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# **CAREY AUTOMATIC DOOR, LLC**

## **MAGIC-DOOR Pneumatic Operator Equipment**

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### **MAGIC-DOOR ELECTRO-PNEUMATIC DOOR OPERATOR**

(Formerly known as Stanley MAGIC-DOOR Pneumatic Operator)

Carey Automatic Door, LLC manufactures MAGIC-DOOR Pneumatic Operators for swinging and sliding door applications. MAGIC-DOOR Pneumatic Operators have provided automatic door solutions to a wide variety of healthcare, pharmaceutical, industrial and commercial applications since 1940. Please see attached description and customers served.

***Considered the most reliable, durable and cost-effective Automatic Door Operator in the industry for over 70 years!***

**Please use one form per set of doors:**

1. Is this a new installation or retrofit to an existing door? \_\_\_\_\_
2. Single door or pair of doors? \_\_\_\_\_
  - a. Width, Height & Thickness of Doors \_\_\_\_\_
  - b. Weight and Type of Doors \_\_\_\_\_
  - c. Fire Door Application? \_\_\_\_\_
  - d. Are doors in place? \_\_\_\_\_
3. If **Swing** Door:
  - a. IN/PULL or OUT/PUSH application: \_\_\_\_\_



IN/PULL  
(doors swing under Operators)



OUT/PUSH  
(doors swing away from Operators)

b. Right Hand or Left Hand swing for single door: \_\_\_\_\_

RH Operator  
(clockwise swinging  
doors)



IN/PULL APPLICATION

LH Operator  
(counter-clockwise  
swinging doors)

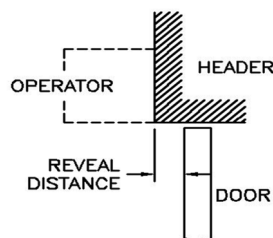
LH Operator  
(counter-clockwise  
swinging doors)



OUT/PUSH APPLICATION

RH Operator  
(clockwise swinging  
doors)

- c. \*Side Clearance \_\_\_\_\_  
Distance required between jamb and side wall for door bracket.
- d. \*Height Clearance: top of door to ceiling or obstruction \_\_\_\_\_
- e. \*Reveal Distance \_\_\_\_\_  
Distance from back of operator case to inside surface of door in closed position. Varies with door thickness and hanging.



- f. Hinge hung, swing clear, center pivot or offset pivot hinges? \_\_\_\_\_

*\*Critical dimension.*

4. If **Slide** Door:

- a. Specify RH or LH Operators: \_\_\_\_\_  
RH operators if door opens toward the left when facing operators.  
LH operators if door opens toward the right when facing operators.
- b. Height clearance: top of door to ceiling or obstruction \_\_\_\_\_
- c. Pneumatic safety/reversing edge (strongly recommended): \_\_\_\_\_

**If Carey Slide Door Track and Hangers are required:**

- d. Masonry opening width: \_\_\_\_\_
  - e. 4" lap present on each side of door: \_\_\_\_\_
  - f. Wall thickness to mount track: \_\_\_\_\_
  - g. Door gauge: \_\_\_\_\_
5. Access to central air supply or air compressor? \_\_\_\_\_  
To be furnished and installed by the General Contractor, Plumbing Contractor and/or Automatic Door Installer. Consult Carey representative for capacity recommendations.
6. Special considerations? \_\_\_\_\_
7. Timeframe for project? \_\_\_\_\_
8. Drawings or schematics available & attached? \_\_\_\_\_
9. Architectural specifications available & attached? \_\_\_\_\_
10. If not certified door installer, referral needed for installation? \_\_\_\_\_
11. If existing area, please forward pictures \_\_\_\_\_
12. How referred to Carey Automatic Door, LLC? \_\_\_\_\_

\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company

\_\_\_\_\_  
Job Name & Door No.

\_\_\_\_\_  
Address

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Email

**MAGIC-DOOR Electro-Pneumatic Operators are ideal for:** Radiology & Oncology Departments, Industrial Buildings, Historical Buildings, Cathedrals, Airports, Universities, Government Buildings, Post Offices, Museums, Banks, Casinos, Institutions, Factories, Warehouses, Loading & Shipping Areas.

Please feel free to contact us at (203) 267-4278 if you should have any questions. Thank you for the opportunity to quote this job.

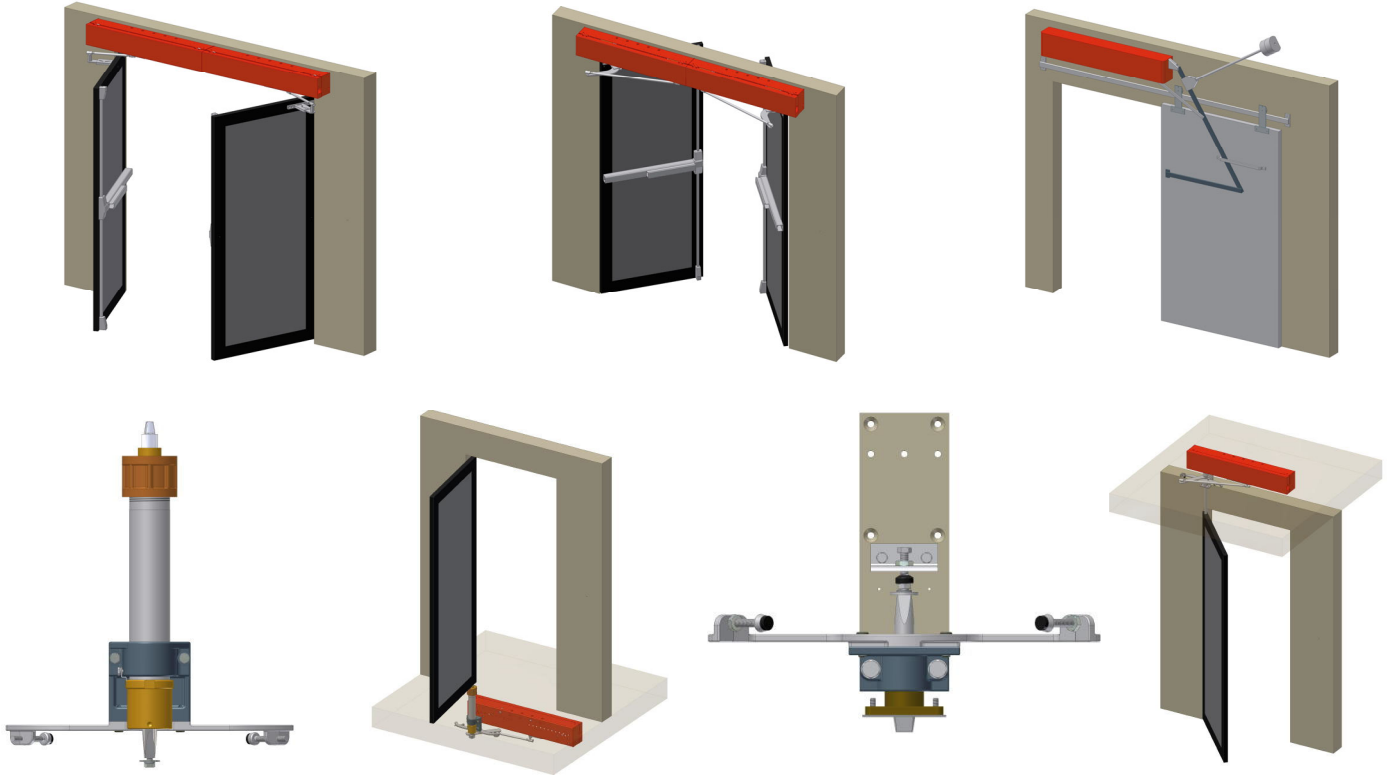
**Virtually maintenance free for 20 – 30+ years!**

## Carey Automatic Door, LLC

(203) 267-4278

### Electro-Pneumatic Door Operator Description

*(Formerly known as STANLEY MAGIC-DOOR Pneumatic Operator)*



- Heavy-duty pneumatic swing and slide door operators are ideal for door panels that require industrial strength performance.
- Air power opening and spring closing (single acting) or power closing (double acting).
- Pneumatically controlled from central air supply or separate compressor
- May be concealed either above or below the door with special pivots.
- Opening and closing action (electronically energized) will be individually controlled by separate built-in pressure regulators and opening and closing valves. Adjustable for pressure and volume for required speed and power.
- All regulators and valves are self contained within Operator case.
- Operator will be capable of operating doors against wind velocities (and equivalent stack pressures) up to 40 miles per hour.
- Built-in two stage checking cylinders for both opening and closing limits.
- Operator to contain plug-in type electrical control relay with adjustable time delay.
- Operator will instantaneously recycle the door to the full open position from any point in the closing cycle.

Opening and closing valves (pneumatically activated) mounted in Operator to control opening speed. Closing speed may be by:

- Springs mounted in Operator (single acting)
- Pneumatically activated closing valve mounted in Operator (double acting)
- Counterweights (sliding fire doors)

**Considered the most intrinsically safe, reliable & cost effective  
Automatic Door Operator in the industry since 1940!**

**Virtually maintenance free for 20 - 30+ years!**

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**Electro-Pneumatic Door Operator Applications**

**Single Swinging Doors:**

**0-1S Pneumatic Operator Packages.** For use with single swinging doors in industrial applications. One operator designed to swing a single hinge hung door either IN or OUT. Maximum door opening width is 72+.

**Double Swinging Doors:**

**0-4S Pneumatic Operator Packages.** For use with pairs of swinging doors that require complete speed control for varying conditions in industrial applications. Two operators coupled to operate a pair of doors swinging IN or OUT. Maximum door opening width is 144+.

**Swinging Fire Door Packages.** An automatic fire door package is available and will interface with the single acting 14+stroke operator.

**Single Sliding Doors:**

**0-7 Pneumatic Operator Packages.** For use with single sliding doors in industrial applications. Available for labeled fire door applications. For doors that slide either Left or Right of the opening. Maximum door opening width is 96+.

**07-D Pneumatic Operator Packages.** For use with heavy single sliding doors in industrial applications. Available for labeled fire door applications. For doors that slide either Left or Right of the opening. Maximum door opening width is 144+.

**Bi-Part Sliding Doors:**

**0-9 Pneumatic Operator Packages.** For use with pairs of sliding doors in industrial applications. Available for labeled fire door applications. Maximum door opening width is 192+.

**09-D Pneumatic Operator Packages.** For use with pairs of heavy sliding doors in industrial applications. Not available for labeled fire door applications. Maximum door opening width is 288+.

# Carey Automatic Door, LLC

www.careydoor.com

## MAGIC-DOOR Pneumatic Door Operators Customers Served

3M Company  
Abbott Pharmaceuticals  
Amgen, Inc.  
Anagram International  
Aspen Aerogels  
AstraZeneca Pharmaceuticals  
Becton Dickinson  
Boehringer Ingelheim Corporation  
Boeing  
BP Exploration, Inc.  
Bristol-Myers Squibb  
Camp Lejeune Naval Hospital  
Chicago O'Hare International Airport  
Cleveland Clinic  
Corpus Christi Army Depot  
Covidien  
Crane Army Ammunition Activity  
Dow Chemical Company  
Dow Corning Corporation  
DuPont, Inc.  
Eastman Chemical Company  
Estee Lauder  
Federal Reserve Banks of Chicago, Cleveland & Richmond  
Genzyme Biosurgery  
Gilead Sciences  
Goodrich Fuel & Utility Systems  
Holy Name Cathedral  
Hospira Pharmaceuticals  
Indiana Michigan Power Company  
IST Industrial Summit Technology  
Kohler Corporation  
Lockheed Martin Corporation  
Los Alamos National Laboratory  
Mallinckrodt Pharmaceuticals  
Markem CIJ Manufacturing  
Mayo Clinic  
McAlester Army Ammunition Plant  
National Institute of Environmental Health Sciences  
Novartis Consumer Health  
Ortho Clinical Diagnostics (Johnson & Johnson)  
Palisades Nuclear Power Plant  
Patheon Pharmaceuticals  
Philip Morris Company  
PPG Aerospace  
Raytheon Missile Systems  
Regeneron Pharmaceuticals  
Sandia National Laboratories  
Sigma-Aldrich Corporation  
Solvay  
St. Jude Hospital  
United Nations Headquarters  
UPS  
United States Post Offices  
United States Treasury Departments  
University of South Carolina  
University of Virginia  
VA Medical Centers  
Woodward Governor Company  
Wright Patterson Air Force Base  
Xerox Corporation