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## Rolling Door “Red Zone” for Installations and Service

### Introduction

When installers arrive at a job site to install a rolling door, it is a common occurrence for them to encounter obstructions that impede *or prevent the installation of the door*. Many times other trades have come into an area and installed electrical equipment, mechanical equipment, or walls and ceilings near the door opening before the door is installed. Consequently, the door cannot be installed, resulting in costly rework and lost time. In order to aid architects, project managers, contractors and building owners, DASMA is providing pre-installation “Red Zone” diagrams.

The “Red Zone” is the area required to remain clear for installation and maintenance of the door, and is denoted by hatched areas on the diagrams. These areas indicate door and hardware locations and, most importantly, service area requirements. A rolling door dealer can supply the pertinent information shown in tabulated form on the appropriate diagram. The industry advises that the completed diagram be submitted with the door shop drawings, signed by the site superintendent, and distributed to the building owner and other pertinent trades.

Wall areas encompassed by the “Red Zone” are to be kept clear of electrical and mechanical equipment including conduit, junction boxes, light fixtures, sprinkler equipment, heating units, cranes, monorails and other items.

### Diagrams

Red Zone diagram for Rolling Doors

- Applies to manually operated rolling doors.

Red Zone diagrams for Rolling Doors with Operators

- Applies to motor operated rolling doors.
- Motor operator mounting orientation should be selected by checking the appropriate box.
- Motor clearances should include the space required for installation and wiring the operator.
- Separate forms have been created for bracket-mounted and wall-mounted operators.

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This Technical Data Sheet was prepared by the members of DASMA's Rolling Door Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential and commercial garage doors; operating devices for garage doors and gates, sensing devices, and electronic remote controls for garage doors and gate operators; as well as companies that manufacture or supply either raw materials or significant components used in the manufacture and installation of the Active Members' products.

ROLLING DOOR DIVISION  
**TECHNICAL DATA SHEET**  
**#276**

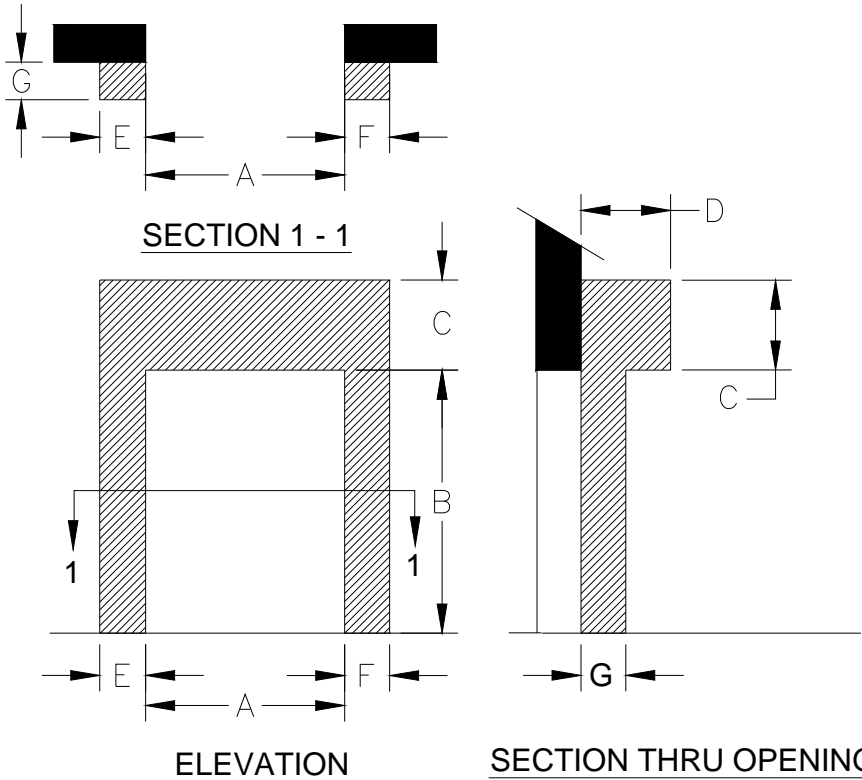
DASMA TDS-276

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**RED ZONE DIAGRAM FOR ROLLING DOORS**

The hatched areas locate door and hardware for the door and most importantly service area requirements on the subject project. Walls are to be kept clear of electrical and mechanical equipment including conduit, junction boxes, light fixtures, sprinkler equipment, heating units, cranes and monorails, etc.

PROJECT: \_\_\_\_\_ RCVD BY: \_\_\_\_\_ DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_



DOOR #	DOOR TYPE	A WIDTH	B HEIGHT	C	D	E	F	G

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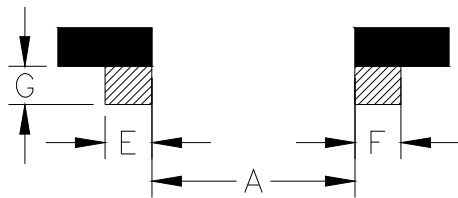
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**RED ZONE DIAGRAM FOR ROLLING DOORS WITH BRACKET-MOUNTED OPERATORS**

The hatched areas locate door, hardware and operating devices for the door and most importantly service area requirements on the subject project. Walls are to be kept clear of electrical and mechanical equipment including conduit, junction boxes, light fixtures, sprinkler equipment, heating units, cranes and monorails, etc.

PROJECT: \_\_\_\_\_ RCVD BY: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

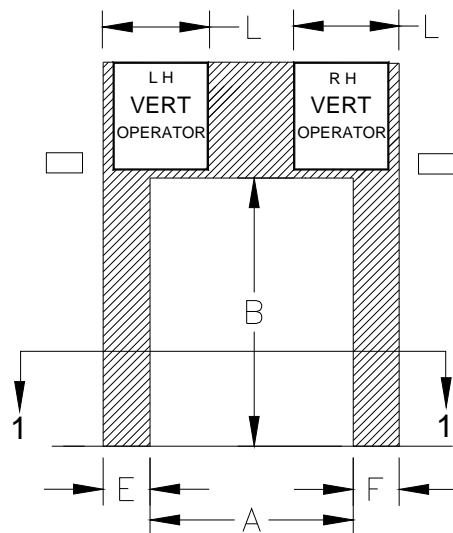


**MOTOR CLEARANCE DIMENSIONS**

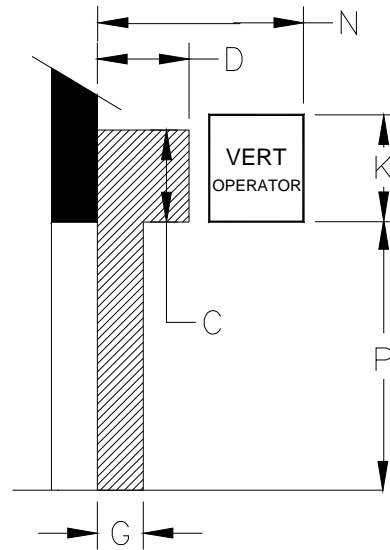
K	L	N	P

Check one box corresponding to Motor Operator orientation.  
 NOTE: Other mounting types available.  
 Contact manufacturer for clearances.

**SECTION 1 - 1**



**ELEVATION**



**SECTION THRU OPENING**

DOOR #	DOOR TYPE	A WIDTH	B HEIGHT	C	D	E	F	G

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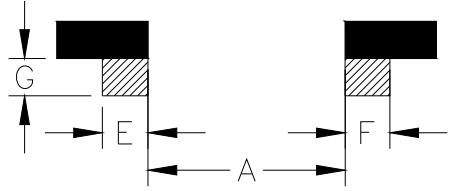
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**RED ZONE DIAGRAM FOR ROLLING DOORS WITH WALL-MOUNTED OPERATORS**

The hatched areas locate door, hardware and operating devices for the door and most importantly service area requirements on the subject project. Walls are to be kept clear of electrical and mechanical equipment including conduit, junction boxes, light fixtures, sprinkler equipment, heating units, cranes and monorails, etc.

PROJECT: \_\_\_\_\_ RCVD BY: \_\_\_\_\_ DATE: \_\_\_/\_\_\_/\_\_\_

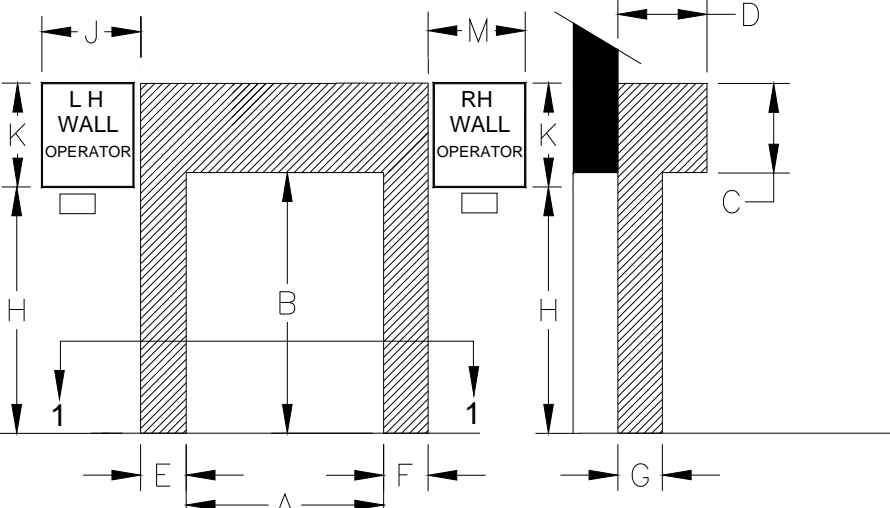


**SECTION 1 - 1**

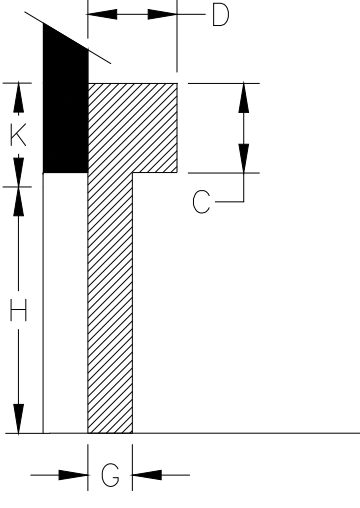
**MOTOR CLEARANCE DIMENSIONS**

H	J	K	M

Check one box corresponding to Motor Operator orientation.  
 NOTE: Other mounting types available.  
 Contact manufacturer for clearances.



**ELEVATION**



**SECTION THRU OPENING**

DOOR #	DOOR TYPE	A WIDTH	B HEIGHT	C	D	E	F	G

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