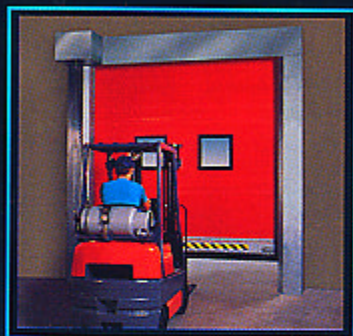


ASI

ASI Technologies, Inc.

High Performance Door Solutions



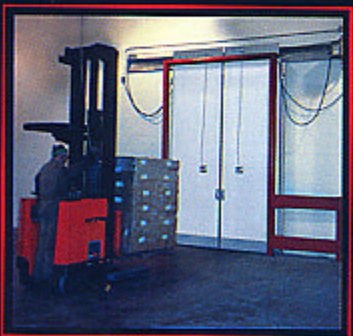
MARATHON™

Industrial Doors



CLEANSEAL™

Cleanroom Doors



enviro®

Cold Storage Doors

World Headquarters: 5848 N. 95th Court
Milwaukee, WI 53225
(800) 558-7068
www.asidoors.com



MARATHON™

Industrial Doors for the Long Run

INDUSTRIAL DOOR SYSTEMS

The Company

ASI Technologies, Inc. specializes in the design and manufacture of high speed, high performance doors through: **MARATHON** commercial/industrial door systems, **CleanSeal** cleanroom/clean environment door systems and **ENVIRO** cold storage doors.

Experience

We've been designing and building quality high speed, high performance doors for over thirty years. Because high speed doors are our only business...we've devoted all of our resources to producing the highest quality and most reliable door products on the market. We've built our reputation on solving door problems for thousands of businesses around the world.

Selection

ASI has the broadest line of high speed doors on the market, with over 100 different models and types...so we can provide the right door for each application. In addition, **ASI** has the capability and experience to integrate features and technologies to create customized door systems that meet specialized needs.

High Performance

Our high performance doors are designed to provide high speed operation, high cycle life, and easy maintenance for long, reliable operation. Our proven technologies will provide you with significant savings in energy and maintenance...and improve your plant productivity.

Support

And if you need us...we'll be there with an international network of distributors, warranty support, company field service staff, and a large in-stock parts inventory.

More Information

For additional product information on these and other **ASI** high speed doors...please call (800) 558-7068 or visit our internet website at: www.asidoors.com.

Note: Consult factory for larger sizes and other styles.

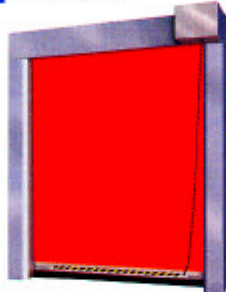
SPiRiT Fabric Roll-up Doors



Spirit

APPLICATION: Interior doorways with high volume traffic.

FEATURES: Operation to 42"/second in standard sizes to 12'x14'. Flex-Tab™ breakaway system resets in seconds after vehicular impact. A unique counterweight system for long operator life. Heavy-duty panel with integral windbars, structural steel bottom bar, reversing bottom edge, fail-safe photo eye concealed in the side frame. NEMA-4X control box. Stainless steel option for cleanrooms & food processing facilities.



Spirit HD

APPLICATION: Exterior doorways with high traffic volume.

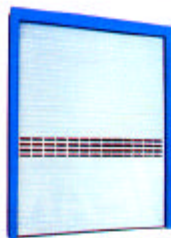
FEATURES: Operation to 36"/second in standard sizes to 20'x20'. Bolt-Action™ breakaway reset system has the door back in action within seconds after vehicular impact. Heavy-duty fabric panel with integral windbars, structural steel bottom bar, reversing bottom edge, fail-safe photo eye concealed in the side frame. NEMA-4X control box. Stainless steel option for cleanrooms & food processing facilities.



Spirit PRO

APPLICATION: Cost-efficient high speed fabric roll-up door for interior door applications.

FEATURES: Operation to 42"/second in standard sizes to 10'x12'. Flex-Tab™ breakaway system snaps out after vehicular impact. Resets without tools...and the door is back in operation in seconds. Other features include: heavy-duty fabric, integral windbars, reversing bottom edge, photo eye, and NEMA-4X control box.



HYDRAROL
Exterior
Rigid Panel
Roll-up
Door

APPLICATION: Exterior doorways with high traffic volume requiring speed, security, and insulation.

FEATURES: Operation to 42"/second in standard sizes to 22'x22". R-8 insulated slats with aluminum exterior and PVC interior. Electric fail-safe reversing edge with available fail-safe photo eye concealed in the side frame. Full-perimeter weather seals. NEMA-4X control box.

HYDRAFOLD
High Speed
Bi-Folding
Panel
Door



APPLICATION: Interior doorways with high volume traffic.

FEATURES: Two speed operation: 8"/second open; 4"/second close. Standard sizes to 12'x14'. Four and six panel configurations. Unique paint-free hot-dipped galvanized steel construction. PVC panels with choice of three breakaway styles. Fully weatherssealed. NEMA-4X control box. Low profile version also available.



**Horizontal
Sliding
Panel
Door**

APPLICATION: Interior and exterior doorways requiring speed, security and insulation.

FEATURES: Operation to 50"/second in standard sizes to 14'x14'. 20 gauge steel shell on metal frame with insulated core rated to R-25. Full height reversing edge. Full-perimeter weather seals. NEMA-4X control box. Single panel and vertical rise panel models also available.



**U.L. 3-Hour
Rated
Sliding
Fire Door**

APPLICATION: Complies with fire regulations while providing quick door access and traffic flow.

FEATURES: Operation to 25"/second in standard sizes to 12'x12". U.L. 3-Hour fire rating. 20 gauge steel shell on metal frame with EPS U.L.-rated insulation to R-18. Full height reversing edge. Full-perimeter weather seals. Automatic door closing system in the event of fire. NEMA-4X control box.

For complete product specifications, call our toll-free Product Hotline: (800) 558-7068

Or, visit our website: <http://www.asidoors.com>

CLEANROOM DOOR SYSTEMS

 **CLEANSEAL™**
Controlled Environment Door Systems

08380/ASI
Buyline 0575

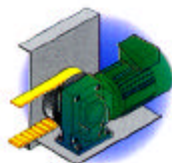
Also available:
U.L. Rated, 90 min.,
Stainless Steel Fire Doors.

Sliding Panel Door Systems

CleanSeal™ sliding cleanroom doors provide quick doorway access with minimal air turbulence as the door moves. A full perimeter, non-marking, blade-type gasket maintains a controlled seal, even under heavy positive or negative pressures...and is fully adjustable for tight or loose sealing requirements. *CleanSeal* doors have virtually no particulate generation to maintain the integrity of your clean environments.



**Single Panel
Sliding Door**



CleanSeal power sliding doors utilize a reliable electric operator controlled by a variable frequency drive...tested to over two million cycles. A durable Kevlar drive belt assures smooth and consistent door travel. The exclusive *Softouch™* fail-safe electric reversing edge instantly stops and opens door if edge contacts any object while closing.



**Double
Panel
Sliding
Door**

Swinging Panel Door Systems

CleanSeal swinging cleanroom doors are the ideal choice for areas with limited doorway side clearance. Available as single or double panel types, *CleanSeal* swing doors can be opened manually or with a switch activated power swing operator.



CleanSeal power swing door operators are available on either single or double panel doors. They are activated by a pushplate switch or other activation device and provide a power open and spring close motion. Swing side of door is protected by a header-mounted infrared motion sensor.



**Single Panel
Swing Door**



**Double Panel
Swing Door**

CleanSeal high performance cleanroom doors are a new generation of door systems designed to make your cleanrooms and clean production areas more efficient and more profitable.

Developed with extensive input from cleanroom managers around the world, *CleanSeal* door systems provide quick, easy access to work areas, while maintaining controlled conditions, to increase productivity.

CleanSeal doors are available as manual or power-operated models...in sliding or swinging door styles...to handle any application from Class 100,000 down to Class 1.

Constructed of durable fiberglass and stainless steel, *CleanSeal* doors resist the rigors of daily use. Washdown and cleanup is easy...to quickly pass GMP validation tests and government inspections.

The durable *CleanSeal* door panel is completely sealed and unitized for superior corrosion-resistance and washdown capabilities. The panel features a thick fiberglass shell with an internal steel frame and poured foam insulation for panel rigidity. For added protection, the panel is reinforced at the corners with 20 gauge stainless steel edge capping. The high lustre, non-porous gel-coated panel surface resists dents and scratches...and is easily repaired.

CleanSeal doors also feature stainless steel construction of frames, headers, shrouds and virtually all moving parts to assure long, trouble-free operation and easy maintenance.

If you are considering upgrading or expanding your facility to meet tougher new regulations, contact the door specialists at *CleanSeal* for an investment that will pay you dividends for years to come.

Note: Consult factory for larger sizes and other styles.

For complete product specifications, call our toll-free Product Hotline: (800) 558-7068

Or, visit our website: <http://www.asidoors.com>

ENVIRO Cold Storage Doors are the industry leader in the demanding world of cold storage. Engineered and built to deliver uncompromising performance cycle after cycle, **ENVIRO** doors are the choice of top companies who require speed and dependability. And **ENVIRO** has the broadest line of doors to provide you with the model that is just right for your application...plus the capability to design doors to handle unique requirements.

Choice of Door Operation

ENVIRO doors offer manual or power operation. Standard power operation utilizes the hydraulic operator...first patented by **ENVIRO** almost 20 years ago. The new **HDS Hydraulic Dual Speed** operator is 60% faster than the standard hydraulic operator. Thousands of facilities throughout the world are improving productivity and cutting operating costs...with fast, reliable hydraulic operation. Electric operators also available.



Heavy-Duty Components

ENVIRO uses rugged steel and corrosion-resistant parts as well as internal steel frames...to provide years of value and service...easy washdown and low maintenance. Choice of panel construction: tough, sanitary fiberglass; white metal; heavy gauge galvanized steel; or stainless steel. Fiberglass doors include kickplates. White metal, galvanized, and stainless panels are recessed.

Tight Sealing and Insulation

Fully gasketed panels enable exacting room temperature control, and guard against energy loss. Poured polyurethane foam door core insulation keeps cold air in its place. Freezer doors feature "frost-free" heat systems to keep seals pliable.

Control and Safety

ENVIRO offers a variety of actuators to create a total door system. All power doors are equipped with reversing edges effective along the full height and travel of the door.

Note: Consult factory for larger sizes and other styles.



Horizontal Sliding Panel Cooler or Freezer Doors

APPLICATION: Cooler or freezer doorways with high volume traffic and available side room.

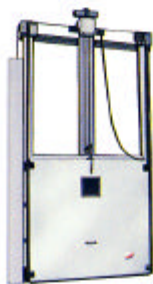
FEATURES: Manual or power operation in sizes to 14'x14'. Standard operator: 25"/second. HDS operator: 40" per second. Fiberglass or metal shell with internal metal frame and insulated core rated to R-50. Full height reversing edge. Full-perimeter gaskets. NEMA-4X control box. "Frost-free" heater system on freezer doors. Track style also available.



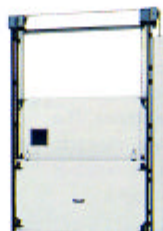
Horizontal Bi-parting Panel Cooler or Freezer Doors

APPLICATION: Cooler or freezer doorways with high volume traffic and available side room.

FEATURES: Manual or power operation in sizes to 14'x14'. Standard operator: 50"/second. HDS operator: 80" per second. Fiberglass or metal shell with metal frame and insulated core rated to R-50. Full height reversing edge. Full-perimeter gaskets. NEMA-4X control box. "Frost-free" heater system on freezer doors.



Single Piece & Two-Piece Vertical Rise Doors



APPLICATION: For low to medium cycle doorways with limited side room and available head room.

FEATURES: Manual or power operation in sizes to 14'x14'. Standard operator: 25"/second. HDS operator: 40" per second. Fiberglass or metal shell with internal metal frame and insulated core rated to R-50. Full height reversing edge. Full-perimeter gaskets. NEMA-4X control box.

Single and Double Panel Infitting Hinged Cooler or Freezer Doors



APPLICATION: For personnel access to coolers and freezers.

FEATURES: Fiberglass or metal shell with internal metal frame and insulated core, rated to R-50. Sizes to 9'x9'. Coated hardware. Synthetic grease-resistant gaskets. Freezer door features "frost-free" heating system to keep seals pliable. Track style and banana room doors also available.

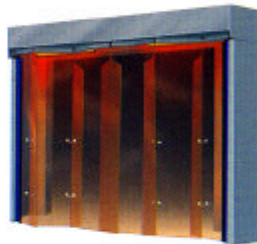


U.L. 3-Hour Sliding Cooler or Freezer Fire Doors

APPLICATION: Cooler or freezer door that complies with fire regulations while providing quick door access and traffic flow.

FEATURES: Operation to 25"/second in sizes to 12'x12'. U.L. 3-Hour fire rating. 20 gauge steel shell on internal metal frame with EPS U.L.-rated insulation to R-18. Full height reversing edge. Full-perimeter gaskets. Automatic door closing system in event of fire. NEMA-4X control box.

HYDRAFOLD Bi-Folding Cooler or Freezer Doors



APPLICATION: Cooler or freezer with high volume traffic.

FEATURES: Two speed operation: 8"/second open; 4"/second close. Sizes to 12'x14'. Unique paint-free hot-dipped galvanized steel construction. PVC panels with choice of three breakaway styles. Fully gasketed. Freezer version has "frost-free" heat system. NEMA-4X control box. Low profile version also available.

For complete product specifications, call our toll-free Product Hotline: (800) 558-7068

Or, visit our website: <http://www.asidoors.com>