

ONE COMPANY
So Many Options

MODERNIZE

FREIGHT DOORS • CAR GATES • CAR ENCLOSURES • POWER CONVERSION



Freight Door Systems



Freight Car Enclosures



EEC Installation



Material Handling
Systems



Service Parts



Service Parts



Service Parts



Service Parts

www.couriondoors.com



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Available From Courion



COURION can provide you with a Modernization Package for almost any Freight Elevator Door Job, including -

- Courion
- Security Fire Door
- Harris Preble
- Guilbert
- Peelle
- EMS
- Westinghouse
- Otis

COURION's Modernization Package includes all of the equipment necessary to power operate your existing freight doors, including door operators, interlocks, limit switches, door controllers with swquence and firefighters service, retiring cams, power car gates, and light curtain protection.

Since 1920, Courion has manufactured state-of-the-art equipment for its **COURION** and **SECURITY** Freight Door Systems, and **CART-MATIC**, and **TOTE-MATIC** Dumbwaiter Systems. In addition, Courion is the exclusive provider of **ENERGY**, **HARRIS PREBLE**, and **GUILBERT** parts.

If you cannot find the specific parts in this Catalog, please contact Courion's Customer Service Department at (800) 533-5760 or (314) 533-5700.

To insure proper replacement parts, please provide the appropriate JOB NUMBER, JOB NAME, or JOB LOCATION, when ordering. Courion Job Numbers can be found in the elevator door control cabinet, installation prints, or Parts and Maintenance manual that was shipped with the Courion equipment.



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P Style Freight Doors

Part Description

Guide Rails

Door Operators

Limit Switches

Lock Bar

Interlock

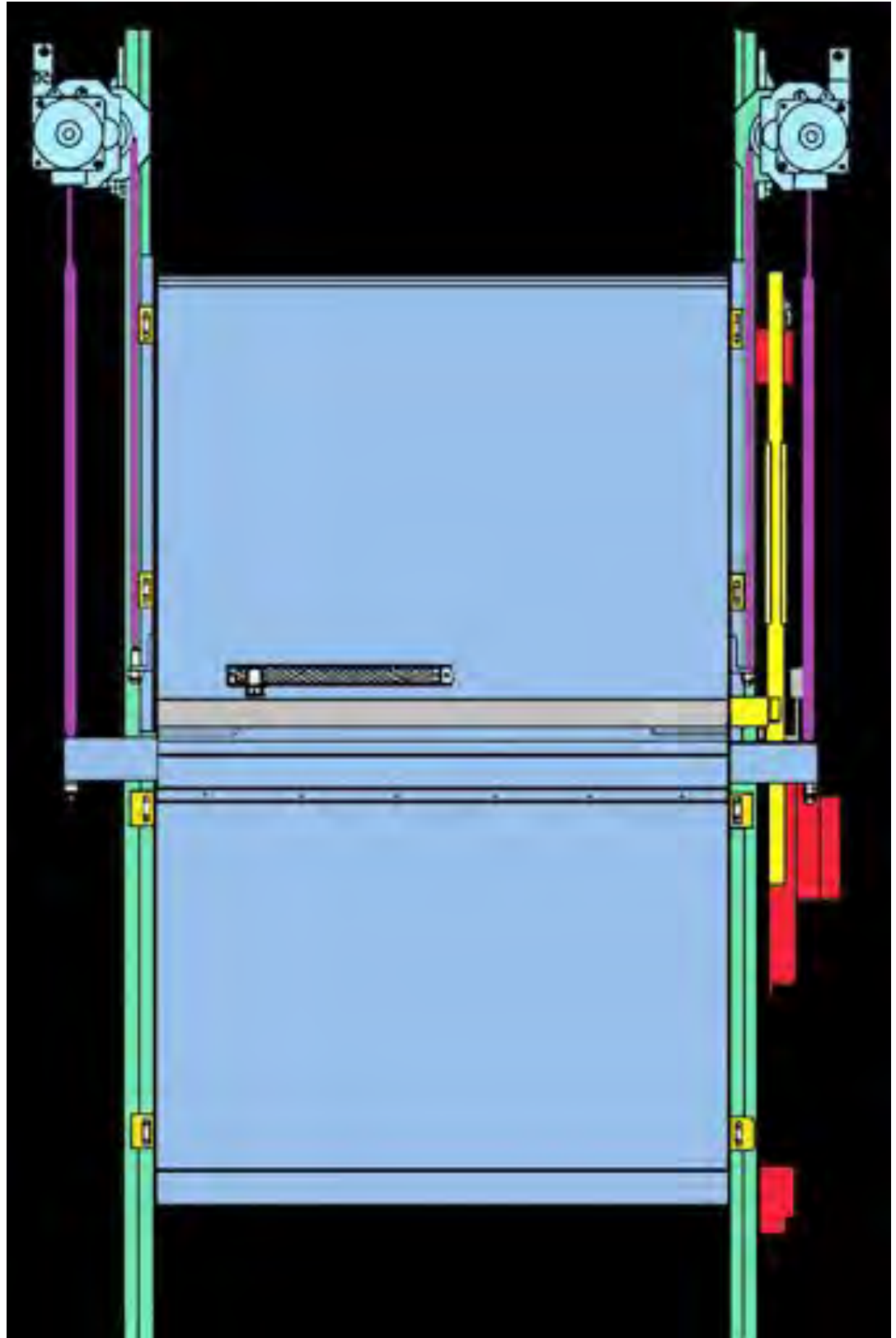
Chain & Chain Rod

Guide Stops

Door Panel

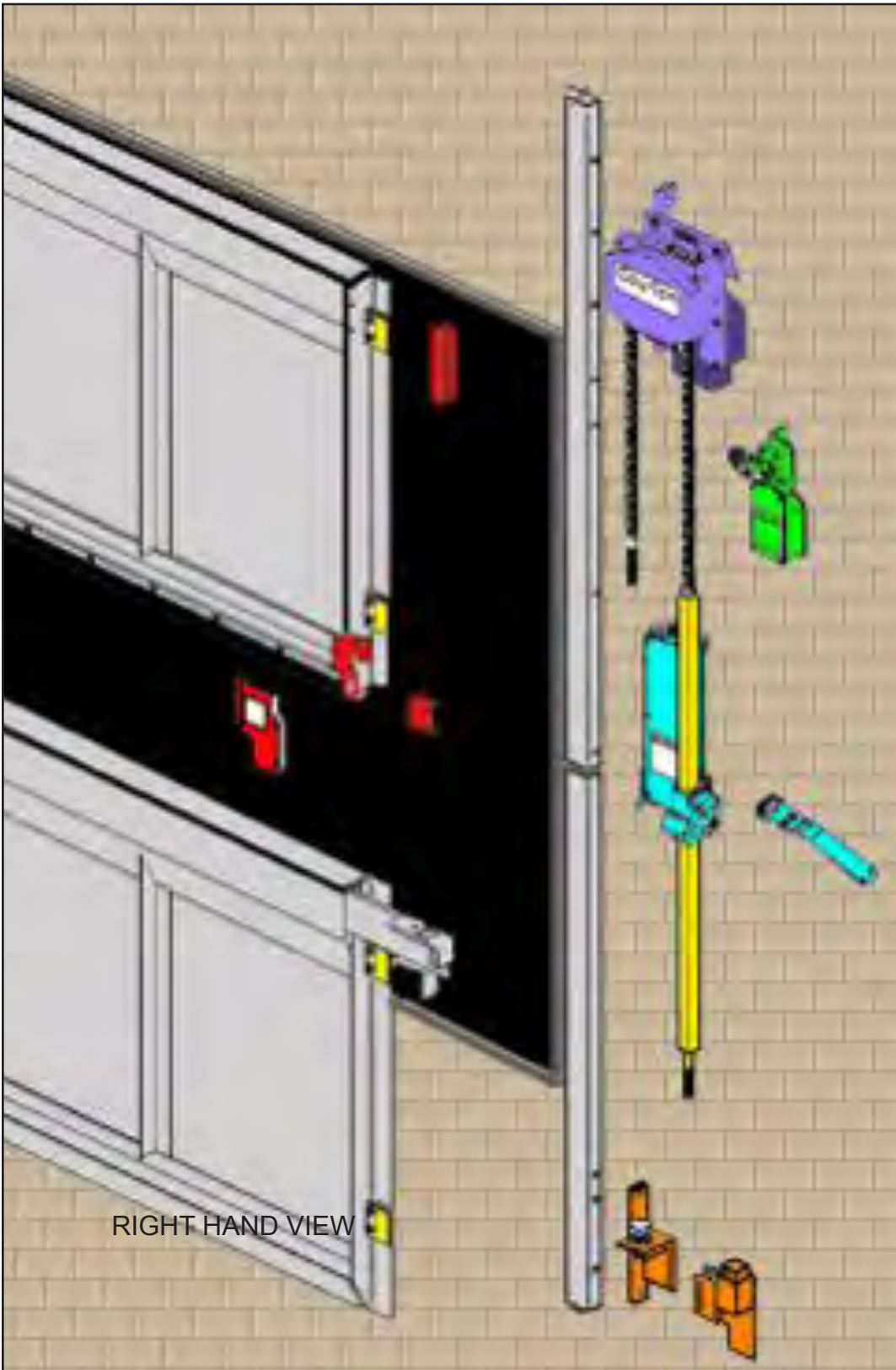
Guide Shoe

Web Strap



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Q Sytle Frieght Doors



Part Description

Guide Rails

Door Operators

Limit Switches

iSENSORS

Interlock

Chain & Chain Rod

Guide Stops

Door Panel

Guide Shoe

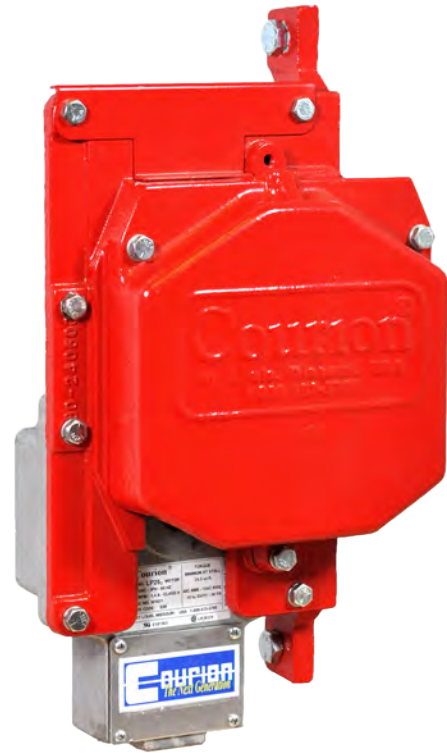
Auto-Stop Switch

Power Operation

Add Power Operation to ANY Existing Freight Door System

We can provide you with a Power Conversion Package for **ANY** existing Freight Door System.

Westinghouse



Courion's Power Conversion Package contains all of the equipment necessary to power operate your existing freight doors, including:

- Door Operators
- Interlocks
- Limit Switch
- Courion Door Controller with sequence operation and firefighters service.
- Retiring Cam Assembly
- Complete Power Operated Gate
- Emergency Unlocking Devices (when required)
- New Courion LF-96 Door Shoes

Available Options:

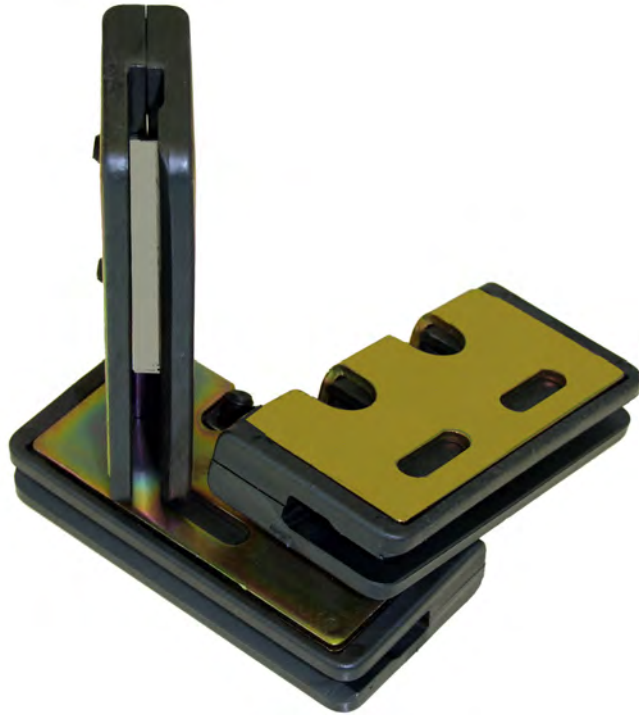
- Auto-Set Switch
- Courion's CARE Reversing Edge
- NEMA 4X, 7, and 9 Equipment
- Wiring Material

Need a New Pair of Shoes?

Courion maintains a wide variety of Adjustable Guide Shoes, including the NEW LF96 Guide Shoe with low-friction bearing surfaces.

All we need is the **Job Number**, **Job Name**, or **Job Location**, along with the Elevator/Shaft Number and Landing/Entry Number to process your order.

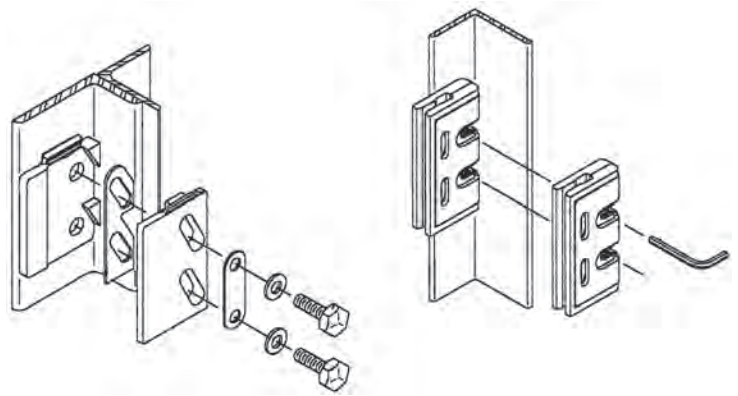
Replace your old-style guide shoes with Courion's new LF96 guide shoes.



LF96 Guide Shoe

Courion finally brings freight door guide shoes out of the Stone Age. The Courion LF96 Guide Shoe has time-saving features that are not available anywhere else in the industry.

- Installs quickly. Composite design means no more shims or small shoe pieces.
- Lasts longer. Molybdenum surfaces withstand loss of lubrication. Hardened wear strips are built-in.
- Quiet. Low friction-bearing surfaces eliminate metal to metal clattering.
- Ambidextrous. One model fits both left and right hands.
- Retrofittable. Replaces almost all standard Courion door and gate guide shoes.
- Approved by UL. Can be used on all Courion labeled freight elevator doors.

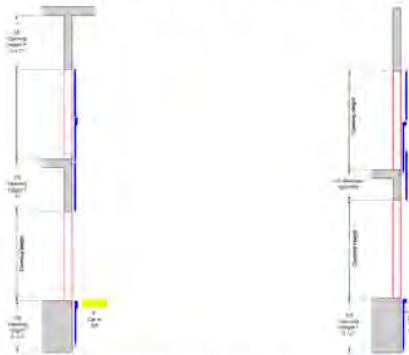


Hoistway Door Panels

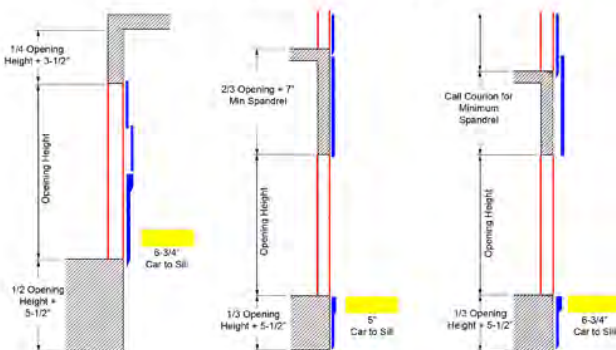
Damaged Hoistway Door Panel?



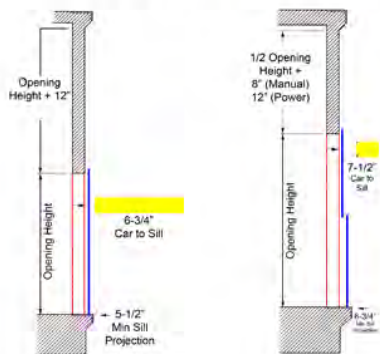
Regular and Pass Type



Compound Type



Slide-Up Type



Available Hoistway Door Panels



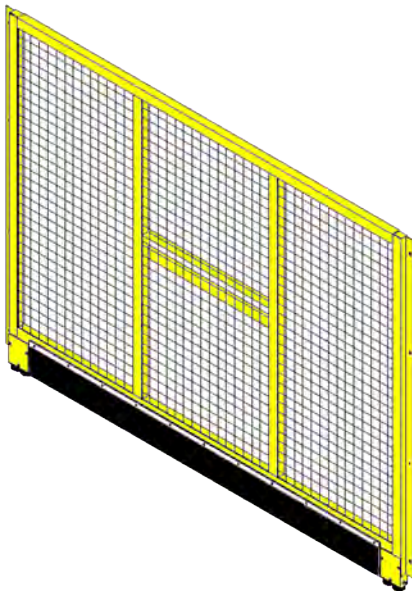
Hoistway Door Panel Construction

- Steel Plate (SP) panels have 12 gauge face sheets welded to reinforced structural steel frames. SP doors are UL rated 1-1/2 hours (B).
- Steel Plate Insulated (SPI) doors are similar to SP doors, with the addition of insulation and a shaft-side steel sheet cover. SPI doors are additionally rated for 650 degree temperature rise in 30 minutes
- Metal Clad (M-6) doors have wood cores with galvanized steel coverings that provide greater fire resistance and extra resilience. M-6 doors are UL & C-UL rated 1-1/2 hour (B).

Hoistway Door Panel Finishes

- Factory Prime
- Air Dry Enamel (color required)
- All Stainless Steel Construction
- Stainless Steel Roomside Facia
- Sound Deadening on Shaft Side

IMPORTANT: Courion Hoistway Door Panels are manufactured in accordance with Courion's UL procedures. Replacing a single panel with one tested under a different procedure may void the UL label.



Car Gate Panels

Fork-Lift Run Into Your Car Gate?

Available Car Gate Panels



Car Gate Panel Construction

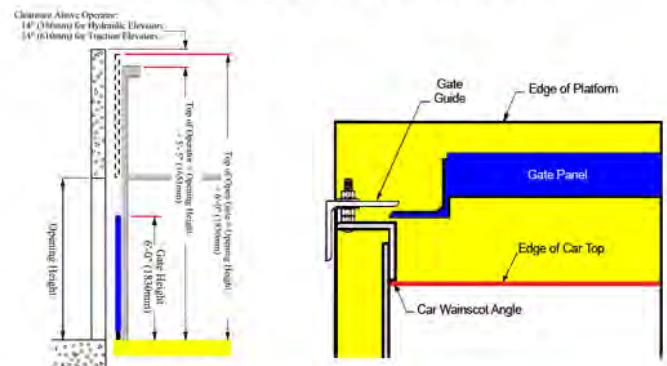
- Wire Mesh Gate Panels are fabricated out of 10 gauge round wire formed in a 1-3/8" (34mm) mesh, crimped in both directions and welded into a roll formed steel frame (3/8" (9mm) mesh is available when required).
- Solid Panel Gate Panels are furnished standard in 18 gauge mild steel.

Car Gate Panel Finishes

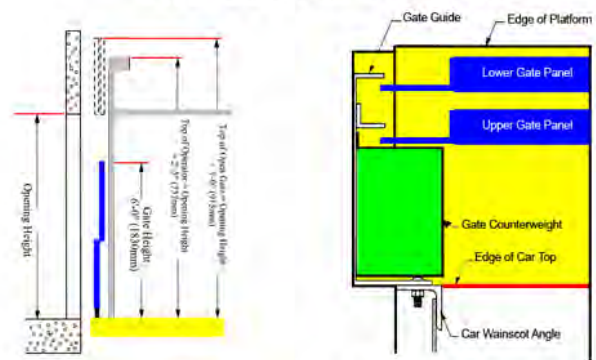
- Factory Prime
- Air Dry Enamel (color required)
- All Stainless Steel Construction
- Standard Height (6' - 154mm)
- Full Opening Height
- Bumpers - Wood
- Bumpers - Steel

Car Gate Panel Protection: All Courion Car Gate Panels come with a Courion Reversing Edge. Other non-contact reversing devices are available from Courion. Please see "Door Protection" in this manual.

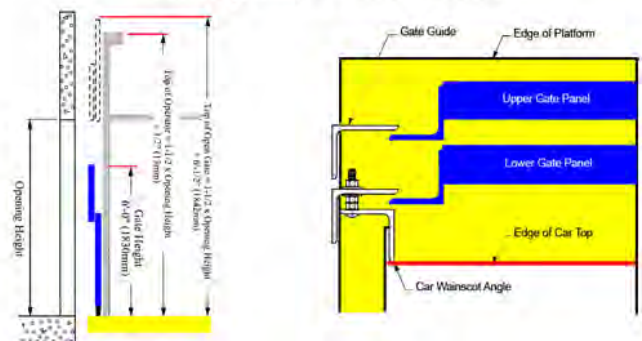
Single Section Car Gate



Two-Section Car Gate



Compound Car Gate



Hoistway Door Guide Rails

Bent Hoistway Door Guide Rail?



Available Features

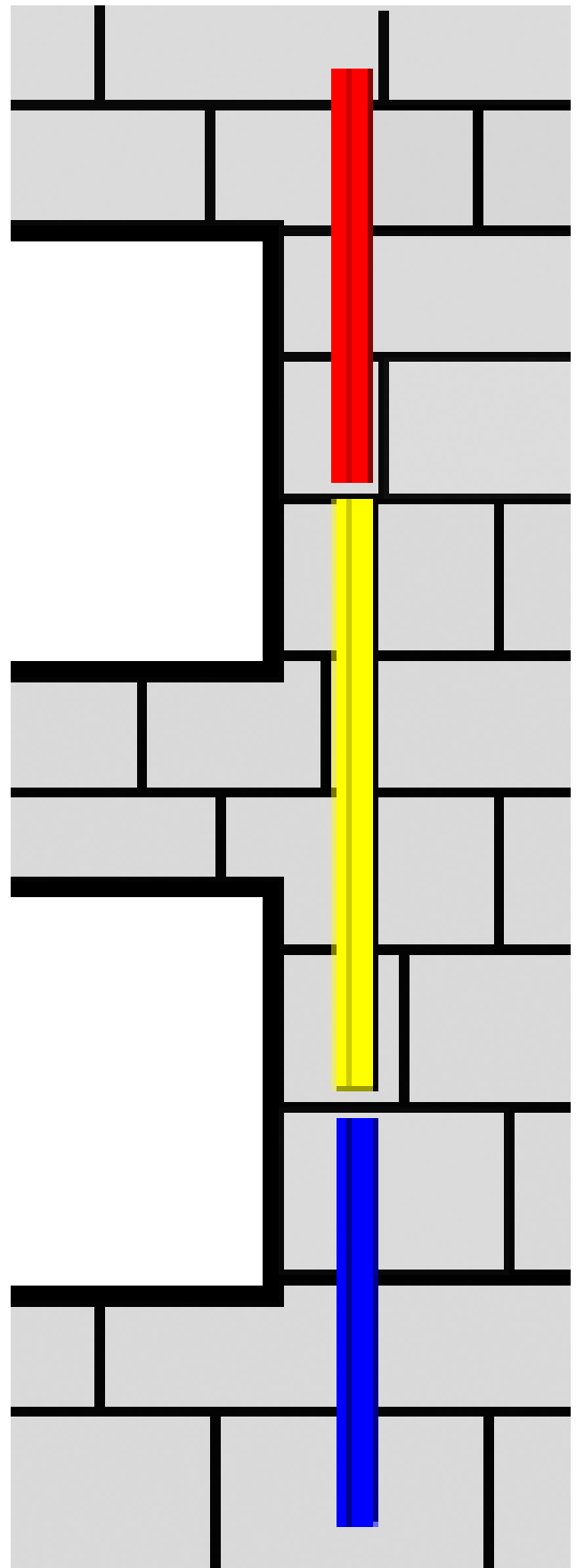
- Guide Stops
- Guide Lugs
- Mounting Hardware
- Stainless Steel
- Painted

Upper Guides are labeled with the Courion door mark corresponding to the opening for which they serve as the upper guide. (Example: the upper guide rails for Opening 2 will be marked 2R and 2L)

Intermediate Guides are labeled with the Courion door mark corresponding to the opening for which they serve as the upper guide. (Example: the intermediate guide rail shown between Opening 1 and Opening 2 will be marked 1R and 1L)

Lower Guides are labeled with the Courion door mark corresponding to the opening for which they serve as the lower guide followed by the letter "A". (Example: the lower guide rails for Opening 1 will be marked 1A-R and 1A-L)

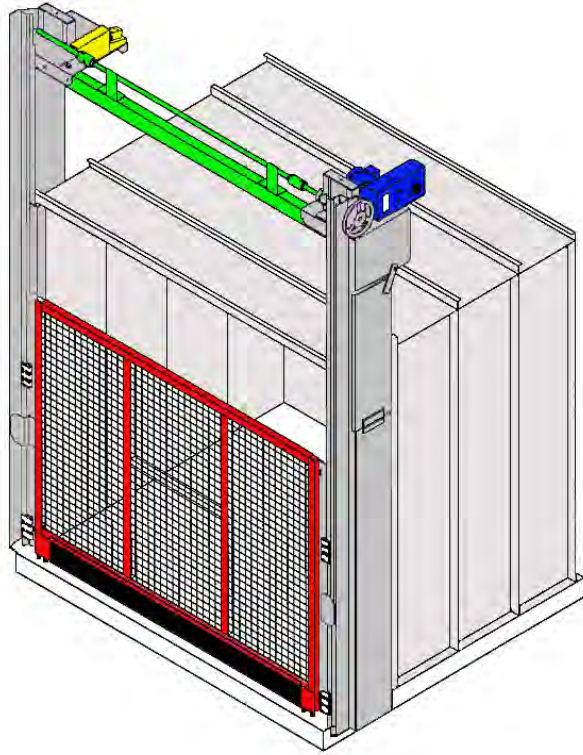
The HAND is determined by standing in the car and looking out. Right Hand shown.



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Car Gate Guide Rails

Need New Gate Guides?



Available Gate Guide Rails and Features

- Gate Column Assembly (shown at left) for “Q” Style Gate Systems
- Gate Guides for existing single-section or two-section car gates manufactured by Courion, Security Fire Door, Harris Preble, or Guilbert.
- Stainless Steel
- Painted

We can provide you with Gate Guide Rails for Courion, Security, Harris Preble, and Guilbert Gate Systems.



“Q” Style Gate Column

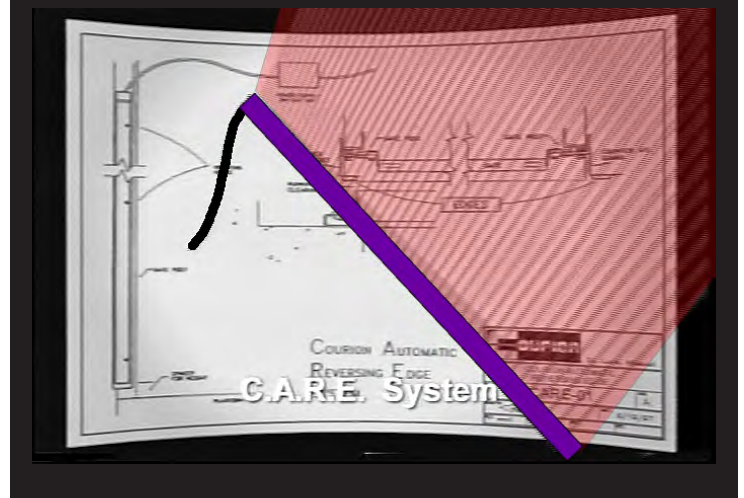
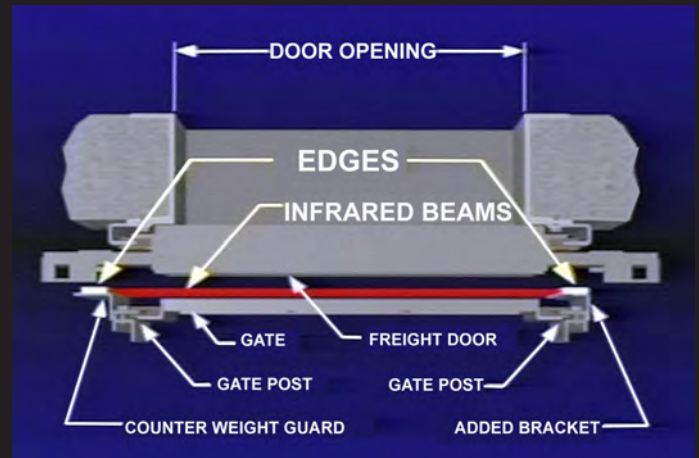
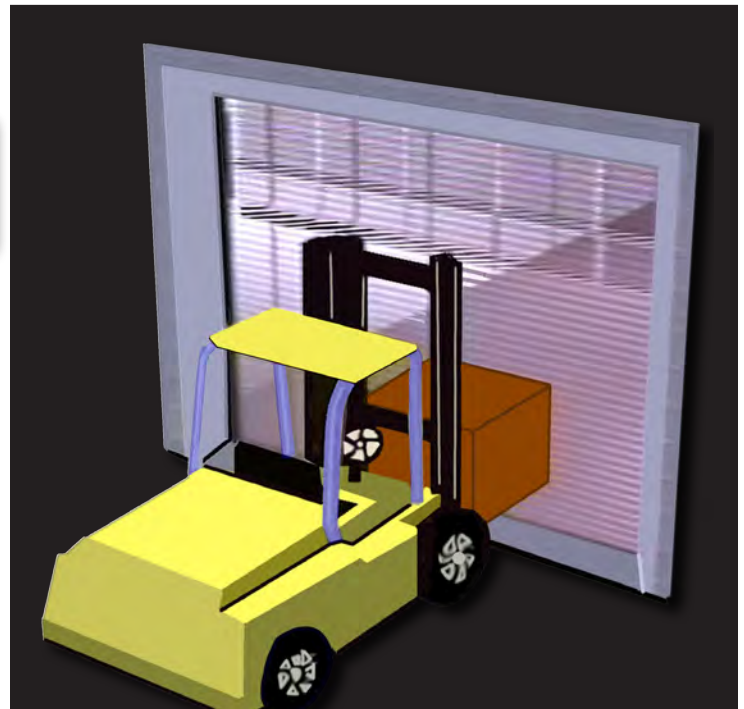
Door Protection

Protect Your Doors and Gates From Damage!

CARE Automatic Reversing Edge

Courion, the company known for innovation in the freight elevator door industry, introduces the next generation of freight elevator door protection - The Courion Automatic Reversing Edge System (CARE).

- Non-Contact Light Curtain. 32 infra-red cross beams fill the opening from floor to a height of approximately 6' (1740 mm)
- Cost Effective. Reduces damage to freight doors normally caused by freight movement.
- Easy to install. Power supply mounts directly on car enclosure canopy while edges mount between the gate equipment and running clearance of the car.
- Retrofittable. Can be added to almost any existing freight door system including Courion, Harris Preble and Guilbert.



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Replacement Parts

90-514501

CARE-C Power Supply



90-514500

CARE-C Light Curtain (6'-0") (1800mm)

90-514508

CARE-C Light Curtain (8'-0") (2500mm)

Available in custom sizes - please contact Courion
(includes transmitter, receiver, and 16' cables)

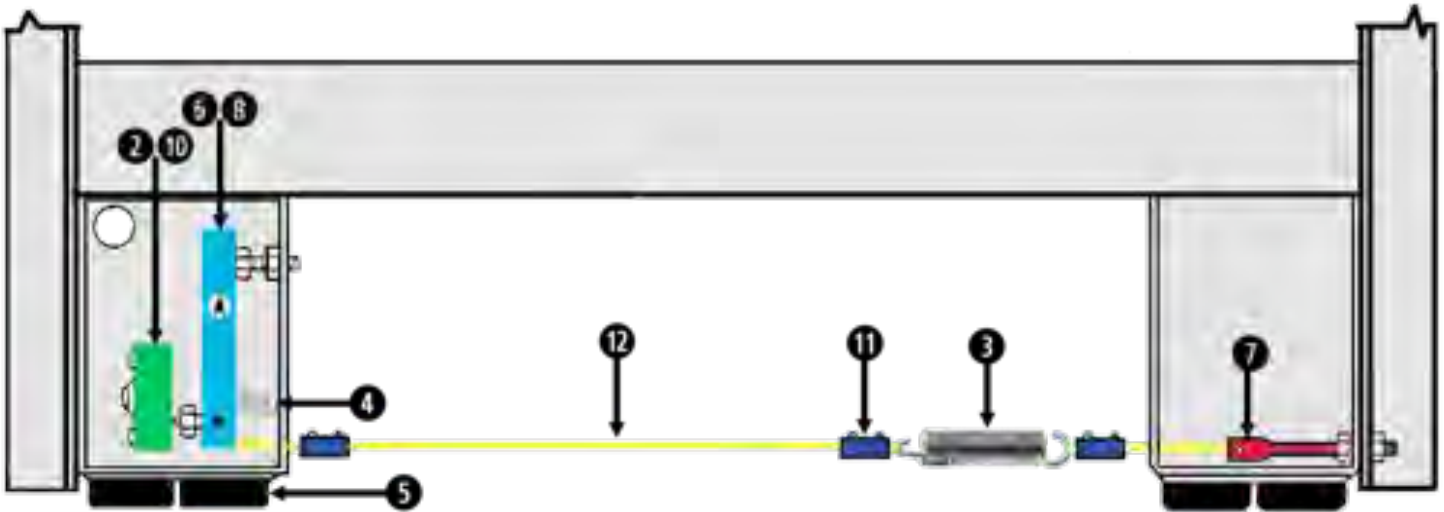


Specifications

Number of beams	32 non-focused infrared beams
Operating Range	up to 39' (12 m)
Protection Height	71" (1,800mm) or 98" (2,500mm)
Response Time	max. 20 ms
Light Immunity	100,000 lux - visible light
Supply Voltage	17...240 VAC / DC
Relay Output	250 VAC / 8 A, 30 VDC / 8 A (resistive load)
Operating Temperature	-20° C ...+65°C
Unit Size	1/2" (12mm) x 5/8" (16mm) x 6'-0" (1850mm)
Case & Cable	Anodized aluminum alloy - 16'-0" (5000mm)(x2) cables supplied
Enclosure Rating	Sensors = IP65 or IP67 Control Unit = IP54

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Car Gate Reversing Edge



#	Part #	Description
	07-600200	Contact Base Cover
②	07-600700	Insulator
③	07-689701	Trip Wire Spring
④	08-500300	Contact Lever Spring
⑤	09-102200	Rubber Bumper
⑥	11-204801	Contact Lever
	20-006011	Neoprene Boot
⑦	90-000500	Dead End Bolt
⑧	90-807700	Nylon Bushing
⑩	90-875300	Reversing Edge Micro Switch
⑪	90-878500	Wire Clamp
⑫	90-887900	Trip Wire

The length of the Gate Reversing Edge Assembly depends upon the length of your gate panel. To insure that you receive the correct replacement part, please consult with a Courion Customer Service Representative prior to ordering.

Standard NEMA 1 rating. Explosion-Proof (NEMA 7 & 9) and Dust, Moisture & Oil Resistant (NEMA 4, 12, & 13) available.

REV-XXX Reversing Edge Repair Kit

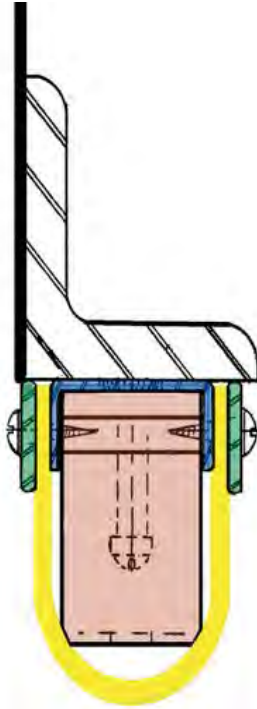
This Kit includes all of the parts necessary to replace an existing Courion Gate Reversing Edge except the Channel and electrical boxes.

ASSEMBLY IS REQUIRED

Standard NEMA 1 rating. Explosion-Proof (NEMA 7 & 9) and Dust, Moisture & Oil Resistant (NEMA 4, 12 & 13) Kits available.



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Safety Meeting Rail

The length of the Door Panel Safety Meeting Rail Assembly depends upon the length of your door panel. To insure that you receive the correct replacement part, please consult with a Courion Customer Service Representative prior to ordering.

Available also in Loop Style.

Part #	Description
09-102201	Rubber Bumper
15-101000	Safety Meeting Rail Channel
15-101100	Mounting Strip
20-005001	Novatex (5")
20-005011	Novatex (6")
90-855400	Novatex (+6")

SMR-OXX Door Panel Safety Meeting Rail Assembly

We can provide you with a Door Panel Safety Meeting Rail Assembly for almost any SECURITY, HARRIS PREBLE or GUILBERT Job.

The length of the Door Panel Safety Meeting Rail Assembly depends upon the length of your gate panel. To insure that you receive the correct replacement part, please consult with a Courion Customer Service Representative prior to ordering.

