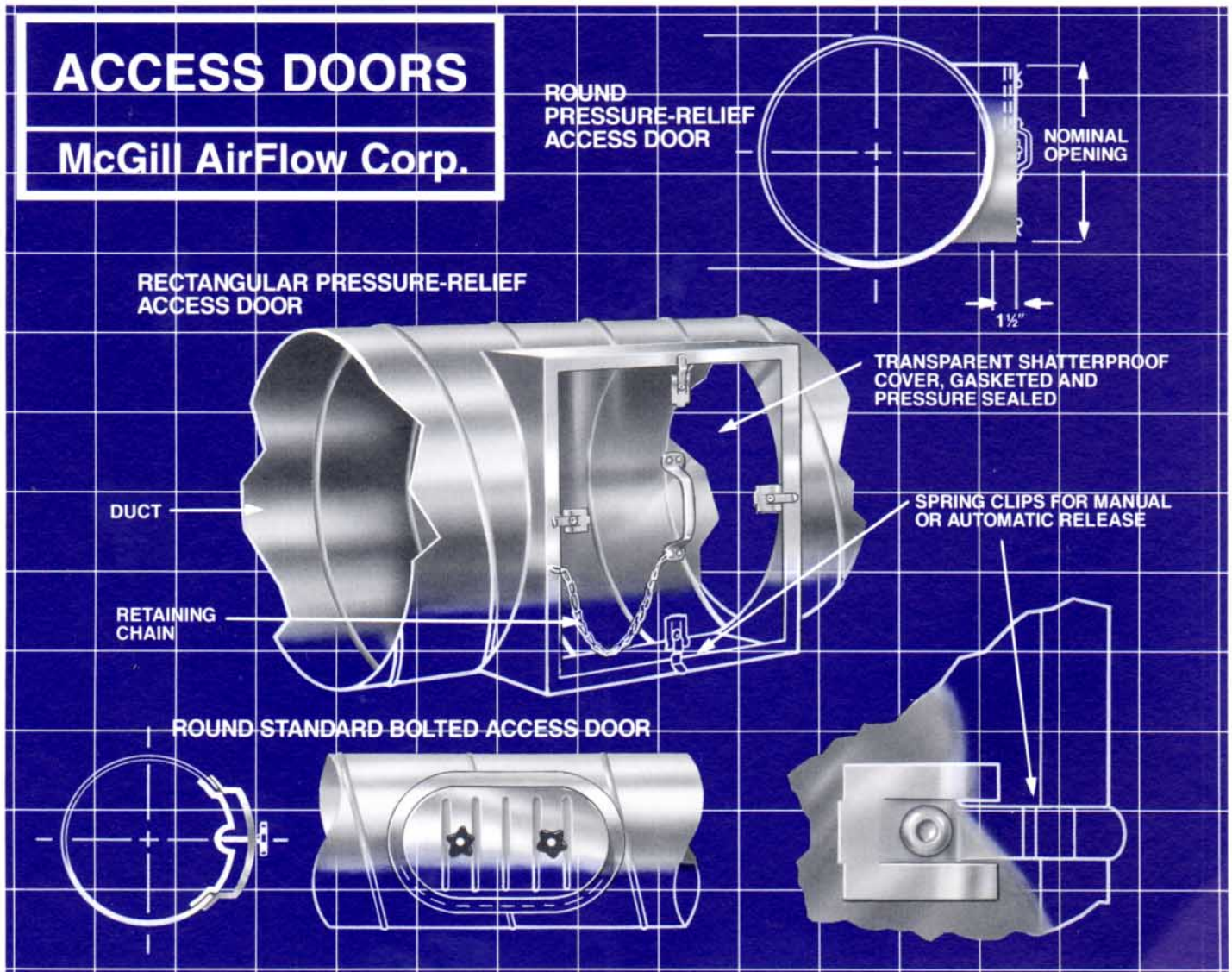


Access Doors

An enterprise of United McGill Corporation—
Founded in 1951

STANDARD, HINGED, and
PRESSURE-RELIEF ACCESS DOORS
for DUCT SYSTEMS

a McGill AirFlow™ product



McGill AirFlow Corporation's access doors provide a convenient way to reach or inspect fire dampers and other equipment located inside a duct system. To meet the needs of a variety of applications, we offer three types of access doors: standard bolted, hinged, and pressure-relief doors.

Standard bolted access doors are available in galvanized steel, stainless steel (type 304 or 316), and aluminum constructions. We can supply them loose or manifolded to the duct. Hinged and pressure-relief access doors are available in galvanized steel, cold-rolled steel, stainless steel (type 304 or 316), and aluminum constructions. We can supply them loose, manifolded to the duct, or attached to fitting bodies. When access doors are attached to fitting bodies, the fitting bodies have the gauges listed in **Table 1** for standard galvanized or stainless steels.

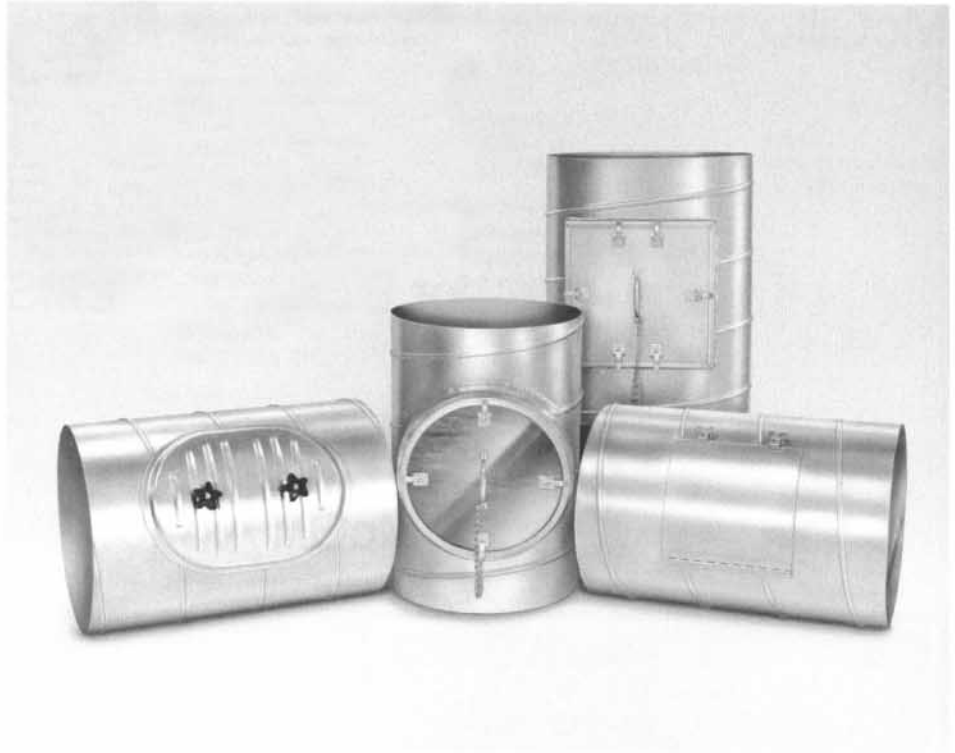


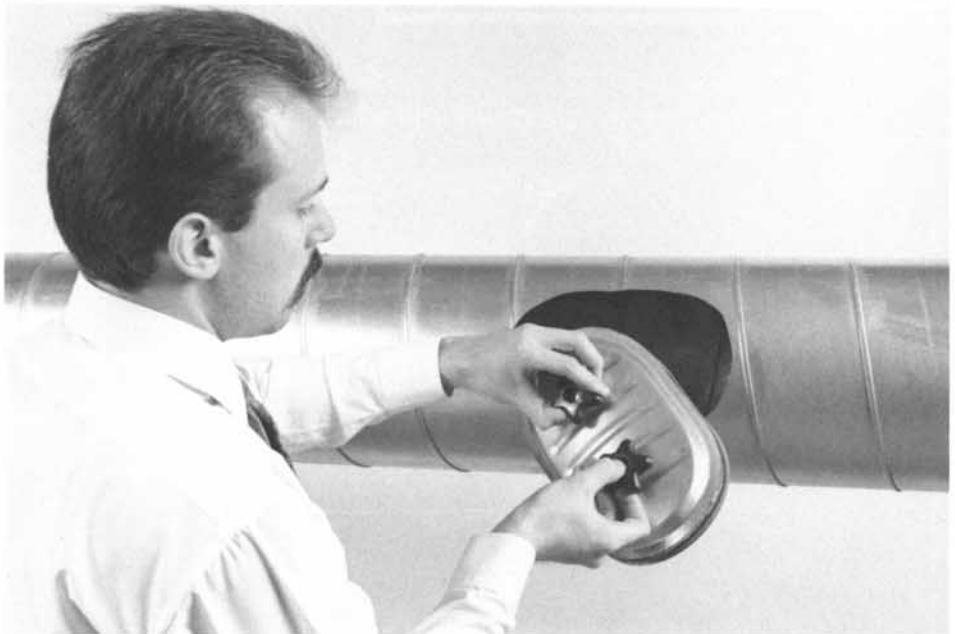
Table 1

Fitting Body Diameter (inches)	Metal Thickness (gauge)
4-36	20
37-60	18

Note: Heavier gauges may be ordered for industrial applications.

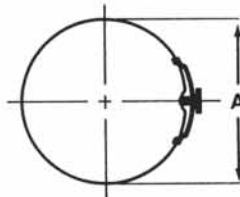
Specifications for access doors can be found in McGill AirFlow's publication *Recommended Specifications for Commercial and Industrial Duct Systems*.

United McGill® is a registered trademark and McGill AirFlow™ is a trademark of United McGill Corporation.

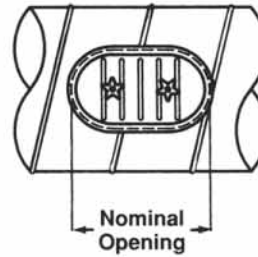


Standard Bolted Access Doors

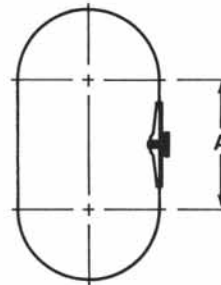
Our economical standard bolted access door provides easy access to the interior of duct systems. To gain access, simply turn the hand knobs and remove the door. No special tools or wrenches are needed. This oval door is designed for easy installation on round, flat oval, or rectangular duct. It is constructed of an outer door connected to an inner plate by spring-loaded carriage bolts. Once the inner plate has been inserted in the duct opening, the carriage bolts can be tightened by turning the hand knobs. An inert cellular sponge gasket fixed to the inner plate keeps the door leak free at pressures of more than 20 inches wg. The door has permanently bonded polyester insulation to prevent moisture from forming on its outer surface. An adhesive template is provided for field installations so that the duct opening can be cut without expensive layout or measuring. Doors are available for single-wall duct or double-wall duct with 1-inch-thick insulation.



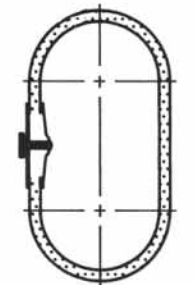
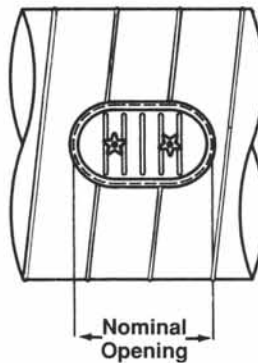
AOBXFSDC
Single-Wall, Contoured



AOBXFDDC
Double-Wall, Contoured



AOBXFSDF
Single-Wall, Flat



AOBXFDDF
Double-Wall, Flat

Designations—Standard Bolted Access Doors

For Round Duct or Minor Axis of Flat Oval Duct	For Flat Span of Flat Oval Duct or Rectangular Duct	Description
AOBXFSDC AOBXFDDC	AOBXFSDF AOBXFDDF	Single-Wall Door Double-Wall Door

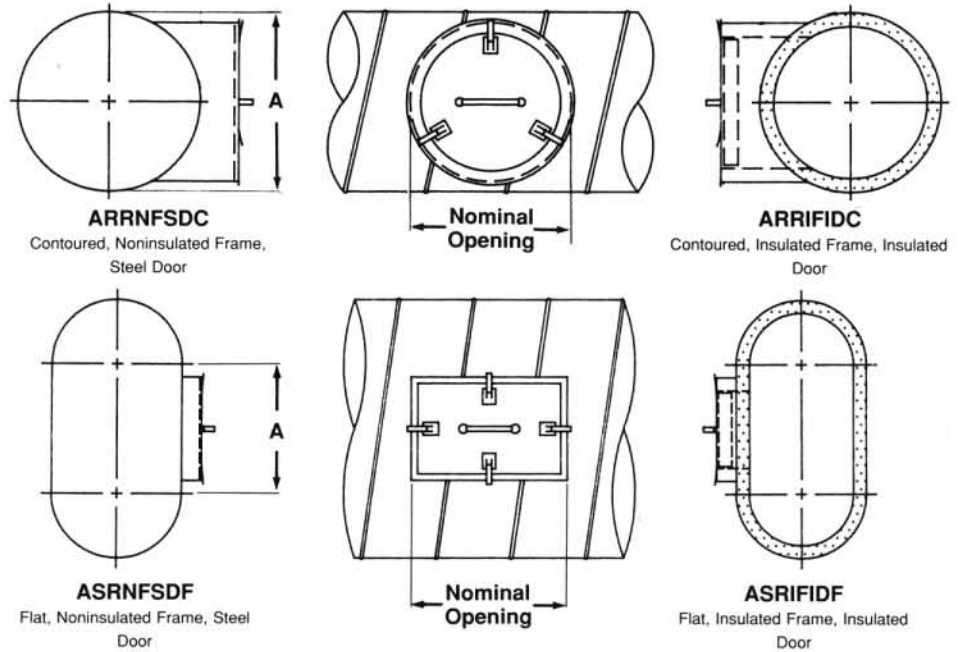
Standard Bolted Access Doors for Galvanized Steel

Nominal Opening (inches)	(A) Applicable Range	Material Thickness (gauge)
	of round diameters, minor axes of flat oval, flat spans of flat oval, or rectangular dimensions	
	(inches)	
10 x 6	8-30	22
16 x 12 ¹	18-60	20
24 x 18 ¹	48-72	18

¹Also available for 1-inch-thick insulation, double-wall applications (AOBXFDDC and AOBXFDDF).

Pressure-Relief Access Doors

Our pressure-relief access door (for positive pressure systems) provides both convenient access and protection against duct collapse, which can occur downstream when a fire damper closes. During normal operation, the cover is held in place against a sealing gasket by special latches. To gain access, simply open the latches and remove the door by its handle. If a closed damper causes substantial negative pressure immediately downstream at the access door location, the cover of the access door automatically opens inward to relieve pressure and prevent collapse. A retaining chain prevents the cover from being pulled into the ductwork. Available with solid-metal, insulated, or plexiglass doors.



Designations—Pressure-Relief Access Doors

Round Relief Access Doors		Rectangular Relief Access Doors		Description
For Round Duct or Minor Axis of Flat Oval Duct	For Flat Span of Flat Oval Duct or Rectangular Duct	For Round Duct or Minor Axis of Flat Oval Duct	For Flat Span of Flat Oval Duct or Rectangular Duct	
ARRIFDC	ARRIFIDF	ASRIFIDC	ASRIFIDF	Insulated frame, insulated door Noninsulated frame, insulated door Insulated frame, noninsulated steel door Noninsulated frame, noninsulated steel door Insulated frame, transparent window door Noninsulated frame, transparent window door
ARRNFDC	ARRNFIDF	ASRNIDC	ASRNIDF	
ARRIFSDC	ARRIFSDF	ASRIFSDC	ASRIFSDF	
ARRNFSDC	ARRNFSDF	ASRNFSDC	ASRNFSDF	
ARRIFWDC	ARRIFWDF	ASRIFWDC	ASRIFWDF	
ARRNFWDC	ARRNFWDF	ASRNFWDC	ASRNFWDF	

Standard Round Relief Access Doors for Galvanized Steel

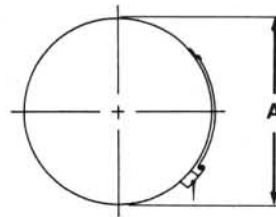
Nominal Opening (inches)	(A) Applicable Range	Material Thickness (gauge)
	of round diameters, minor axes of flat oval, flat spans of flat oval, or rectangular dimensions (inches)	
5	5-7	20
7	8-10	20
10	11-13	20
13	14-19	20
19	20-36	20
19	37-60	18

Standard Rectangular Relief Access Doors for Galvanized Steel

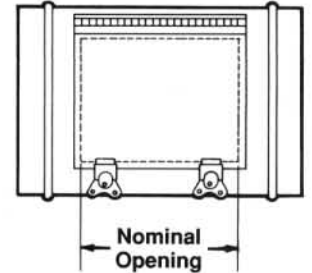
Nominal Opening (inches)	(A) Applicable Range	Material Thickness (gauge)
	of round diameters, minor axes of flat oval, flat spans of flat oval, or rectangular dimensions (inches)	
8 x 12	8-12	20
12 x 12	13-18	20
14 x 20	19-36	20
14 x 20	37-60	18

Hinged Access Doors

For negative pressure systems that require frequent access, we offer a hinged access door that can be operated easily without the need for screws or bolts. This door is constructed to open against negative duct pressure.



ASHXFSDC
Single-Wall, Contoured



Standard Hinged Access Doors for Galvanized Steel

Nominal Opening (inches)	(A) Applicable Range	Material Thickness (gauge)
	of round diameters or minor axes of flat oval (inches)	
4 x 6	4-8	20
8 x 8	8½ -14	20
8 x 10	14½ -24	20
10 x 12	25-36	20
12 x 14	37-48	18

The products depicted in this brochure were current at the time of publication. As a quality-conscious manufacturer, McGill AirFlow Corporation 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.

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mcgillairflow@csi.com

KEY

- Manufacturing Plant Location
- Also a Duct Express Warehouse Location

Note: McGill AirFlow also has sales representatives in other major cities.

Visit our web site at:
<http://www.mcgillairflow.com>

Duct Express™ is a trademark of United McGill Corporation.

McGill AirFlow Corporation

An enterprise of United McGill Corporation — Founded in 1951