

**100% PNEUMATIC (ALL AIR), EXPLOSION PROOF
AUTOMATIC DOOR OPERATOR & INTERLOCK DOOR SYSTEM
QUOTE FORM**

(Formerly known as Stanley MAGIC-DOOR Pneumatic Operator)

Carey Automatic Door, LLC manufactures 100% Pneumatic (ALL AIR), Explosion Proof Automatic Door Operators and Interlock Door Systems which can be customized for hazardous swinging and sliding door applications. The entire system is driven by pneumatic cylinders and valves without the use of electrical or electronic components. Moving components are manufactured from non-sparking materials. Pneumatic exit devices compatible. Proven track record in environments with volatile chemicals.

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. Hinge Hung, Swing Clear, Center Pivot or Offset Pivot Hinges? _____
3. If **Swing** Door:
 - a. Right Hand (clockwise swinging doors) _____
Left Hand (counterclockwise swinging doors) _____
 - b. %N/PULL+(doors swinging under operator) _____
%OUT/PUSH+(doors swinging away from operator) _____
 - 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. Are pneumatic exit devices required and are we to provide? _____
Pneumatic exit devices provide remote latch bolt retraction in hazardous areas where electrically operated devices would not be permitted. The air cylinder used in the device has a special actuating linkage that allows a mechanical override.

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. Height clearance: top of masonry opening to ceiling or obstruction _____
- d. Masonry opening width: _____
- e. Side clearance (required for track length): _____
- f. Wall thickness to mount track: _____
- g. Pneumatic safety edge required: _____

5. **Interlock Door Systems** for swinging and sliding door applications: provides for opening of one set of doors and latching of the other set to prevent simultaneous opening of both sets of doors.

- a. Distance between two sets of doors _____
- b. Length and width of airlock room _____

6. Are doors in place? _____

7. **Manual Controls** (shall be either or a combination of the following): _____

- a. ALL AIR Push Button Activation . for applications where surface mounted push buttons are required.
- b. ALL AIR Pull Cord Activation . for use in overhead applications and where wheeled traffic exists.

8. **Activation Options** for ALL AIR Operators: _____

- a. Standard Activation: Push Palm Button or Pull Cord to Open, Hold Open with Time Delay (see # 9), Automatic Close (Single Acting Spring Close or Double Acting Power Close depending on weight of door)
- b. Optional Activation: Push Palm Button or Pull Cord to Open, Stays Open, Push to Close

9. **Time Delay** options (standard: 0-30 sec., optional: 0-60 sec.): _____

10. Access to central air supply or air compressor? _____
To be furnished and installed by the General Contractor and/or Automatic Door Operator Contractor. Must be capable of delivering the necessary C.F.M. free air as required by type and number of Carey pneumatic operators. Consult Carey representative for capacity recommendations.
11. Is air conditioning present in the area of compressor to operators? _____
Follow air line from compressor to operators to ensure all areas are air conditioned. If air conditioning present in one area (operator area) and not present in area of compressor (mechanical room) a refrigerated air dryer **MUST** be installed as close to the operators as permissible. Automatic bled off valves and air storage tanks can be added to the system.
12. Solvents in area/NEMA Classification? _____
If Class 1, Division 1 or 2 Classification, Carey Automatic Door, LLC strongly recommends entire floor be 100% Pneumatic (ALL AIR), Explosion Proof as there is a remote chance that mixing of the air and gas could occur. Therefore, **ALL** equipment should be ALL AIR, Explosion Proof.
13. Special considerations? _____
14. Timeframe for project? _____
15. Drawings or schematics available & attached? _____
16. Architectural specifications available & attached? _____
17. If not certified door installer, referral needed for installation? _____
18. If existing area, please forward pictures _____
18. How referred to Carey Automatic Door, LLC? _____

Name

Date

Company

Job Name & Door No.

Address

Fax Number

Phone Number

Email

100% Pneumatic (ALL AIR), Explosion Proof Automatic Door Operators & Interlock Door Systems are ideal for: Pharmaceutical, Chemical, Manufacturing, Industrial, Ammunition & Ordinance Facilities, Oil Refineries, Industrial Bakeries, Coal Preparation Plants, Clean Rooms.

Please either email or fax the completed form with the appropriate documents to: **sales@careydoor.com** or (203) 267-4292.

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!