



ARCHITECTURAL HARDWARE  
**GLASS ENTRANCES AND STOREFRONTS**

- 'ALL-GLASS' ENTRANCE AND STOREFRONT SYSTEMS
- HEAVY GLASS DOOR SYSTEMS
- STACKING PARTITION SYSTEM
- COMMERCIAL PATCH HARDWARE
- PANIC HANDLE SYSTEMS
- STRUCTURAL GLASS FITTINGS
- A FULL LINE OF COMPLEMENTARY ACCESSORY ITEMS

An ISO9001:2008 Certified Company



**C.R. LAURENCE COMPANY**

[crlaurence.com](http://crlaurence.com) | Worldwide Manufacturer and Supplier

Glazing, Architectural, Railing, Construction, Industrial, and Automotive Supplies



[usalum.com](http://usalum.com)

**United States  
ALUMINUM**



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

- 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" (10, 12, and 19 mm) Tempered Glass



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



**Low Profile Door Rails**  
Only 2-5/16" tall for 1/2" (12 mm) tempered glass. Available in six finishes.

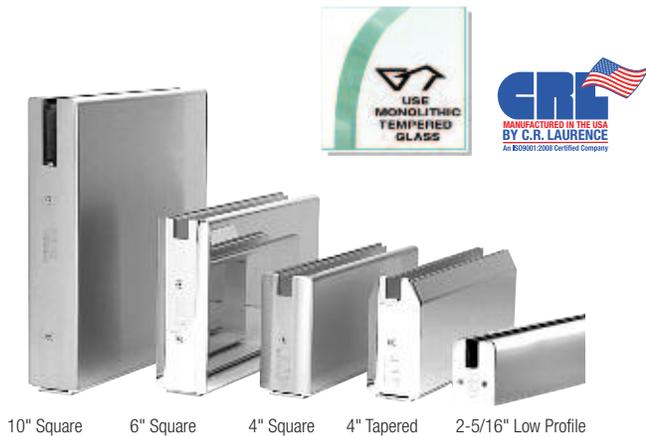
CRL's patented Wedge-Lock™ Glass Securing System is a totally original concept for securing the glass in a Door Rail. No more fumbling with multiple pieces, trying to align them properly. No more time wasted waiting for cement to dry, or in clean up.

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. CRL's 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.

## 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" (10, 12, 16, and 19 mm) Tempered Glass
- Extruded Saddle is Reversible to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Custom Heights Available on Special Order

The profiles of CRL's Sidelite Rails match perfectly with CRL Door Rails. Available in six finishes in 120" (3.05 m) lengths, and two finishes in extra long 240" (6.10 m) lengths, they match heights of both floor mounted and 1/2" (12 mm) threshold doors using our Reversible Saddle.



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



## CRL SLENDER PROFILE DOOR RAILS

- Dry Glaze Slender Profile Door Rails Are Only 1" (25 mm) Wide
- Available in Three Heights With or Without a Lock
- Brushed or Polished Stainless Steel Finishes
- Custom 1" (25 mm) Slender Profile Vertical Stiles Available on Special Order

- For 1/2" (12 mm) Tempered Glass

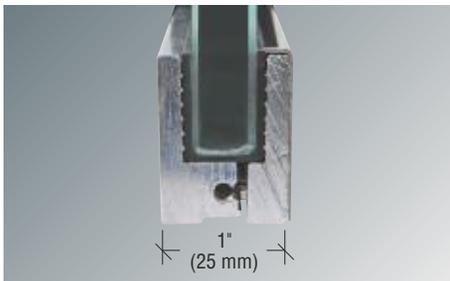
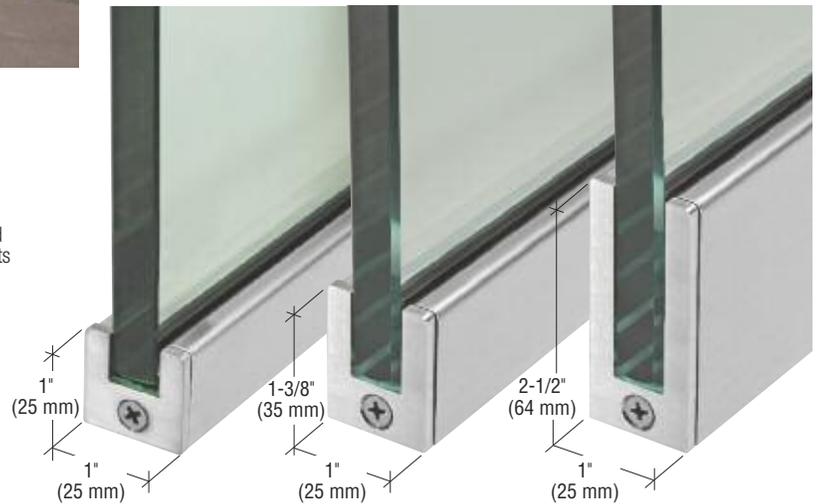
CRL Slender Profile Door Rails measure only 1" (25 mm) wide and are available in three heights: 1", 1-3/8", and 2-1/2" (25, 35, and 64 mm). They are all prepped to receive any of the three Slender Profile Rail Pivot Inserts, ordered separately, that allow you to use overhead door closers, floor mounted door closers, or pivots. All Slender Profile Rails can be fitted with our 7150 Series Cam Lock for use in display case applications. Other locking options may be available on special order.

All Slender Profile Rails are designed for field installation and are easily adjusted to compensate for unexpected installation issues. Rails feature aluminum construction, clad in alloy 304 stainless steel for a durable, lasting finish.



### ORDERING INFORMATION:

- Compatible Pivots: CRL9040WBP Top Pivot  
1NT402 Bottom Pivot
- End Caps are included with all Slender Profile Door Rails
- Door Rail length (including End Caps) must be specified when ordering Custom Length Rails
- When 7150 Series Cam Lock is required, handing of the door must be specified
- Slender Profile Rails are prepped to receive Slender Profile Door Rail Pivot Inserts
- Installation Instructions and Adjustment Wrenches are included



Slender Profile Door Rails are Only 1" (25 mm) Wide



Dry Glaze Installation of Glass Allows for Field Adjustment and Replacement



All Slender Profile Door Rails are Prepped to Receive Any of CRL's Slender Profile Door Rail Pivot Inserts



## CRL WET GLAZED FRAMELESS GLASS DOOR AND SIDELITE RAILS

- Three Popular Designs Available
- Six Architectural Finishes
- Stock and Custom Sizes Available
- Matching Sidelite Rails Available
- Complete Door Kits Available

CRL now offers an extensive line of traditional Wet Glazed Frameless Glass Door Rails for retrofit and new installations. With three popular designs that have been used in the market place for more than 30 years, we will have the right solution for your application.

CRL is now set up to produce standard and custom length door rails and patch fittings in six standard architectural finishes. Custom finishes are also available.



CR150 Series



CR350 Series



CR387 Series

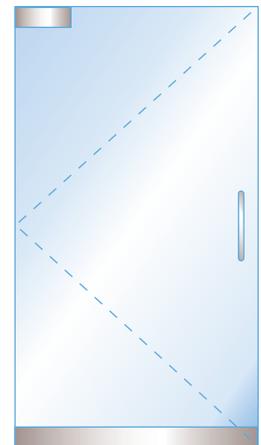


## CRL WET GLAZED FRAMELESS GLASS DOOR KITS

- Complete Kits for Single and Double Door Entrances
- Includes Door Rails, Door Closer, Pull Handle, and Header (On Some Models)
- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass



P-Style



BP-Style

## SERIES 250, 400, AND 550 ENTRANCE DOORS

- For 1/4 " or 1" (6 or 25 mm) Glazing
- Lifetime Warranty on Corner Construction
- Mechanically Fastened and Welded Corners
- Narrow, Medium, and Wide Stiles
- Adjustable Weatherstrip Astragal at Meeting Stiles
- Accommodates Most Custom Hardware
- Standard 1" (25 mm) Diameter Solid Push/Pulls



Our Entrance Doors are consistently built to the highest industry standards, ensuring years of reliable service. All doors are supplied with push/pull hardware, maximum security locks, and easily accommodate a wide variety of custom hardware for specific job requirements.

## SERIES 800 AND 850 DURA FRONT DOORS

- Series 800 Medium Stile
- Series 850 Wide Stile
- 3/16" (4.8 mm) Wall Thickness
- Lifetime Warranty on Corner Construction
- Mechanically Fastened and Welded Corners
- Heavy-Duty Hinges, Pivot Sets or Continuous Gear Hinge



Durafront Doors and Frames are fabricated from tubular aluminum extrusions with a wall thickness of 3/16" (4.8 mm). These extra strong, long-lasting entrance packages are ideal for locations subjected to extremely high traffic flow. Durafront Entrance Packages are offered for center and offset hung doors. Offset hung doors are supplied with a pair and a half of heavy-duty hinges, pivot sets, or a continuous gear hinge. A variety of custom hardware is available upon request.



## CRL-BLUMCRAFT 1301 SERIES ENTRANCE DOOR AND SIDELITES

- More Glass, Less Metal!
- Fully Glazed With 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass
- Ready to Install, No Assembly Required
- Solid Stainless Steel or Bronze Rail Construction
- Rails as Slim as 3/4" x 3/4" (19 x 19 mm)
- Complete With Egress Handle if Required

CRL Blumcraft 1301 Series Entrance Doors are the original. Often imitated but never matched, this system provides the most glass with the least metal of any entrance door system in the industry.

Made from solid stainless steel or bronze and finished in either brushed or mirror finishes, as well as oil rubbed bronze. Top Rail sizes do vary based on types of hardware used on the doors. Consult Tech Sales for more information on your particular application.

A standard 1301 Series System includes our C7500 Series Head Channel with Adjustable Top Pivot and customized Floor Closer, providing the installer with ample adjustment opportunities. Common 4", 4-1/2", and 6" (102, 114, and 152 mm) Headers are also available to meet design requirements.



## CRL-BLUMCRAFT 1200 SERIES DOORS

- Patented Wedge-Lock™ Glass Securing System
- Doors Up to 12 Feet (3.66 m) Tall
- No Top or Bottom Rails
- Fully Glazed With 1/2" (12 mm) Tempered Glass
- Available in Six Standard Architectural Finishes

CRL-Blumcraft 1200 Series Doors can be made up to 12 feet (3.6 m) tall, and have no top or bottom rails. Instead they have a vertical Pivot Tube that runs the height of the door, achieving what appears to be a truly 'all-glass' door.

1200 Series Doors are supplied fully glazed with 1/2" (12 mm) tempered glass in clear, tinted or low-iron. We have incorporated our patented Wedge-Lock™ Glass Securing System into a 5" (127 mm) diameter vertical Pivot Tube, ensuring a non-slip environment for the life of the door. The Pivot Tube is clad in one of six architectural finishes: satin anodized, black bronze anodized, black powder coat, brushed and polished stainless steel, and polished brass. Custom finishes are available on special order.

With no rails top or bottom, the entire weight of the door is transferred through the Pivot Tube to a specially engineered, heavy-duty, load-bearing cement case, independent of the floor mounted door closer. 1200 Series Doors utilize a heavy-duty walking beam pivot at the top of the Pivot Tube that can be incorporated into a variety of different headers to create a desired look. Floor mounted door closer functionality is preserved in this uniquely different entrance system.



## CRL BALANCED DOORS AND ENTRANCES

- Two Models Available; the Balancer™ and the Premium Series
- Neutralizes Wind and Stack Pressure for Easy Operation
- Requires Less Operating Space Than Conventionally Hinged Doors
- "Barrier Free Door"; Meets A.D.A. Requirements Without Power Operators
- Custom Engineered and Fabricated Systems With Over 40 Years of Proven Performance
- Manufactured to Withstand the Most Demanding Design Requirements
- Provides Strength and Durability Throughout Years of Heavy Use
- For Doors Weighing Up to 700 Pounds (318 kg)
- Two Styles Available; Concealed Vertical Tube and Exposed Vertical Tube
- Automatic Operators Available With Premium Series Only
- 10 Year Warranty



C.R. Laurence introduces the latest edition to our extensive Architectural Hardware line, CRL Balanced Doors. We now offer a complete line of Balanced Doors utilizing the high performance hardware as designed by Wikk Industries, a leading manufacturer of Balanced Doors for over 40 years.

Our new line of Balanced Doors and Entrances offers a variety of options including the Premium Series Formed Bronze and Stainless Steel Monumental Doors and Frames, the Balancer™ Series Standard Aluminum Doors and Frames, and Heavy Glass Doors that fit within everyone's budget. All are available in a wide variety of styles and finishes, as well as custom finishes to meet your every need.

Balanced Door Hardware, combined with our Tajima Door Line, allows CRL to offer you endless possibilities in design, finish, and functionality. We have applied our strict manufacturing standards, which you have come to know and trust over the years, to the Wikk Balanced Door and Hardware line to ensure the high quality, performance, and durability of the Wikk product continues. Keeping with CRL's commitment to customer service, we offer complete engineering and design services, as well as the best lead times in the industry.

The Premium Series is also available with an automatic operator. This is a Standard Balanced Door during manual operation, and automated with power only when required, accomplished using a concealed low energy Stanley Magic-Force™ Motorized Operator.



## ADVANTAGES OF THE BALANCER™ SERIES BALANCED DOORS BY CRL

- Cost Effective Alternative to Standard Entrance Doors
- Maximum Size for Balancer™ Series is 48" Wide x 108" High (1219 x 2743 mm)
- Lets Wind and Stack Pressures Work for You Instead of Against You
- Assures Easy Operation and Positive Closing, Even Under Adverse Conditions
- Designed With Dependable LCN Hydraulic Check Connected Directly to Door
- Adjustable Hydraulic Back Check for Consistently Smooth Operation
- Latching Speed, Closing Speed, Back Check, and Spring Power are All Adjustable Without Removing Hardware or Covers
- Compact Header With Integral Guide Track
- Requires Less Operating Space Than Conventionally Hinged Doors
- Hardware is Fully Capable of Supporting and Controlling Large and Monumental Doors
- Easily Installed in New or Remodeled Buildings, Exterior or Interior



## ADVANTAGES OF THE PREMIUM SERIES BALANCED DOORS BY CRL

- Hardware is Fully Capable of Supporting and Controlling Large and Monumental 2" (51 mm) Thick Doors
- Maximum Size for Premium Series is 50" Wide x 120" High (1270 x 3048 mm)
- Lets Wind and Stack Pressures Work for You Instead of Against You
- Assures Easy Operation and Positive Closing, Even Under Adverse Conditions
- Adjustable Bronze Cast Hydraulic Back Check for Consistently Smooth Operation
- Latching Speed, Closing Speed, and Spring Power are Adjustable Without Removing Hardware or Covers
- Compact Header With Integral Guide Track
- Requires Less Operating Space Than Conventionally Hinged Doors
- Easily Installed in New or Remodeled Buildings, Exterior or Interior
- Automatic Operator Available





# DELTA DOORS

## Delta Doors is Now a Part of CRL's Family

C.R. Laurence Company is pleased to announce the acquisition of Delta Doors of Miami, Florida. Originally founded in 1996 as a distribution center for doors and storefront materials, Delta Doors later shifted into manufacturing aluminum doors, windows, and framing systems. Delta Doors' 40,000 square foot manufacturing facility in Miami houses some of the latest technologies available.

Delta Doors is considered the 'major force' in doors and window wall systems, and is one of the few companies meeting all of Miami-Dade County (FL) air, water, structural, and impact requirements. Delta Doors has also received top accolades in the industry with its implementation of the industry's first Inswing Impact Resistant Entrance. Delta presently holds Notices of Acceptance for six of the impact resistant systems it manufactures.

In addition to introducing the industry's first Inswing Impact Resistant Entrance, we also manufacture Impact Resistant Outswing Medium Stile Entrances. Both are available in Large and Small Missile Impact models. We also fabricate Impact Resistant Terrace and Balcony Entrances and Storefront Framing Systems, and Non-Impact Entrances and Storefront Framing Systems. Get more information about Delta Door products at [crlaurence.com](http://crlaurence.com).



## DELTA DH-350 ALUMINUM OUTSWING AND INSWING IMPACT DOORS



- Frame Members Extruded From 6063 T6 Aluminum Alloy
- 2" (51 mm) Deep Door Stiles and Rails
- 120" (3.05 m) Maximum Frame Height
- Factory Pre-Glazed With Silicone
- 3-Point Locking System
- Double Rows of Weather Seals
- Miami-Dade County Approved
- A.D.A. Compliant Threshold

The DH-350 is a high performance Impact Resistant Storefront Entrance Door designed for all commercial entrance applications. The DH-350 meets all A.D.A. regulations and also complies with the stringent requirements of Florida's Miami-Dade County Building Codes, making it the top choice for installation in hurricane zones.

## DELTA BAL-350 SERIES IMPACT RESISTANT BALCONY/TERRACE DOORS



- Frame Members Extruded From 6063 T6 Aluminum Alloy
- "Secure Bolt" Corner Construction
- 2" (51 mm) Deep Door Stiles and Rails
- 120" (3.05 m) Maximum Frame Height
- Factory Pre-Glazed With Silicone
- 4-Point Locking System
- Double Rows of Weather Seals
- Miami-Dade County Approved

The BAL-350 Impact Resistant Balcony / Terrace Door is elegantly designed for high rise applications such as hotels, condominiums, and office buildings. Tested for both small and large missile impact resistance, as well as its high performance for water resistance, the BAL-350 meets and exceeds all commercial and high rise condominium developer requirements with the highest level of quality.

## DELTA DHS-500 SERIES IMPACT RESISTANT STOREFRONT SYSTEM

- Frame Members Extruded From 6063-T6 Aluminum Alloy
- Standard Laminated Glass or Optional Insulating Glass Factory Pre-Glazed With Silicone
- Tint Glass Available as Selected by Architect
- Maximum Frame Height 120" (3.05 m)
- Frame Depth 1-3/4" x 5" (44 x 127 mm)
- Miami-Dade County Approved
- Optional SGP Laminated Insulating or Laminated Impact Glass Available



The DHS-500 is a 5" (127 mm) deep Impact Resistant Storefront Window Wall System designed for all commercial applications including retail space, hotels, condominiums, office buildings, institutional facilities, and industrial structures. The DHS-500 is engineered to deliver superior quality, strength, and durability while maintaining a truly elegant appearance.



## CRL PLATINUM SERIES FULL FRAMED ARCHITECTURAL DOORS

- Designed, Engineered, and Manufactured by CRL
- Supplied With 1/4" to 1" (6 to 25 mm) Monolithic, Laminated or Insulating Glass
- Narrow, Medium, and Wide Stiles to Choose From
- No Exposed Glass Stops
- Clad Aluminum Construction
- Seven Standard Architectural Finishes

CRL now manufactures a full line of Architectural Full Framed Doors for interior and exterior applications. These innovative door systems are available in seven standard architectural finishes, with custom finishes available on special order. CRL's Platinum Series Full Framed Doors are made to order and can be designed for almost any application. With the ability to prep and install almost any architectural hardware configuration, we are confident we can meet your design requirements. We offer a wide selection of top and bottom rail sizes. Mid-rails or applied mullions can be incorporated.



Narrow Stile Door



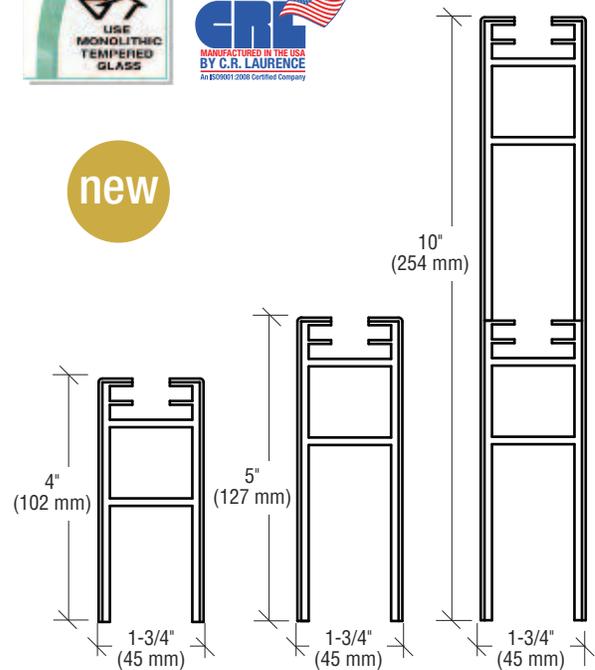
Medium Stile Door



Wide Stile Door



new



Top and Bottom Rail Options

With all of our Platinum Series Full Frame Doors you have three standard rail options for the top and bottom rails: 4", 5", and 10" (102, 127, and 254 mm). We can also provide custom height rails to meet your needs. Contact Technical Sales as some limitations do exist.



## CRL STACKING GLASS DOOR SYSTEMS

ELEGANTLY PARTITION A LARGE SPACE WITH CRL'S VERSATILE STACKING PARTITION SYSTEM, NOW AVAILABLE WITH CONVERTIBLE DOORS

- For Glass, Wood or Aluminum Doors
- A Large Variety of Parking Configurations to Accommodate Almost Any Installation
- Easily Convert From Pivoting to Sliding Doors

When it came time to develop a convertible SPS system, CRL Engineers looked at the competition and knew there had to be a better way!

The popular CRL Stacking Partition System (SPS) featuring Intelli-Track™ has been improved to include Convertible Sliding/Pivoting Doors. Now you can have what appears to be a standard 'all-glass' entry with pivoting doors that can be quickly and easily converted to sliding, stacking panels that park out of the way leaving you with a wide open entrance.

The SPS System has been designed to provide virtually unlimited possibilities in the design of movable glass dividing walls. It offers standard pivoting doors with full sliding and stacking capabilities allowing you to control accessibility while being able to easily open up any space when needed.

CRL's unique bottom rails with fully concealed closers inside eliminate unsightly floor closers, while keeping all of the features and benefits of a floor closer. No obtrusive headers found here, just a simple gearbox at the head, which allows you to convert from pivoting to sliding doors and back again with the turn of a single screw.

They're ideal for storefronts and malls, allowing full visibility of merchandise combined with the flexibility to be conveniently stored out of the way, quickly and easily. Restaurants, sidewalk cafes, and nightclubs can easily expand their indoor/outdoor seating space.

SPS utilizes CRL's patented Wedge-Lock™ Glass Securing System found in our popular Door Rails. A variety of rail configurations, functionalities, and finishes are available.



SPS System With Convertible Doors in the Closed Position



SPS System With Panels Operating as Swinging Doors



SPS System With Panels Operating as Sliding, Stacking Doors

**CRL LIGHT DUTY STACKING PARTITION SYSTEM**

- Full Rails or Patch Fittings
- Convertible Door Option Available
- Directional Rollers Guide Glass Panels Effortlessly Every Time
- Panels Simply Stack Away, Creating Large Openings or Clear Space
- Top Track, Corners, and Diverters Available in Mill Aluminum or White Powder Coat
- Door Rails and Patches Available in Brushed or Polished Stainless Steel
- For Use With 1/2" (12 mm) Tempered Glass

CRL introduces our new Light Duty Stacking Partition System to complement our original award winning SPS System, and to offer our customers a more economical option to their stacking partition needs.

The Light Duty Stacking Partition System is available with top and bottom rails or patch fittings in brushed or polished stainless steel. There is also a convertible door option. This system is designed for use with 1/2" (12 mm) fully tempered monolithic glass. The Top Track furnished with every system is available in mill aluminum or white powder coat. The design configurations are numerous and can fulfill most any design requirement. We have a variety of rail configurations available in custom lengths to fit your opening.



**NOTE:** System panels must not exceed any of the following measurements:

<b>Sliding Panels – Full Rails:</b>	<b>Maximum Panel Height:</b> 120" (3.05 m) <b>Maximum Panel Width:</b> 42" (1.06 m)	<b>Maximum Panel Weight:</b> 265" (120 kg)
<b>Sliding Panels – Patch Fittings:</b>	<b>Maximum Panel Height:</b> 120" (3.05 m) <b>Maximum Panel Width:</b> 39-3/8" (1 m)	<b>Maximum Panel Weight:</b> 220 pounds (100 kg)
<b>Pivoting Panels:</b>	<b>Maximum Panel Height:</b> 120" (3.05 m) <b>Maximum Panel Width:</b> 39-3/8" (1 m)	<b>Maximum Panel Weight:</b> 220 pounds (100 kg)
<b>Convertible Panels:</b>	<b>Maximum Panel Height:</b> 108" (2.74 m) <b>Maximum Panel Width:</b> 39-3/8" (1 m)	<b>Maximum Panel Weight:</b> 220 pounds (100 kg)

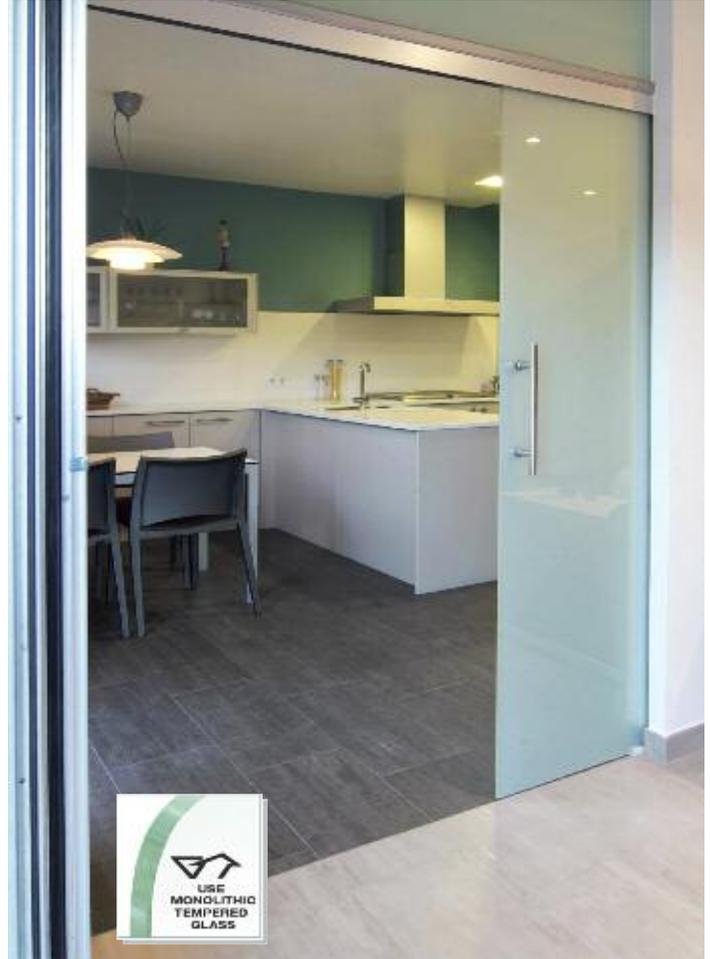




## CRL HEAVY GLASS SLIDING DOOR SYSTEMS

- Systems for Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Top Hung or Bottom Rolling Configurations for Commercial and Residential Use
- Sliding and Bi-Fold Doors From Off the Shelf Components or Custom Built to Fit the Opening
- Up to Seven Stock Architectural Finishes or in Custom Finishes as Required

CRL Heavy Glass Sliding Door Systems give you design flexibility when building room partitions or mall fronts. Sliding doors are not only attractive, they save valuable floor space in a retail environment where you must maximize the available display area. In the following pages you will see many of the CRL Door Systems that can help you construct doors that function well and allow you to maximize the advantages 'all-glass' doors offer.



## CRL280 SERIES TOP HUNG SLIDING DOOR SYSTEM

- Designed for Use With 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass
- Rated for Doors Weighing Up to 176 Pounds (80 kg)
- No Notches or Holes Required in the Glass for Installation

The new CRL280 Series Top Hung Sliding Door System is truly the most versatile system of its kind. There are six different kits to choose from, offering configurations with or without fixed panels. Kits are available in a satin anodized finish, with a special order option to clad or powder paint in any architectural finish desired.

The CRL280 System has no bottom track, so a tripping hazard is eliminated, and the smooth sliding action allows for finger touch control. The Upper Clamp and Roller Assemblies have a fine tune adjustment feature allowing for openings and floors that are not true and level. Each Kit comes with concealed stops in the Top Track to hold the door open or closed.



new

## CRL50 SERIES TOP HUNG SLIDING DOOR SYSTEM

- Models for Single Doors, Synchronized Doors, and Telescoping Doors
- For Use With 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- No Notches or Holes Required in the Glass
- Mounts to Wall or Ceiling
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg)

The new CRL50 Series Top Hung Sliding Door Systems feature a sleek European design that offers options for wall or ceiling mount for sliding glass doors with or without fixed panels. These top hung systems require no bottom track, and the smooth sliding action allows for finger touch control.

The Upper Clamp and Roller Assemblies offer 1/4" (6 mm) of height adjustment during installation to allow for openings and floors that are not true and level. Kits come with concealed Roller Stops in the Top Track to hold the door in the open or closed position, a small Bottom Guide, and are available in a satin anodized finish. Optional finishes of white paint or brite anodized are available.

CRL50 Systems are also available with optional 'synchronization' of bi-parting doors where the operation of one panel moves the others. A 'telescoping' option is also available where the panels slide in the same direction and stack away together. You can also enjoy the best of both with our combination 'synchronized' and 'telescoping' options all in one.

Kits contain all necessary hardware to complete the installation. Contact Technical Sales for Commercial Products for assistance with proper kit selection or installation instruction assistance.

**NOTE:** Laminated glass should not be used with the CRL50 System.



new

## CRL70 SERIES TOP HUNG SLIDING DOOR SYSTEMS

- For Use With 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass or Wood Doors
- No Notches or Holes Required in the Glass
- Mounts to Wall or Ceiling
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg)

CRL70 Series Top Hung Sliding Door Systems feature a sleek European design that offers options for wall or ceiling mount for sliding glass or wood doors with or without fixed panels. These top hung systems require no bottom track, and the smooth sliding action allows for finger touch control. The Upper Clamp and Roller Assemblies offer 1/4" (6 mm) of height adjustment during installation to allow for openings and floors that are not true and level. Kits come with concealed Roller Stops in the Top Track to hold the door in the open or closed position, a Floor Guide, and a Track Cover in satin anodized finish, with an option for powder paint or cladding in any architectural finish desired.

Contact Technical Sales for Commercial Products for assistance with proper kit selection or installation instruction assistance.

**NOTE:** Laminated glass should not be used with the CRL70 System.





## CRL EZ-SLIDE 80 AND 180 TOP HUNG SINGLE TRACK SLIDING DOOR KITS

- 5/16", 3/8", or 1/2" (8, 10, 12 mm) Tempered Glass
- Rated for Panels Weighing Up to 176 Pounds (80 kg) [CRL80] 396 Pounds (180 kg) [CRL180]
- No Notches or Holes Needed in the Glass for Installation

CRL EZ-Slide Top Hung Single Track Sliding Door Kits are an easy to install, cost effective solution to adding 'all-glass' sliding doors in commercial or residential applications.

The only glass fabrication required is to polish the edges. If handles or knobs are desired, holes will be required for their mounting. Optional break metal covers are available on special order to help conceal the operating hardware.



new

## CRL GSDH SERIES BOTTOM ROLLING DOOR SYSTEM

- Bottom Rolling Design for Use With 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass
- Top Guide Track Mounts to Wall
- Can Accommodate Doors Weighing Up to 286 Pounds (130 kg)
- Brushed or Polished Stainless Steel Finishes

The GSDH Series Bottom Rolling Door System features a unique design that gives the door the appearance that it is gliding on air. The Top Guide Track mounts to the wall and provides for secure and smooth operation of the rolling panel.

The GSDH Bottom Rolling System is a great alternative when the building structure cannot carry the load of a top hung system. Each Kit comes with concealed stops in the Top Track to control the length of travel of the door in the open or closed position. Everything is properly balanced to offer a smooth rolling action with finger touch control.

Kits are available in brushed or polished stainless steel finishes, and are intended for use with 5/16", 3/8" or 1/2" (8, 10 or 12 mm) tempered glass.

Individual components can also be ordered to customize the opening.





### CRL SDR AND SSR BOTTOM ROLLING SLIDING DOOR SYSTEMS

- Variety of Styles and Finishes Available
- For Use with 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Each Unit Custom Built to Fit the Opening
- Doors Can Be Aligned Without Removal



### CRL OVERHEAD TRACK SLIDING AND BI-FOLD DOORS

- Silent Moving 4-Roller Carriage Assemblies
- Custom Built in Six Standard Sliding Configurations and Eight Standard Bi-Fold Configurations
- Available in Five Architectural Finishes
- For Use with 3/8" or 1/2" (10 or 12 mm) Tempered Glass



### CRL LAGUNA SERIES SLIDING DOOR HARDWARE

- Brushed Stainless Steel Finish
- For Use with 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Simple to Install, Doors Can Be Aligned Without Removal
- New Anti-Lift Safety Feature

CRL Bottom Rolling Sliding Door Systems use the same technology found in CRL's Wedge-Lock™ Door Rails, to secure heavy panels of 3/8" or 1/2" (10 or 12 mm) tempered glass to create almost 'frameless' glass doors between interior areas. Several configurations are available in any of the seven architectural finishes used for CRL's Door and Sidelite Rails in both Tapered and Square profiles. Once installed you can adjust or align the doors without removal. Maximum door width is 48" (1219 mm), maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg).



The CRL Overhead Track Sliding and Bi-Fold Door Systems are designed to work in a variety of different applications. Their universal track and roller design allows them to be used as Sliding, Half Panel Bi-Fold or Full Panel Bi-Fold configurations. Top Roller Carriage Assemblies adjust easily for both height and alignment. This compact design allows for the top track and the door rail widths to match, providing an even sight line. A pile weatherstrip fills the gap between the top track and door rail. An optional recessed OTBR Series Guide Channel is included with each system for increased performance and added security. Each unit is custom built to your specifications for opening size, glass thickness, and locking hardware.

The CRL Laguna Series Sliding Glass Door System brings a contemporary new look to the office or the home. It can be installed on glass partitions or directly to the side of a sufficiently reinforced wall.

The adjustable Top Rollers make final adjustments quick and easy, without the need to remove the door. Their smooth operation and solid stainless steel construction minimizes maintenance issues.



New Anti-Lift Top Roller



### CRL LAGUNA SERIES PIVOT DOOR SYSTEM

- All 316 Alloy Brushed Stainless Steel Construction
- Ideal for Interior Room Applications
- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Comes With All Fasteners Needed for Either Flush Mount (Countersunk) or Surface Mount (Straight Hole) Glass Fabrication

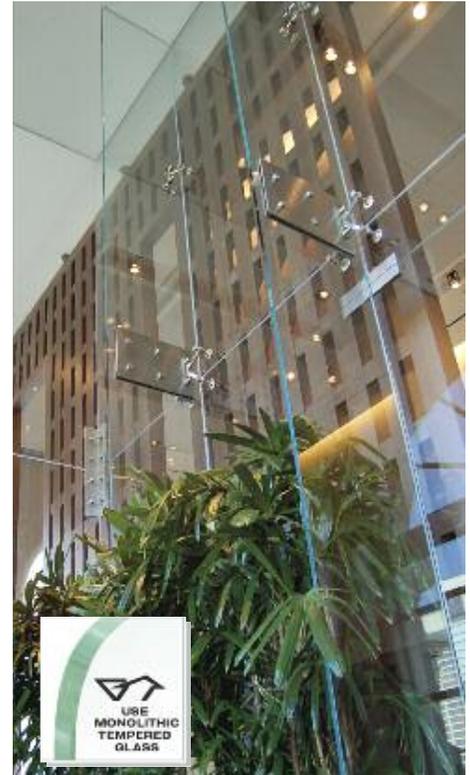
Our Laguna Series Hardware brings a contemporary look to interior home or office partitions. Made of high-grade 316 alloy stainless steel, it will give years of reliable function and modern beauty to your projects. The CRL Laguna Pivot Door System can be used with free-swinging doors, or doors controlled by floor mounted door closers. The hardware can be ordered in sets or by individual components. Available accessories give you the opportunity to customize.



### CRL BERETTA SERIES PATCH FITTING SYSTEM

- New Contemporary Style
- Minimal Glass Fabrication Required
- Great for Interior Offices, Conference Rooms, or Display Cases
- Available in Polished Chrome and Brushed Nickel Finishes
- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass

The Beretta Series is the latest addition to our comprehensive Patch Fitting Program, and it gives the typical 'all-glass' door a totally new look! Beretta's cylindrical design offers a unique and fresh look for interior office or conference room doors. The compact closing mechanism reduces the impact a typical closer has on an opening, and with the availability of free-swinging top and bottom pivots the doors look like they are floating in air.



### CRL SPIDER FITTING SYSTEMS

- Heavy-Duty Spiders, Regular Duty Spiders, and Mini Spiders Available
- Designed for the 'All-Glass' Look
- Made of 316 Alloy Stainless Steel
- For Mounting to Posts, Walls, and Column Fins
- Use Mini Spiders for Hand Rails, Guard Rails, and Awnings
- Available for 3/8" to 1-1/16" (10 to 27 mm) Tempered Glass

All Glass Façades can be accomplished by using our stock Spider Fittings. The Spiders can be attached to vertical columns, vertical "I" beams, or vertical glass fins, giving the façade a look of glass sheets floating in space with no vertical or horizontal metal. The Spider Fittings themselves are beautifully finished in brushed or polished stainless steel that has been structurally tested to carry the panel weight and handle the wind load of the region.



## CRL PATCH HARDWARE SYSTEMS

- Provides Frameless Storefront Appearance for Unobstructed Display of Merchandise
- A Complete Selection of Products: Including Patch Fittings, Inserts and Pivots, Lever Lock and Latches, Floor Closers, Door Handles, and Many More Accessories

A storefront system using Patch Hardware has minimal distractions, and creates an almost frameless appearance. C.R. Laurence offers a variety of Patch Hardware to make this state of the art glazing system available to the storefront industry.





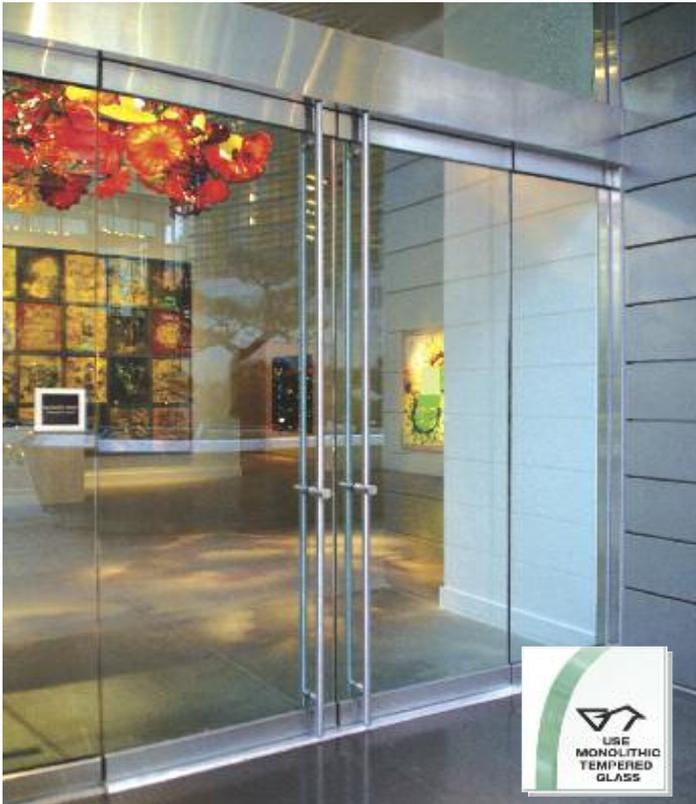
## CRL PANIC, ELECTRONIC EGRESS, AND DEADBOLT HANDLES

- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Can Be Used as a Replacement for Older Handles
- 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-Blumcraft manufactures a complete line of Access Control Handles for your 'all-glass' door needs. We have Panic Devices, Deadbolt Handles, and Electronic Egress Control Handles in a wide variety of configurations. We can also supply you with Dummy Handles to match these devices, allowing you to maintain the same appearance throughout the project, but without the added costs. Visit [crlaurence.com](http://crlaurence.com) for more information.





## CRL LOCKING LADDER PULLS

- Locks Operate at a Comfortable Height Above the Floor
- No Kneeling or Bending to Lock or Unlock Doors
- Seven Styles in Stock; Custom Sizes Available on Special Order
- Made of Durable Alloy 316 Stainless Steel Tubing
- Single and Double Locking Options Available
- 1-1/4" (32 mm) Long Deadbolt - All Units

The newest and most practical option for 'all-glass' entrances is CRL's new Locking Ladder Pulls. No more kneeling down to unlock the entry doors in the morning, or having to bend over after a long day at work to reach for the lock at the bottom edge of the door. Simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. CRL Locking Ladder Pulls have a fully concealed deadbolt locking mechanism with models available that lock into the floor, both floor and head locking, and Horizontal Pulls that lock into a jamb or sidelite. 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.



## COMPLETE LINE OF HEAVY GLASS DOOR PULLS AND CENTER LOCK HOUSINGS

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





## CRL STRAIGHT STYLE LADDER PULLS

- Eleven Sizes in Two Popular Finishes for 3/8" to 3/4" (10 to 19 mm) Glass or 1-3/4" (44 mm) Aluminum Doors
- Extra Height for Eye-Catching Contemporary and Elegant Appearance
- 1-1/4" (32 mm) Diameter Heavy Wall 304 Alloy Stainless Steel Tubing
- Custom Finishes and Sizes Available



## CRL "S" STYLE LADDER PULLS

- Three Sizes in Two Popular Finishes for 3/8" to 3/4" (10 to 19 mm) Glass
- Designer Left and Right Hand Models Available
- 1-1/4" (32 mm) Diameter Heavy Wall 304 Alloy Stainless Steel Tubing
- Custom Finishes and Sizes Available

CRL Ladder Style Pull Handles add elegance and eye-catching appeal to commercial glass doors. They are designed for back-to-back mounting with supplied through-bolts. Ladder Style Pulls are intended for use with full size glass doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. Fasteners are included for mounting back-to-back on 1-3/4" (44 mm) thick aluminum doors as well. Stock sizes range from 24" to 84" (610 to 2134 mm) overall height. Standard finishes are polished stainless and brushed stainless. Custom sizes and finishes are available to meet architectural specifications.



CRL "S" Style Ladder Style Pull Handles are for back-to-back mounting with supplied through-bolts. "S" Style Ladder Style Pulls are intended for use with full size glass doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. Stock sizes range from 24" to 48" (610 to 1219 mm) overall height. Standard finishes are polished stainless and brushed stainless. The Pulls are handed left and right to ensure the exposed set-screws are always on the interior side of the door. Handing is determined from the exterior side looking in. Custom sizes and finishes are available to meet architectural specifications. For additional information or to begin the custom design process, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.





### CRL MASTER AND SPECIALTY CATALOGS

- 03 SEALANTS, ADHESIVES, AND FASTENERS
- 23 FRAMELESS SHOWER DOOR HARDWARE
- 43 AUTO GLASS TOOLS AND WINDOWS
- 53 GLASS AND GLAZING HARDWARE
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
- 73 TOOLS, MACHINERY, AND EQUIPMENT
- 83 WINDOW AND DOOR REPLACEMENT HARDWARE



**AH11**  
ARCHITECTURAL  
HARDWARE



**HR11**  
ARCHITECTURAL  
RAILING SYSTEMS



**LP11**  
COMMERCIAL  
DOOR HANDLES



**AM09**  
ARCHITECTURAL  
METALS



**HS12**  
HOSPITALITY  
AND SERVICE  
HARDWARE



**DC07**  
COMMERCIAL  
DOOR CONTROLS



**TH10**  
TRANSACTION  
AND SECURITY  
HARDWARE



**SD12**  
FRAMELESS SHOWER  
DOOR HARDWARE  
AND SUPPLIES



**TAJ11**  
TAJIMA  
ARCHITECTURAL  
METALS



**HW2010**  
TUBULAR  
ARCHITECTURAL  
HARDWARE



**B2010**  
TEMPERED GLASS  
DOORS, PANIC,  
DEADBOLT AND  
DUMMY HANDLES



**M2010**  
RAILINGS,  
SMOKE BAFFLES,  
GLASS GATES



**D2010**  
DISPLAY CASE  
DOOR SERIES 1301



**GB10**  
GLASS BONDING  
SYSTEM



**KCS11**  
KEY CONTROL  
SPECIALISTS



**JK11**  
JACKSON  
DOOR CONTROLS

## Welcome to the C.R. Laurence Global Web Site



### ONLINE FEATURES INCLUDE:

- Access to All CRL Products Through CRL's Easy-to-Use A to Z Product Index
- Fast and Secure Log On Process
- Ask Technical and Product Questions Online
- Find Products and Pricing Online Instantly
- View All Current Catalogs Online
- Technical Articles and Product Support
- Ordering and Shipping Information
- Beautiful Installation Photos With CRL Products
- CRL Locations With Addresses, Directions, Phone and Fax Numbers
- Direct E-Mail Connections to CRL Departments
- Account Policies and Credit Terms
- A Calendar of Industry Trade Shows

## CRL C.R. LAURENCE COMPANY

 **C.R. Laurence Co., Inc.**  
Corporate Headquarters  
CRL UNITED STATES | [crlaurence.com](http://crlaurence.com)  
2503 E. Vernon Ave., Los Angeles, California 90058-1897  
Toll Free Phone: (800) 421-6144 • Toll Free Fax: (800) 262-3299  
International Phone: (323) 588-1281 • International Fax: (323) 581-6522

 **C.R. Laurence of Canada**  
Canadian Headquarters  
CRL CANADA | [crlaurence.ca](http://crlaurence.ca)  
65 Tigi Court, Concord, Ontario L4K 5E4  
Toll Free Phone: (800) 421-6144 • Toll Free Fax: (800) 262-3299  
International Phone: (905) 303-7966 • International Fax: (905) 303-7965

 **C.R. Laurence of Europe Ltd.**  
European Headquarters  
CRL UK | [crlaurence.co.uk](http://crlaurence.co.uk)  
Charles Babbage Ave., Kingsway Business Park, Rochdale, OL16 4NW England  
Freephone: 00 800 0421 6144 • Freefax: 00 800 0262 3299  
International Phone: +44 (0) 1706 863 600 • International Fax: +44 (0) 1706 869 860

 **C.R. Laurence of Europe GMBH**  
Stuttgart Area, GERMANY  
CRL GMBH | [crlaurence.de](http://crlaurence.de) | [crlaurence.eu](http://crlaurence.eu)  
Boschstrasse 7, D-74360, Ilsfeld, Germany  
Freephone: 00 800 0421 6144 • Freefax: 00 800 0262 3299  
International Phone: +49 (0)7062 915 93 15 • International Fax: +49 (0)7062 915 93 16

 **C.R. Laurence Australia Pty Ltd**  
Australian Headquarters  
CRL Australia | [crlaurence.com.au](http://crlaurence.com.au)  
9 Shale Place, Eastern Creek, NSW 2766  
Toll Free Phone: 1800 424 275 • Toll Free Fax: 1800 813 013  
International Phone: +61 (2) 9851-3444 • International Fax: +61 (2) 9851-3445

