

SWING DOOR SYSTEMS



STANLEY

®

Stanley Automatic Door Systems - the safest, most cost effective solutions available today.

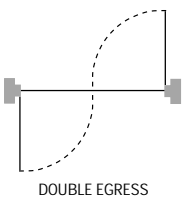
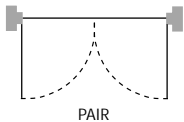
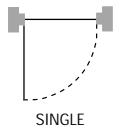
TECHNOLOGY, ENGINEERING & PERFORMANCE

For years, Stanley swing door operators have provided easy access and smooth traffic flow in high-traffic retail, commercial and industrial locations with unbeaten performance and reliability.



State-of-the-art computerized factory test equipment ensures each operator works-first time, every time for a long time.

APPLICATION DOOR CONFIGURATIONS



Push or Pull Applications

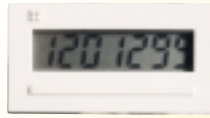
DOOR TYPES

Hollow Metal or Wood,
Glass and Aluminum.

MAGIC-FORCE[™] OPERATOR

The Magic-Force[™] operator is field adjustable and works in both full energy and low energy applications makes it ideal for use in supermarkets, department stores, hospitals, airports, office buildings, public buildings, schools and universities.

Every Magic-Force[™] includes a Life Cycle Data recorder allowing Stanley to be a market leader in service and installation by adapting to site specific needs. The LCD allows future service based on cycles and customer tailored maintenance programs.



Magic-Force[™] Door Operators:

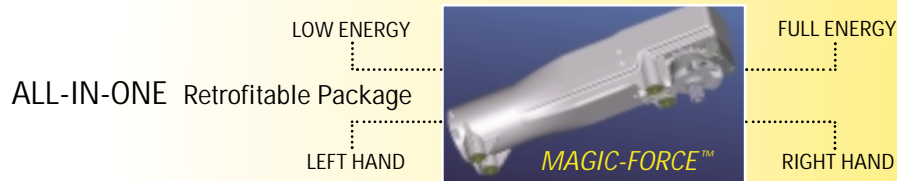
- Work with every type of sensor we make for maximum design flexibility and convenience.
- Require only simple tune-in adjustments for fast, trouble-free installation.
- Resist wind and stack pressure conditions to maintain smooth, controlled operation.
- Non-Handed.
- In or Out Swing.
- Concealed or Visible.
- Full or Low Energy.

Additional Features:

- Available with Sentrex-3[™] active infrared safety system.
- Alternative sensors/operators include mats, push plates, radio controls & motion sensors.
- Surface mount header models afford fast and easy retrofits.
- Choice of complete factory engineered door systems.
- Fire door package with UL listed equipment.
- Provide safe pedestrian movement at all times with activation and safety sensors.
- Variable spring operator.
- Features Magic-Touch[™] activation, no mat or sensor needed.
- Act as a mechanical closer for manual operation in the event power is shut off.

The advanced microprocessor controller and proven encoder technology work together for comprehensive and precise control of the door's motion. The advance controller ensures trouble free operation with features that provide:

- Automatic reset upon power up
- Electronic surge protection
- Internal power supply protection
- Encoder Technology
- Fuse protection



MAGIC-SWING[®] OPERATOR

The Magic-Swing[®] operator provides easy access, reliable performance and safe operation in high-traffic retail, commercial and industrial applications.

Magic-Swing[®] Door Operators:

- Powers doors up to 700 pounds in panel weight.
- Heavy Duty — for extreme environments and abuse.
- Special operator packages capable of opening doors up to 5000 pounds.

Optional Features:

- Are available with Sentrex-3[™] active infrared safety system.
- Alternative Sensor/Operators include mats, push plates, radio controls & motion sensors.
- Surface Mount Header models afford fast and easy retrofits.
- Choice of factory engineered door systems for easy installation and long life even in high-traffic locations.
- Fire Door Package with UL listed equipment.
- Light Spring Operator.
- Monitor door position, and adjust speed at the beginning and end of arc for smooth starts and stops, as well as to comply with ANSI standards.



MAGIC-ACCESS™ OPERATOR

The Magic-Access® low energy operator is engineered to meet the most demanding applications and provides automation to virtually any new or existing swing door.

The Stanley Magic-Access® low energy operator can auto-mate virtually any swing door; new or existing. Engineered to meet the most difficult applications, Magic-Access® provides a full range of automatic door functions to an otherwise manual door. The operating mechanism installs on the door frame in place of a conventional closer and works with virtually any wood, metal or glass door up to 42" wide.

The electromechanical operator works in conjunction with a electronic controller and a variety of activating devices. The end result: quiet, smooth, automatic door control without compromising building traffic flow and architectural aesthetics.

The Magic-Access® offers a variety of operating functions:

- Low energy automatic operation through the use of an activation sensor.
- Operates as a manual door with the option of activation from a pushbutton, wall-switch or card reader.
- Operates as a manual door with the option of the Magic-Touch™ feature—a movement of 3° automatically opens the door.



Magic-Access® Door Operators:

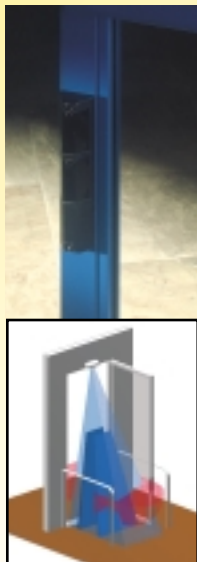
- Comply with all U.S. and Canadian handicap access laws, including ANSI A117.1 and A156.19.
- Work with any metal, wood or glass door; hinged, offset, or pivot center.
- Retrofit conventional doors for a fraction of the cost of a new automatic door.
- Features Magic-Touch™ activation, no mat or sensor needed.
- Operate from any standard 120V AC outlet with no special wiring needed.
- Act as a mechanical closer for manual operation in the event power is shut off.
- React immediately to any obstacle, so an opening door will stop at any point in its swing cycle.

Optional Features:

- Lock Delay
- Sequencing Module
- Power Close Selectable
- Adjustable Time Delay

SENTREX™ SWING DOOR SENSOR SYSTEMS (FOR MAGIC-SWING® AND MAGIC-FORCE™ SWING DOORS)

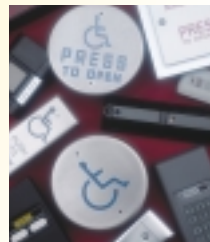
Sentrex systems use computer-controlled active infrared technology to detect the presence of people or objects in the swing path on both sides of a door. Sentrex systems track the position of the door throughout its swing and adjust its detection zone accordingly, whether the door is moving or at rest.



To meet the demand for improved safety for swing door applications, Stanley Sentrex™ RS is a redundant safety system, providing overlapping presense detection by using both an overhead and an on-door sensor. The Sentrex™ RS is available as an option or as a retrofit upgrade for an existing swing door system.

CONTROLS AND ACTIVATION

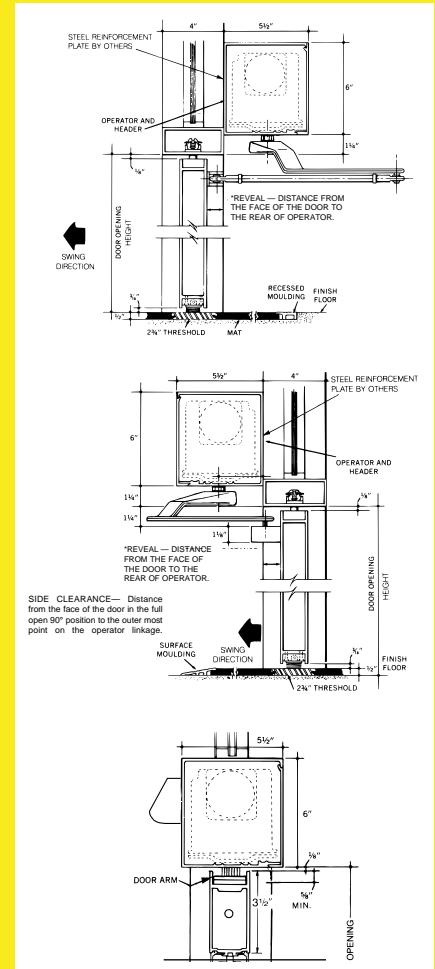
Stanley push button controls are available with large, easy-to-activate push plates. Hardwired or radio controlled push plates are available in a wide variety of finishes, sizes, profiles and logo choices. Switches may also be mounted to posts and rails for maximum convenience and accessibility. Digital radio equipment provides reliable activation from up to 70 feet away.



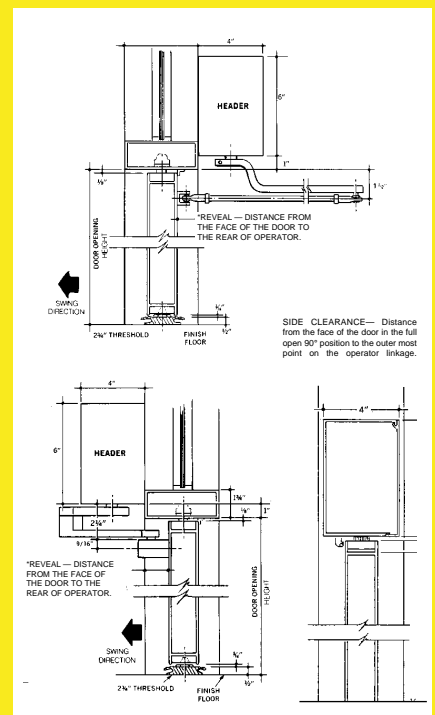
UL FIRE-RATING

Magic-Swing®, Magic-Force™ and Magic Access® are UL-certified for use as Fire Door Operators on single-swing (or pairs of) fire-rated doors (wood core, hollow metal and steel covered composite type door assemblies) in the U.S. and Canada. Single swing doors must be equipped with electric strikes. Pairs of doors must be equipped with a fire-rated exit device suitable for use with remotely activated retractable latch bolts.

MAGIC-FORCE™ & MAGIC-SWING® SWING DOOR OPERATORS



MAGIC-ACCESS® SWING DOOR OPERATORS



SWING DOOR SYSTEMS MAGIC-FORCE™ OPERATOR

DOOR PACKAGES ARE CUSTOM MANUFACTURED
TO FIT YOUR JOB REQUIREMENTS

HEADER SIZE: 6" (152mm) high x 5-1/2" (140mm) deep
SWING DOOR PANELS: up to 48" (1220mm)
DOOR PANEL WEIGHT: up to 350 pounds (160kg)
DRIVE SYSTEM: 3/16 HP DC motor, gear drive
CONTROLLER: Solid state, electronic, with built in "reverse-on-obstruction" and Magic-Touch® actuation
SENSORS: "Sentrex" active infrared presence detector and SU-100 motion sensors, mats and radio controls are available
BREAKOUT: automatic reset (center hung)
POWER REQUIRED: 120 VAC, 5 amps min.
CODE COMPLIANCE: UL, cUL, ANSI A156.10, UBC, BOCA, ICBO, NFPA 101, ANSI A156.19, CSFM

- ✓ Powers doors up to: (*)
 - 48" (1220mm) in panel width
 - 350 pounds (160 kg) in panel weight
- ✓ Field Selectable for:
 - Full Energy applications (ANSI A156.10)
 - Heavy Duty Low Energy (ANSI A156.19)
 - Extreme ADA applications
- ✓ Field Adjustable Spring for precise closing force
- ✓ Close Speed Control - standard
- ✓ Non-Handed - configurable for right or left hand operation
- ✓ LCD - Life Cycle Data Recorder

MAGIC-ACCESS™ OPERATOR

DOOR PACKAGES ARE CUSTOM MANUFACTURED
TO FIT YOUR JOB REQUIREMENTS

HEADER SIZE: 6" (152mm) high x 4" (102) deep
SWING DOOR PANELS: up to 42" (1067mm)
DOOR PANEL WEIGHT: up to 125 pounds (57kg)
DRIVE SYSTEM: 1/8 HP DC motor, gear drive, "low-energy"
CONTROLLER: Solid state, electronic, with built in "reverse-on-obstruction" and Magic-Touch® actuation
SENSORS: mats, motion detectors, radio controls are available
BREAKOUT: breakaway door stop available
POWER REQUIRED: 120 VAC, 5 amps min.
CODE COMPLIANCE: UL, cUL, ANSI A156.19, NFPA 101

- ✓ Powers doors up to: (*)
 - 42" (1067 mm) in panel width
 - 125 pounds (57kg) in panel weight
- ✓ Low Energy applications (ANSI A156.19)
- ✓ Compact unit size
- ✓ Retrofit for public access compliance
- ✓ Close Speed Control - standard

MAGIC-SWING® OPERATOR

DOOR PACKAGES ARE CUSTOM MANUFACTURED
TO FIT YOUR JOB REQUIREMENTS

HEADER SIZE: 6" (152mm) high x 5-1/2" (140mm) deep
SWING DOOR PANELS: up to 54" (1371mm)
DOOR PANEL WEIGHT: up to 700 pounds (320kg) standard, up to 5000 (2270kg) pounds optional
DRIVE SYSTEM: 1/4 HP DC motor, gear drive, ball screw actuator, rack & pinion
CONTROLLER: microprocessor based, safety logic, watchdog LED
SENSORS: "Sentrex" active infrared presence detector and SU-100 motion sensors, mats and radio controls are available
BREAKOUT: automatic reset (center hung)
POWER REQUIRED: 120 VAC, 5 amps min.
CODE COMPLIANCE: UL, cUL, ANSI A156.10, UBC, BOCA, ICBO, NFPA 101

- ✓ Powers doors up to: (*)
 - 54" (1371mm) in panel width
 - 700 pounds (320kg) in panel weight
- ✓ Heavy Duty - Extreme environments and abuse
- ✓ Full Energy applications (ANSI A156.10)
- ✓ Regular and light spring units available
- ✓ LCD - Life Cycle Data Recorder

(*) Consult Stanley Authorized Representative for product selection. Door location, mounting conditions and frequency of use may affect product selection.

Rely on the Stanley expertise and experience
gained from thousands and thousands of installations worldwide.

Stanley Access Technologies designs, manufactures and markets automatic door systems worldwide. For more than 65 years, we have set the global standard for smooth, quiet operation, user safety, design flexibility, quality, reliability and ease of installation. Our service force is North America's largest and most comprehensive network devoted to the installation and maintenance of automatic door systems. This network combines the global resources of Stanley with the unmatched customer responsiveness of local organizations to ensure every door we sell and install provides our customers with worry-free operation.



The Stanley Works
Access Technologies Product Group
Customer Care: 1-800-7-ACCESS (1-800-722-2377)
<http://www.stanleyworks.com>

HARDWARE



FASTENING SYSTEMS



MECHANICS TOOLS



HAND TOOLS



DOORS



AIR TOOLS



HYDRAULIC TOOLS



AUTOMATIC DOORS

