

# UNITEC® Folding Door Restrictor

800-328-7840

- Maintenance-Free Evacuation Deterrent Device
- No Moving Parts During Normal Operation
- Meets requirements of ANSI A17.1 Rule 2.12.5 & Appendix B
- Low Cost (approx. \$15 per floor and \$270 per car)
- For Center-Opening, Single-Slide & 2-Speed Doors with Varying Entrance Heights Between 84 in. and 96 in.

Facia-Mounted Angle  
(between floors  
when needed)



Top Hall Door-Mounted Angle



*To find out if the  
folding door restrictor  
is right for you, visit  
[www.unitecparts.com](http://www.unitecparts.com)  
for spec sheet  
or call 800-328-7840.*

**UNITEC PARTS COMPANY®**

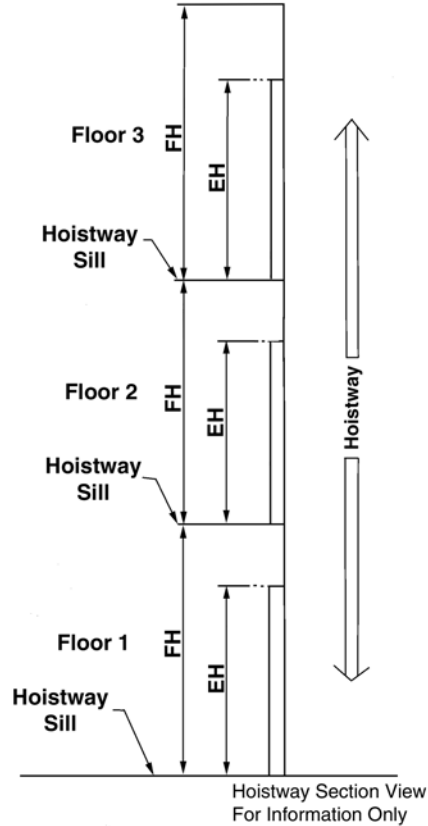
**[www.unitecparts.com](http://www.unitecparts.com) 800-328-7840**

Unitec® is a registered trademark of Otis Elevator Company, Farmington, CT.  
(Rev. 04-2007)

**FAX Back to UNITEC® @ 860-286-1625**

NOTE: Use one survey sheet per car, unless all dimensions and landing configurations are the same.

Floor Number	Entrance Height (EH)	Hoistway Floor Height (FH)
1		1-2
2		2-3
3		3-4
4		4-5
5		5-6
6		6-7
7		7-8
8		8-9
9		9-10
10		10-11
11		11-12
12		12-13
13		13-14
14		14-15
15		15-16
16		16-17
17		17-18
18		18-19
19		19-20
20		



**NOTES:**

1. The table should have one more measurement for Entrance Heights than there are Hoistway Floor Heights.
2. Above 20 floors, contact Unitec® for restrictor options. If job has rear entrances, contact Unitec® directly.

**Fill Out:**

**Opening Type:**

- Center-Opening
- Single-Slide
- Two-Speed

Number of Cars: \_\_\_\_\_ Number of Landings per Car: \_\_\_\_\_

Quantity of Front Entrances: \_\_\_\_\_ Quantity of Rear Entrances: \_\_\_\_\_

If you have Otis type 6940 door locks, provide length of car vane (cam) on the car door: \_\_\_\_\_

**Are There Sill Mounted Closers?**

- Yes
- No

# FOLDING DOOR RESTRICTOR SPEC SHEET

MARCH 2004

## BENEFITS

- Maintenance-Free Passive Device
- No Moving Parts During Normal Elevator Operation
- Meets all requirements of ANSI A17.1 Rule 2.12.5 & Appendix B
- Low Cost (approx. \$10 per floor and \$265 per car)
- For Center-Opening, Single-Slide, and 2-Speed Doors with 84 in. and 96 in. Entrance Heights

## RUNNING & DOOR CLEARANCES

- 5.25 in. (+/- 0.125 in.) between car doors & hoistway doors with standard 1.25 in. running clearance sill-to-sill.
- Car door-to-hoistway sill nose must be greater than 2.75 in.
- Hoistway door-to-car sill nose must be greater than 3.375 in.
- Car door-to-hoistway door 5.25–5.50 in. permissible, but requires shims under angles.

**NOTE:** Sill-mounted closers for 2-speed hoistway doors will interfere with standard installation. Contact Unitec for per-contract specification—additional costs apply.

## CAR DOOR SPACE REQUIRED

### 84-in. Entrance Heights:

6.25 in. wide by 65.75 in. from trailing edge bottom of driven car door panel. *Ensure no operator linkage passes through this space.*

### >84-in.–96-in. Entrance Heights:

6.25 in. wide by 77.75 in. from trailing edge bottom of driven car door panel. *Ensure no operator linkage passes through this space.*

**NOTE:** If these spaces are not available, you may still be able to use the Folding Door Restrictor, but the costs may increase. **Call Unitec with the space you have available for more information.**

## FLOOR HEIGHT RESTRICTIONS

### 84-in. Entrance Heights:

Allowable sill-to-sill floor height range is 99 in. to 130.5 in.

### 96-in. Entrance Heights:

Allowable sill-to-sill floor height range is 111 in. to 154.5 in.

**NOTE:** If entrance heights fall outside these parameters or are not consistent within 1 in., contact Unitec with contract specification for feasibility study—additional costs apply.

**UNITEC**  
EXCELLENCE FROM THE GROUND UP  
**(800) 328-7840**  
**www.unitecparts.com**