

ARCHITECTURAL HARDWARE GLASS ENTRANCES & STOREFRONTS

08 42 00/CRL
BuyLine 1676



CRL

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

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

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

INNOVATION



Heavy Glass Sliding Door System



Door and Sidelite Rails, Patch Fittings, and Ladder Pull Handle



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



- 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



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

Patented Wedge-Lock™ Glass Securing System

The patented Wedge-Lock™ Glass Securing System is a totally new concept for securing the glass in the Door Rail. It works by applying pressure from the bottom of the Door Rail, using two glass retaining aluminum extrusions via a flat stainless steel bar. As this bar is pulled down with socket head cap bolts, over 100 pounds per inch of pressure is applied to the glass retaining aluminum extrusions. The bottom of the extrusions are at an angle and fit into an angled groove in the Door Rail. As the glass retaining extrusions are being pulled down, the angled wedge in the Door Rail also pulls the glass retaining extrusions together. This action, along with our specially designed door retaining gasket, creates a tremendous amount of force.



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 75° F, in a "Pull to Failure Test", 6950 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.



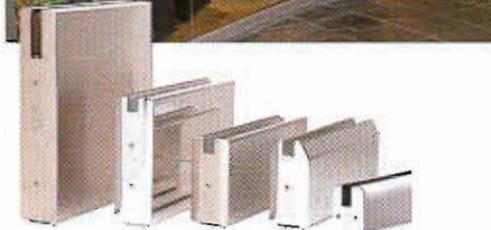
Door centering is easily achieved by turning the two hex head bolts

CRL SIDELITE RAILS, U-CHANNEL, AND ACCESSORIES



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 Gasketing 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



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



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



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



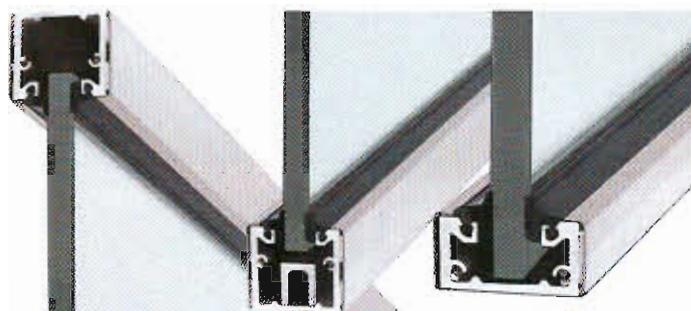
Reversible Saddle Positioned for 3/4" (19 mm) Clearance

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

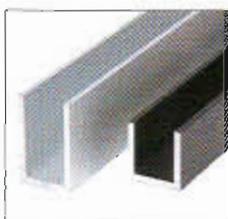
- Available in Stock Lengths, Fabricated Headers, or Headers with Side Pockets for "Lift and Drop" Panel Glazing
- Matches the Width of Door and Sidelite Rails
- Accepts Roll-In Gasket, Top Pivot Block, and Flush Snap-In Insert
- Accepts 3/8", 1/2", 5/8", and 3/4" Tempered Glass
- Custom Sizes and Finishes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

Combination Wide U-Channel and Narrow Header



Regular U-Channel with Aluminum/Neoprene Setting Block

Shallow U-Channel



Wet Glaze U-Channel Shown

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

- Accepts 3/8" or 1/2" Tempered Glass
- Both Depths Available in Five Stock Finishes

CRL Wet Glaze U-Channel

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

Wet Glaze U-Channel is an economical way to surround 3/8" to 1/2" thick glass, and most commonly used in "lift and drop" installations where silicone is the preferred method of glazing. Push-in Gasket also available.

CRL Stock Size Headers for Overhead Concealed Door Closers

- Six Stock Finishes
- Includes Snap-In Cover Plates
- 4" and 4-1/2" Widths



CRL 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



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 With or Without Overhead Door Closers
- 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

- Two Complete 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 Spider Fittings



- Spiders for Fin or Post Supported Applications
- Made of 316 Alloy Stainless Steel in Two Attractive Finishes: Brushed or Polished Stainless
- For Use With 1/2" to 13/16" Tempered Glass



CRL Pivot Door System

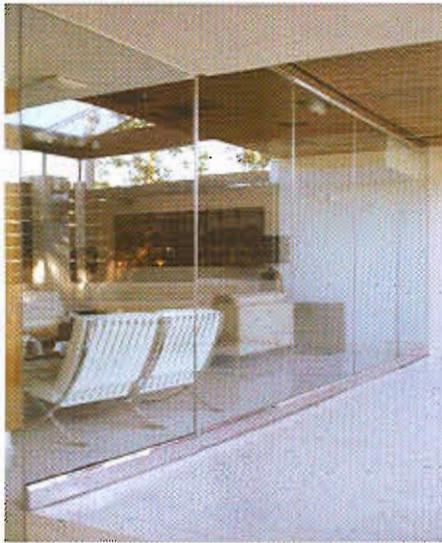
- Contemporary Look
- Mix and Match for Various Configurations
- Maximizes Glass and Minimizes Hardware
- For 3/8" or 1/2" Tempered Glass
- Free Swinging or Use With Floor Mounted Door Closer



CRL Patch Hardware System

- Provides Frameless Storefront Appearance for Unobstructed Display for Merchandise
- 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:
08 71 00, 14/CRL
BuyLine 7154

TYPICAL APPLICATIONS:

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

As part of their ever-expanding architectural hardware line, CRL is proud to introduce the CRL 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 their '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.

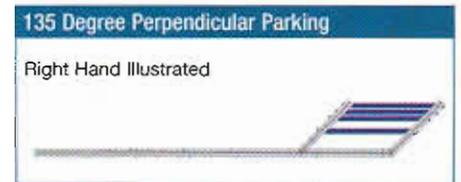
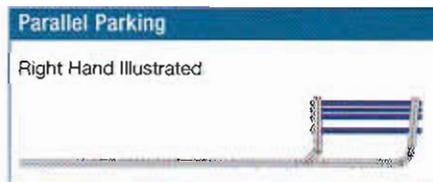
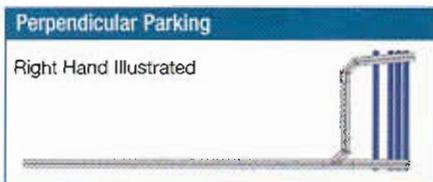
SPS utilizes CRL's patented Wedge-Lock™ Glass Securing System, found in their popular Door Rails. Available in a variety of rail configurations and finishes.

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
- Narrow Housing Width Allows for 2-7/8" Center-to-Center Door Rail Spacing in the Parking Area

Popular SPS Parking Configurations



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



CRL EXIT HANDLES AND RAILING SYSTEMS

CRL Panic Handles and Deadbolt Handles

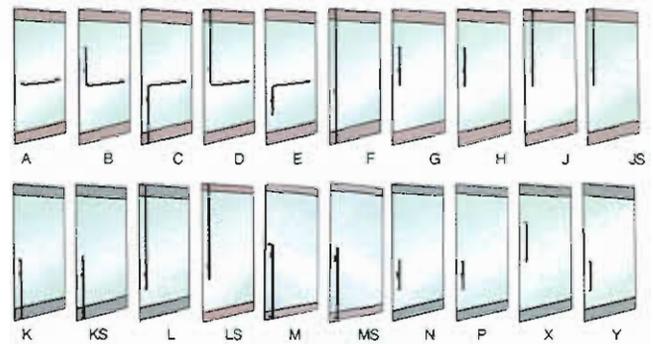
Certification: UL305, ULC/5132-93, and ANS/BHMA A156.3-2001, Grade 1 Certified.

- For 1/2" or 3/4" Tempered Glass Doors
- Can Be Used as a Replacement for Older Panics
- Available in Polished or Brushed Stainless Steel, Satin and Polished Brass, and Oil Rubbed Bronze (Special Order)
- 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



PA100A Shown

Exterior Handle Combinations for Doors with CRL Panic, Deadbolt or Electronic Egress Control Handles



Interior (Operating) Handle Options



100 Series 110 Series 130 Series 140 Series 150 Series 160 Series 170 Series



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 73 00/CRL-5341 STRUCTURAL HEAVY GLASS RAILING
- 08 42 00/CRL-4545 ENTRANCES & STOREFRONTS: Facilities & Owners
- 08 44 26.11/CRL-8621 STRUCTURAL GLASS CURTAIN WALLS
- 08 56 59/CRL-4964 SERVICE WINDOWS
- 08 71 00/CRL-3069 DOOR HARDWARE
- 08 71 00.14/CRL-7154 STACKING PARTITION SYSTEMS
- 10 28 19/CRL-3068 TUB & SHOWER DOOR ENCLOSURES
- 11 18 00/CRL-6331 BULLET-RESISTANT PROTECTION
- 11 46 16/CRL-5592 SNEEZIE GUARDS/PARTITION POSTS

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