

08 42 00/CRL
BuyLine 1676

ARCHITECTURAL HARDWARE GLASS ENTRANCES AND STOREFRONTS



MANUFACTURED BY C.R. LAURENCE COMPANY



- 'All-Glass' Entrance and Storefront Systems
- Panic Handle Systems ■ Commercial Patch Hardware ■ Heavy Glass Door Systems
- Structural Glass Fittings ■ A Full Line of Complementary Accessory Items



CRL[®]

ISO 9001:2000 Certified
C.R. LAURENCE COMPANY
crlaurence.com | Worldwide Supplier

A COMPLETE LINE OF HARDWARE FOR THE CONTEMPORARY 'ALL-GLASS' LOOK

INNOVATION



Heavy Glass Sliding Door System



Door and Sidelite Rails, Patch Fittings



SPS Stacking Partition System for Heavy Glass

STYLE



Spider Fittings



Standoffs



Glass Awning Support System



Glass Clamps

QUALITY



SDR Bottom Rolling Sliding Door System



Deadbolt Handles



Panic Handles

ANSI/BHMA A156.3-2001 Grade 1 Panic Handle and ANSI/BHMA A156.16-1997 Grade 1 Deadbolt Handle for 'All-Glass' Doors

CRL WEDGE-LOCK™ 'ALL-GLASS' DOOR RAILS

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2-5/16" Low Profile 4" Tapered 4" Square 6" Square 10" Square

- Adjustable Door Alignment System Allows Jamb Line Adjustment Without Removing Door
- Solid Aluminum Rail, Rigid Single Component Housing Will Not Shift and Fall Out of Alignment Over Time Because the Housing is Not Made of Two Halves
- Door Rails Come Completely Fabricated So Door Assembly Can Be Ready for Installation in Less Than 10 Minutes
- Dry Glazing Allows Easy Field Glass Replacement
- Glass Securing Pads Designed for Longevity in Extreme Environments
- Available With or Without a Lock
- Six Popular Stock Finishes
- Custom Finishes, Lengths and Heights Available
- Stocked for 3/8", 1/2", and 3/4" Tempered Glass



Patented Wedge-Lock™ Glass Securing System

The patented Wedge-Lock™ Glass Securing System is a totally original concept for securing the glass in the Door Rail. No more fumbling with multiple pieces, trying to align them properly. No more time wasted waiting for cement to dry, or in clean up.

The Wedge-Lock™ System works by applying pressure evenly along both sides of the glass. Simply tighten the jaw screws, accessed from the hardware pocket of the rail. The screws then draw down a flat stainless steel bar. The steel bar in turn pulls down the gripping jaws. This action then forces the jaws towards one another, creating a tremendous amount of force against the glass, holding it securely in place. The Wedge-Lock™ Glass Securing System is so unique that it is covered by U.S. Patents 6,434,905 and 6,912,818 B2. Foreign Patents Pending.



Low Profile Door Rails

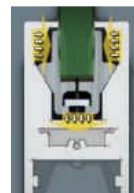
Only 2-5/16" tall for 1/2" tempered glass. Available in six finishes.

Laboratory Test

- Full Length Door Rails for Single or Double Doors in 2-5/16" Low Profile, 4" Tapered and 4", 6", and 10" Square
- Pull Tested to Nearly 7,000 Pounds



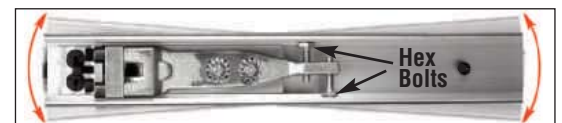
National Technical Systems, a certified laboratory, tested the Wedge-Lock™ Door Rail System at a temperature range from -10° to 150° F, with 1000 pounds of tension load applied. No evidence of movement was detected at any temperature. At an ambient temperature of 73° F, in a "Pull to Failure Test", 6900 pounds of tension was required before any creep (no failure was detected).



Made under the following: U.S. Patents 6,434,905 and 6,912,818 B2.



Our new and improved Kwik-Adjust™ Pivot Alignment System allows you to adjust the pivot alignment and edge clearances with the simple turn of a single screw, all without having to remove the door.



Door centering is easily achieved by turning the two hex head bolts

CRL SIDELITE RAILS, U-CHANNEL, AND ACCESSORIES



10" Square 6" Square 4" Square 4" Tapered 2-5/16" Low Profile

CRL Sidelite Rails with Top Load Roll-In Gasket

- Five Styles in Up To Six Stock Finishes
- Sidelite Rails Match Door Rails for Even Sightline
- Top Load Roll-In Gasket for 3/8", 1/2", 5/8", and 3/4" Tempered Glass
- Extruded Saddle is Reversible to Match 1/4" or 3/4" Door Clearances
- Custom Heights Available on Special Order



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

The profiles of our Sidelite Rails match perfectly with our Door Rails. Available in six finishes in 120" lengths, and two finishes in extra long 240" lengths, they match heights of both floor mounted and 1/2" threshold doors using our Reversible Saddle.

CRL Combination Wide U-Channel and Narrow Header

CRL Regular and Shallow U-Channel with Top Load Roll-In Gasket

- Available in Stock Lengths, Fabricated Headers, or Headers with Side Pockets for "Lift and Drop" Panel Glazing
- Matches the Width of Door and Sidelite Rails
- Accepts Roll-In Gasket, Top Pivot Block, and Flush Snap-In Insert
- Accepts 3/8", 1/2", 5/8", and 3/4" Tempered Glass
- Custom Sizes and Finishes Available

Combination Wide U-Channel and Narrow Header



Regular U-Channel with Aluminum/Neoprene Setting Block

Shallow U-Channel

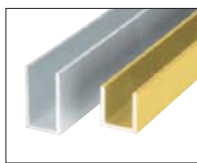


CRL Locking Ladder Pull

- Available in Seven Different Models
- Locks Operate at a Comfortable Height Above the Floor
- Alloy 316 Brushed Stainless Steel Tubing

Our new Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 42" to 48" above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. Models available: floor locking, both floor and head locking, and horizontal pulls locking into a jamb or sidelite.

CRL COMMERCIAL GLASS DOOR ACCESSORIES



CRL Wet/Dry Glaze U-Channel

- Accepts 3/8" or 1/2" Tempered Glass
- Offered in 1" and 1-1/2" Heights
- 120" and 240" Stock Lengths Available in Seven Finishes
- Custom Finishes Also Available



Wet/Dry Glaze U-Channels, provide the most economical way to glaze heavy glass. Using the Deep U-Channel on the top and the Shallow U-Channel on the bottom allows for the 'lift and drop' method of glazing. The glass can be secured with silicone sealant or our Top Load Roll-In Glazing Gasket.

CRL Stock Headers for Overhead Concealed Door Closers and Custom Length Door Headers with Glazing Pocket

- Six Stock Finishes
- Available in 4" or 4-1/2" Widths for 3/8", 1/2", 5/8", and 3/4" Tempered Glass



Fixed Panel Section with Glazing Gasket



Header Section

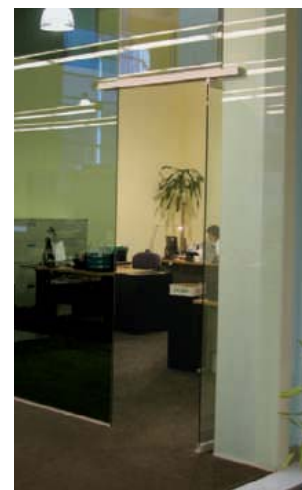
CRL Hat Channel Door Closer Header for Single and Double Doors

- Surrounded by "L" Angle to Support Ceiling Tiles
- White Finish to Match Ceiling "T" Bar
- Provides Almost Invisible Look



CRL Floating Header for Overhead Concealed Door Closers

- Available for 1/2" Glass-to-Glass or Glass-to-Wall Installations
- Stock 36" Single and 72" Double Headers, With Custom Sizes Available
- Available in Six Stock Finishes



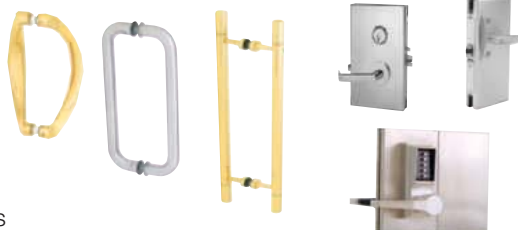
CRL Hat Channel for Fixed Glazing

- White Finish to Match Ceiling "T" Bar
- Accepts 3/8" or 1/2" Tempered Glass
- Glass Secured With Silicone Sealant



Complete Line of Heavy Glass Door Pulls and Center Lock Housings

- Custom Finishes and Sizes Available
- Beautiful Accessories for Frameless 'All-Glass' Entrance Doors and Sidelites



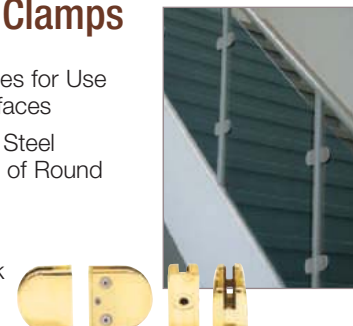
CRL Standoff Display System

- Can Be Used Indoors or Outdoors and Combined With CRL's Edge Grips or Swivel Fittings to Create Unique Displays
- Infinite Design Options Including Signage, Furniture, and Retail Displays



CRL Z-Series Glass Clamps

- Choice of Flat or Radius Bases for Use on Round Tubing or Flat Surfaces
- Available in Zinc or Stainless Steel Construction, in Your Choice of Round or Square Corner Design
- Up to Eight Stock Finishes
- Models for 1/4" to 1/2" Thick Tempered Glass



CRL COMMERCIAL GLASS DOOR SYSTEMS



CRL Heavy Glass Sliding Doors

- Variety of Styles and Finishes Available for Use With 3/8" or 1/2" Tempered Glass
- Each Unit Custom Built to Fit the Opening
- Saves Valuable Floor Space - Will Not Project Out of the Door Opening



CRL Top Hung Single Track and Double Track Sliding Door System

- CRL80 and CRL180 Hardware Systems for 5/16", 3/8" or 1/2" Thick Tempered Glass
- R130 System for 3/8" and 1/2" Glass is Rated for Panels Weighing Up to 297 Lbs.
- An Easy-to-Install Bypass Door System
- No Notches or Holes Necessary for Installation
- Typical Applications Include Displays, Office Partitions, and Room Dividers



CRL Laguna Series Sliding Glass Door System

- Contemporary New Look for the Office or Home
- All 316 Alloy Brushed Finish Stainless Steel
- Ideal for Interior Room Applications
- For Use With 3/8" or 1/2" Tempered glass



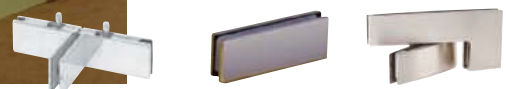
CRL Laguna Series Pivot Door System

- Contemporary Look
- Mix and Match for Various Configurations
- Maximizes Glass and Minimizes Hardware
- For 3/8" or 1/2" Tempered Glass
- Free Swinging or Use With Floor Mounted Door Closer



CRL Patch Hardware System

- Provides Frameless Storefront Appearance
- Allows Combination of Aesthetics and Versatility
- A Complete Selection of Products Including Patch Fittings, Inserts and Pivots, Lever Locks and Latches, Concealed Overhead and Floor Closers, Door Handles, and Many More Accessories





CRL SPS Stacking Partition System for Glass, Wood, or Aluminum Doors

- Provides the 'All-Glass' Look When Closed and a Full Width Opening When Doors are "Stacked"
- Glass Panels Disappear From Sight When Parked in the Parking Closet
- A Large Variety of Parking Configurations to Accommodate Almost Any Installation

Also see
Sweet's Section:
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TYPICAL APPLICATIONS:

- Retail Stores and Malls • Convention Centers
- Restaurants and Eateries • Automobile Dealerships
- Banquet Halls • Reception Areas • Stadium Club Boxes

As part of an ever-expanding architectural hardware line, CRL is proud to introduce their new Stacking Partition System (SPS), featuring Intelli-Track™. CRL used all of their resources to produce a product that their customers, architects, and designers will come to trust as a viable solution for 'all-glass' wall design needs.

The SPS, is engineered to provide virtually unlimited possibilities in the design of moveable glass dividing walls which can be rolled aside and "stacked" in a compact arrangement. They're ideal for storefronts and malls, allowing full visibility of merchandise combined with the flexibility to be stored conveniently out of the way quickly and easily. Restaurants, sidewalk cafes

and night clubs can easily expand their indoor/outdoor seating space.

SPS utilizes CRL's patented Wedge-Lock™ Glass Securing System, found in their popular Door Rails. Available in a variety of rail configurations and finishes.

CRL Engineers asked questions, made product comparisons, and designed the most versatile Stacking Partition System available. The directional rollers can be positioned on either the inside or outside track, and when they come in contact with the switching block they will travel the direction the switching block is oriented. This prevents accidental panel rotation and directs the panel to the proper track in the parking area every time you open it.

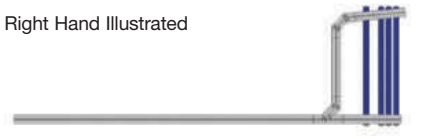


- Intelli-Track™ Rollers Work With Both Manual and Self-Guiding Intersections to Provide Directional Control and Prevent Accidental Panel Rotation
- Two Rollers per Panel Will Support 470 Pounds
- Compact Roller Design Allows for 2-7/8" Center-to-Center Door Rail Spacing in the Parking Area

Popular SPS Parking Configurations

Perpendicular Parking

Right Hand Illustrated



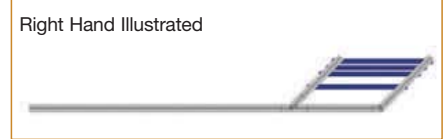
Parallel Parking

Right Hand Illustrated



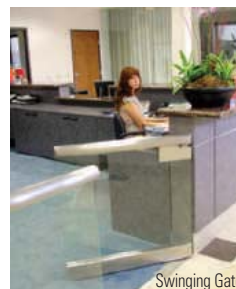
135 Degree Perpendicular Parking

Right Hand Illustrated



CRL Structural Glass Railing System With Gate

- Variety of Applications: Mezzanine Railings, Stairways, Escalator Alcoves, Windbreaks, Observation Decks, Balustrades
- Systems for 1/2" and 3/4" Thick Tempered Glass
- Custom Fabricated to Your Dimensions, or Stock Lengths Available



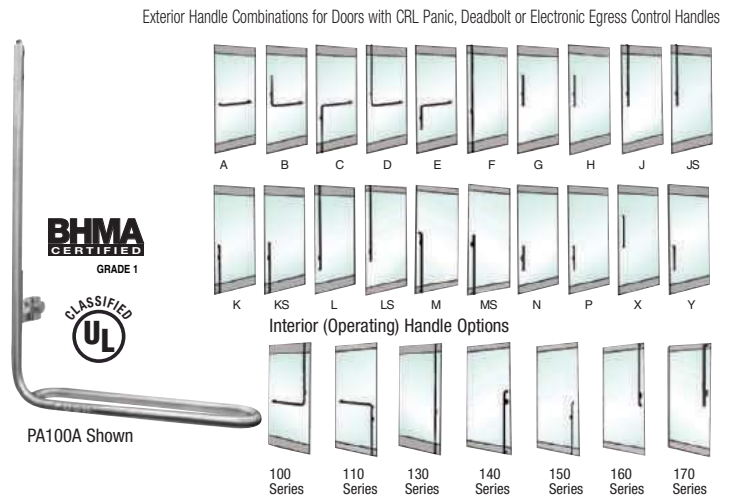
Swinging Gate



CRL EGRESS HANDLES

CRL Panic Handles and Deadbolt Handles

Certification: UL305, ULC/5132-93, and ANSI/BHMA A156.3-2001, Grade 1 Certified.



- For 1/2" or 3/4" Tempered Glass Doors
- Can Be Used as a Replacement for Older Panics and Deadbolts
- All Standard Finishes Ship Within 5 Working Days
- Optional Keyed Access and Electric Strike
- Available With a Wide Selection of Exterior Fixed Pull Handles on Special Order
- Matching Dummy Handles Available for All Styles
- Available in Polished or Brushed Stainless Steel, Satin and Polished Brass, and Oil Rubbed Bronze (Special Order)



CRL Electronic Egress Control Handles

- For 1/2" or 3/4" Tempered Glass Doors
- For Interior and Exterior Applications
- Maintain Security and Aesthetics
- Available in Polished or Brushed Stainless Steel, Satin and Polished Brass, and Oil Rubbed Bronze (Special Order)
- Custom Sizes With Standard Finishes Ship Within 5 Working Days

FOR MORE INFORMATION ON OTHER CRL PRODUCTS SEE SWEET'S SECTIONS:

- | | |
|--|---|
| 05 58 00/CRL-8838
COLUMN COVERS | 08 71 00/CRL-3069
DOOR HARDWARE |
| 05 73 00/CRL-5341
STRUCTURAL HEAVY GLASS RAILING | 08 71 00.14/CRL-7154
STACKING PARTITION SYSTEMS |
| 07 42 00/CRL-8840
ROOFING AND SIDING PANELS | 10 28 19/CRL-3068
TUB & SHOWER DOOR ENCLOSURES |
| 08 42 00/CML-4545
ENTRANCES & STOREFRONTS:
Facilities & Owners | 10 71 13/CRL-8843
EXTERIOR SUN CONTROL DEVICES |
| 08 44 26.11/CRL-8621
STRUCTURAL GLASS CURTAIN WALLS | 11 18 00/CRL-6331
BULLET-RESISTANT PROTECTION |
| 08 56 59/CRL-4964
SERVICE WINDOWS | 11 46 16/CRL-75592
SNEEZE GUARDS/PARTITION POSTS |

CRL Specialty Catalogs Can be viewed online at crlaurence.com



Architectural Hardware

AH07



Frameless Shower Door Hardware and Supplies

SD08



Hospitality & Service Hardware

HS07



Architectural Railing Systems

HR09



Door Controls Hardware and Accessories

DC07



Transaction and Security Hardware

TH09



Architectural Metals

AM09



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