

ULTIMATE OPTIQUE GLASS »»

Cardinal is pleased to offer this industry-exclusive product combining cast and clear glass in the same panel. See page 14 for more details.





CARDINAL SHOWER ENCLOSURES

Cardinal Shower Enclosures is a full service domestic manufacturer of shower enclosures, offering a wide selection of models, finishes and glass options, from cast to patterned glass. Our enclosures are engineered to the highest possible standards for maximum reliability and carry a lifetime guarantee against defects in craftsmanship and materials on extruded aluminum parts. With our network of trucks and locations across the U.S. we can reach 80% of the population with twice-a-week deliveries.

From our in-house 80,000 square foot tempering facility, we can be your single source for enclosures and Venetian Cast Glass. While the industry standard is a 20% reject rate for tempered panels, we're running at a less than 2% reject rate, virtually eliminating the need for return trips to the job. Our large 280,000 square foot manufacturing facility means we can provide hundreds of enclosures at a time for your large projects. We also produce all of our stunning cast glass in-house, ensuring the best quality for your enclosures and architectural glass applications.

WE DESIGN IT
WE FABRICATE IT
WE CAST IT
WE TEMPER IT
WE PROTECT IT
WE DELIVER IT
ON OUR TRUCKS
BY OUR PEOPLE

FROM DESIGN
TO DELIVERY
WE DO IT ALL IN-HOUSE



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SPECIFICATIONS

Cardinal Shower Enclosures, manufactured by Hoskin & Muir, Inc., are fabricated with extruded 5000 and 6000 series billet. All exposed surfaces are polished before anodizing in the Cardinal line.

Full architectural specifications and BIM objects are available on our web site and ARCAT.com.

WARRANTY

Cardinal Shower Enclosures warrants to the original owner/end user, the aluminum extrusions and hardware for your tub or shower enclosure to be free from defects in materials and workmanship. View a full copy of the warranty at www.cardinalshower.com



A modern interpretation of old world seeded glass

HMI Cardinal is proud to introduce a contemporary adaptation of a classic, combining the best of the look of seeded glass and antique glass. Soft undulating optical distortions and tiny pinpoints of light and shadow are reminiscent of traditional seeded glass. Unlike traditional seeded glass, this glass is suitable for modern hospitality applications.

Glass Features

- TEMPERED
- Available in sizes up to 94" x 56"
- 3/16" through 1/2" thick
- Eight glass colors available
- Two texture levels to suit your project

CARDINAL BUILDER SERIES

SLIDING DOOR ENCLOSURES

The Cardinal Builder Series is our most economic semi-frameless line. Sold in stock sizes designed to fit the majority of standard tubs and shower surrounds.

QUICK FACTS

HEIGHTS	Stock sizes up to 70 3/8" tall (Available in stock sizes only)
FINISHES	Brushed Nickel, Chrome, Gold & Oil Rubbed Bronze
GLASS	3/16" Clear, Obscure or Rain
HARDWARE	Compression-fit double towel bar & pull
CONFIGURATIONS	Semi-frameless enclosure with two sliding doors



Cardinal Towel Bar & Pull



Cardinal Builder / Chrome / Clear Glass

CRAFTSMAN BUILDER SERIES

SLIDING DOOR ENCLOSURES

The Craftsman Builder Series is our most economic framed sliding door enclosure, built like a tank for years of service. Stock sizes available for most openings.

QUICK FACTS

HEIGHTS	Stock sizes up to 69 3/4" tall (Available in stock sizes only)
FINISHES	Chrome
GLASS	5/32" Clear, Obscure or Rain
HARDWARE	Single towel bar on each door
CONFIGURATIONS	Framed enclosure with two sliding doors



Craftsman Builder Single Towel Bar



Craftsman Builder / Chrome / Rain

CRAFTSMAN SERIES

SWING DOOR ENCLOSURES

The Craftsman Series framed swing door enclosures are available in nearly any configuration. Ideal for a heavy use area that needs extra durability.

QUICK FACTS

HEIGHTS	Stock and custom sizes up to 90" tall
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin (Over 60 custom powder coat colors)
GLASS	Stock glass: 5/32" Clear, Obscure or Rain Over twenty 3/16" or 1/4" patterned/colored glass options
HARDWARE	Craftsman header and pull
CONFIGURATIONS	Framed swing door enclosure with multiple panel options

The Craftsman Series swing door enclosures are available with two pull options



Standard



Slimline



Craftsman / Chrome / Rain

CRAFTSMAN SERIES

SLIDING DOOR ENCLOSURES

The Craftsman Series framed sliding door enclosures are available with multiple panel options, and are great for high use areas.

QUICK FACTS

HEIGHTS	Stock and custom sizes up to 90" tall
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin (Over 60 custom powder coat colors)
GLASS	Stock glass: 5/32" Clear, Obscure or Rain Over twenty 3/16" or 1/4" patterned/colored glass options
HARDWARE	Craftsman header and single towel bars
CONFIGURATIONS	Framed sliding door enclosure with multiple panel options



Craftsman Towel Bars



Craftsman / Chrome / Rain

CARDINAL SERIES

SLIDING DOOR ENCLOSURES

The Cardinal Series enclosure is an extremely popular enclosure available in a full range of finish and glass options.

QUICK FACTS

HEIGHTS	Stock and custom sizes up to 76 3/8" tall
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin, White (Over 60 custom powder coat colors)
GLASS	Stock glass: 3/16" Clear, Obscure or Rain Over twenty 3/16" or 1/4" patterned/colored glass options
HARDWARE	Cardinal series header and compression-fit double or single towel bars
CONFIGURATIONS	Semi-frameless enclosure with multiple panel options



Cardinal Header

Double Towel Bar & Pull



Cardinal / Brushed Nickel / Clear

CHROME UNITS CAN ALMOST VANISH



Light Euro Header

LIGHT EURO OPTION >>>

The Cardinal Series is available with a Euro-style header (upgrade) and/or a Euro-style single towel bar (free upgrade). This is a way to achieve the Euro-style look at an economical price.



Cardinal / Satin / Clear with Euro-style header / towel bar

CARDINAL SERIES

SWING DOOR ENCLOSURES

The Cardinal Series is our most popular swing door enclosure, which is available in a nearly unlimited set of options, configurations, finish and glass options.

QUICK FACTS

HEIGHTS	Stock and custom sizes up to 90" tall. Single door without a header available up to 87 5/8" tall.
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin, White (Over 60 custom powder coat colors)
GLASS	Stock glass: 3/16" Clear, Obscure or Rain Over twenty 3/16" or 1/4" patterned/colored glass options
HARDWARE	Continuous hinge door and compression fit pull. Through-the-glass pulls and cast glass pulls are optional.
CONFIGURATIONS	Semi-frameless swing door with multiple panel options



Cardinal / Satin / Clear with C-Pull upgrade



Cardinal / Oil Rubbed Bronze / Clear with C-Pull upgrade



Cardinal / Oil Rubbed Bronze / Glacier



Cardinal / Gold / Clear



Cardinal / Chrome / Clear with C-Pull & Notched Panel

UPTOWN SERIES

SWING DOOR ENCLOSURES

With the Uptown Series, we've eliminated the metal jamb between the door and panel, giving a more open feeling shower.

QUICK FACTS

HEIGHTS	Stock and custom sizes up to 80" tall
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin, White (Over 60 custom powder coat colors)
GLASS	Stock glass: 1/4" Clear door and panel Over twenty 1/4" patterned/colored glass options
HARDWARE	Continuous hinge door, inline panel, and choice of four stock styles of through-the-glass back to back pulls
CONFIGURATIONS	Semi-frameless swing door and panel



Uptown in Oil Rubbed Bronze

UPTOWN PULLS

We offer four stock pulls with the Uptown and Uptown Grand doors:



C-Pull

Square

Crescent

Ladder

UPTOWN GRAND SERIES

SWING DOOR ENCLOSURES

With the Uptown Grand we've eliminated the header altogether and upgraded to a 3/8" glass panel, giving an upscale looking shower at a very reasonable price.

QUICK FACTS

HEIGHTS	Stock and custom sizes up to 80" tall
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin, White (Over 60 custom powder coat colors)
GLASS	Stock glass: 1/4" Clear door 3/8" Clear panel. Dozens of other patterned/colored glass options and combinations available.
HARDWARE	Continuous hinge door, inline panel, and choice of four stock styles of through-the-glass back to back pulls
CONFIGURATIONS	Semi-frameless swing door and panel



Uptown Grand in Chrome / Ladder Pull

EURO SERIES

SLIDING DOOR ENCLOSURES

Our Euro Series is a clean, modern look to fit nearly any bathroom. The Euro Series is available in several variations, including the Platinum versions with ultra-smooth rollers and headers. These units are available in our full range of finishes and glass options.

QUICK FACTS	
HEIGHTS	Stock sizes up to 75 3/8" tall with larger sizes available on request
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin, White (Over 60 custom powder coat colors)
GLASS	Euro Series stock glass: 1/4" Clear or 3/16" Rain Heavy Euro Series stock glass: 3/8" Clear Platinum Riviera Euro Series stock glass: 5/16" Clear Dozens of other patterned/colored/cast glass options
HARDWARE	Euro style header with through-the-glass towel bar & knob Heavy duty header available for taller & wider units Shadow Bar (glass towel bar) available as a free option
CONFIGURATIONS	Semi-frameless enclosure with multiple panel options



Platinum Euro / Chrome / Cardinal Wisp Glass

UPGRADE TO PLATINUM

Upgraded Wheels

The Platinum Series has ultra-smooth V-shaped wheels that are designed for the new V-shaped tracks in the headers. You'll notice a substantial difference in the effort it takes to roll the door.

Upgraded Headers

The Platinum Series headers are taller to better hide the roller brackets up inside the header.

Upgraded Roller Brackets

The Platinum Series wheel is closer to the center of gravity of the door glass, which allows the glass to hang at less of an angle.

PLATINUM RIVIERA EURO SERIES

5/16" Glass | Heavy Duty Platinum Header | Recessed Finger Pulls

PLATINUM EURO SERIES

1/4" Glass | Platinum Euro Header

PLATINUM CARDINAL SERIES

3/16" Glass | Platinum Cardinal Header



Custom Euro / White / Clear



Euro / Chrome / Clear / Shadow Bar



Euro / Chrome / Clear



Euro / Chrome / Clear

CAPITAL SERIES

SLIDING DOOR ENCLOSURES

The Capital Series features a contemporary, clean design that makes an instant and lasting impression. These double bypass enclosures feature a smooth overhead rolling system, double towel bars and 3/8" heavy glass.

QUICK FACTS

HEIGHTS	Available in 2 stock sizes: 60" x 74" and 60" x 79"
FINISHES	Brushed Nickel, Chrome, Matte Black
GLASS	Stock glass: 3/8" Clear
HARDWARE	Capital Series overhead rolling system and standard double towel bars
CONFIGURATIONS	Semi-frameless enclosure with two sliding doors



Capital / Chrome / Clear Glass

TRUFIT SERIES

SWING DOOR ENCLOSURES

Traditional heavy glass enclosures need to be made to order because even an 1/8" out of plumb can require custom glass. The TruFit Series utilizes our custom jamb and channels to allow for easy, on-site adjustment to the wall and curb conditions.

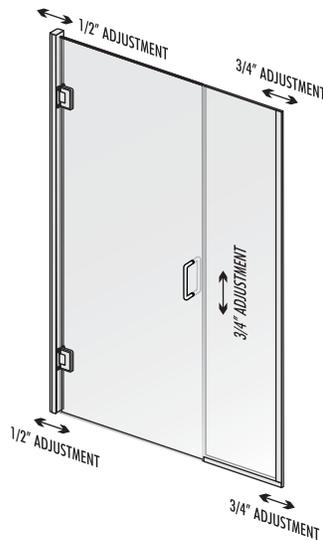
FIBERGLASS INSTALLATION

Now you can have heavy glass in a fiberglass stall!

- You do not need to hit a stud when installing the door
- Eight molly bolts spread the weight to the unit and curb
- For remodels, the wall jambs can cover old screw holes

QUICK FACTS

HEIGHTS	72" or 75" tall. Jamb is 7/16" taller than top of glass door for a height of 72 7/16" or 75 7/16"
FINISHES	Brushed Nickel, Chrome, and Roman Bronze
GLASS	Stock glass: 3/8" Clear
HARDWARE	Heavy glass hinges mounted on our custom jamb, with a 6" back-to-back C-pull
CONFIGURATIONS	Single door or door and panel
ADJUSTMENT	Single door has 1/2" of adjustment, while the door and panel has 1 1/4" of adjustment



TruFit / Oil Rubbed Bronze / Clear

SKYLINE & ULTIMATE SERIES

SLIDING DOOR ENCLOSURES

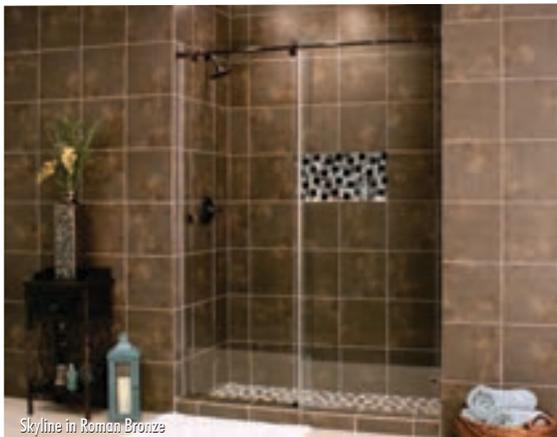
Make a bold impression with the large exposed wheels holding your sliding door. Available in 3/8" glass Skyline or 1/2" glass Ultimate. With standard four wheel configuration as shown or an optional three wheel configuration.

QUICK FACTS

HEIGHTS	Any height up to 80"
FINISHES	Polished Stainless Steel (resembles Chrome) Brushed Stainless Steel (resembles Brushed Nickel) Roman Bronze
GLASS	Skyline: 3/8" Clear Ultimate: 1/2" Clear Dozens of other patterns available. Mix and match, such as a Satin fixed panel and a clear sliding panel
CONFIGURATIONS	One fixed panel and one sliding panel Optional return panel Vinyl extrusions available for splash mitigation



Skyline / Polished Stainless Steel / Retro Seedy Glass



Skyline in Roman Bronze



Skyline Rollers



Skyline Empire Rollers

EMPIRE SERIES

SLIDING DOOR ENCLOSURES

A step up from the original Skyline, the Empire offers a more robust style with four larger rollers. This sleek enclosure is simple and elegant with one fixed panel and a rolling door.

QUICK FACTS

HEIGHTS	Any height up to 80" tall
FINISHES	Polished Stainless Steel (resembles Chrome) Brushed Stainless Steel (resembles Brushed Nickel)
GLASS	Empire: 3/8" Clear. Dozens of other patterns available
CONFIGURATIONS	One fixed panel and one sliding panel Optional return panel. Vinyl extrusions available for splash mitigation



Empire in Brushed Stainless

HEAVY GLASS ENCLOSURES

Heavy glass enclosures offer nearly unlimited flexibility in enclosing your shower environment. Do you prefer an open walk-in shower, a steam shower with built-in transoms or double doors? We can make your vision a reality.

QUICK FACTS

HEIGHTS	Glass up to 108" tall (Varies by pattern)
FINISHES	Brushed Nickel, Chrome, Gold, Oil Rubbed Bronze, Roman Bronze, Satin, White (Over 60 custom powder coat colors)
GLASS	3/8" or 1/2" glass available in a wide variety of patterns and colors
HARDWARE	A huge variety of options (see following pages)
CONFIGURATIONS	Almost anything you can imagine



Oil Rubbed Bronze Hardware and Channels



Built-In Transom



Steam Unit with Chrome Clips and Towel Bar/Pull Combo



Pivot Hinges / Satin Hardware



Transoms allow for venting steam

JUST IMAGINE...
THE POSSIBILITIES



Pivot Hinges and Apollo Pull



Krystal Glacier glass



Cardinal Lunar Glass

CAST GLASS ENCLOSURES

The ultimate shower environment. Period.

Other companies make glass you look through, we make glass you look at.

QUICK FACTS

HEIGHTS Up to 108" (Varies by pattern)

FINISHES Standard heavy glass hardware

GLASS 3/8" or 1/2" Clear or colored

CONFIGURATIONS Nearly anything you can dream



Storm Glass Swing Door Enclosure



Multi-Panel Storm Cast Glass Walk-In Shower



Meander / Pivot

ULTIMATE OPTIQUE GLASS >>>

Cardinal is thrilled to offer our revolutionary line of thermally formed art glass. This new glass incorporates a revolutionary and innovative kiln casting process that integrates the rich textural elements of kiln formed glass with unobstructed, optically clear areas or patterns, creating an effect that is striking and original. This glass is available for both shower and architectural applications. Several stock patterns are available, such as Palm and Meander. Custom designs, such as the one featured in this shower, are also available.



Custom Ultimate Optique Pattern



Cottage



Creek



Lava



Lodge



Meander



Palm



Rock Wall



Safari



Sensu



Storm



Waterfall



HANDCRAFTED

Each mold is hand crafted by our in-house artisans. Marine mold shown.

GLASS OPTIONS

HEAVY GLASS PATTERNS >>>

Cardinal is pleased to offer a wide variety of patterned heavy glass. When selecting glass, consider the pattern, design, and degree of obscurity you're going for. The more obscure the pattern, the easier your enclosure is to keep looking clean. Trust us on this.



Antique (3/8")



Bamboo (3/8")



Bubbles (3/8")



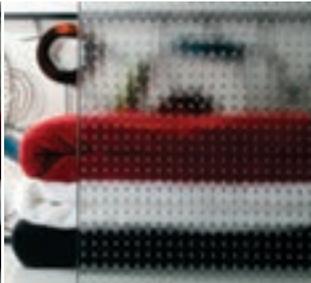
Coral (3/8")



Forest (3/8")



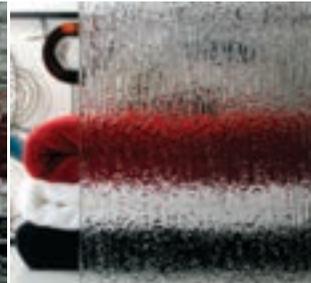
Glue Chip (3/8")



Master Carre (3/8")



Monumental (3/8")



Rain (3/8")



Satin (3/8", 1/2")

CARDINAL PATTERNS >>>

▶ 1/4" TO 1/2" GLASS ▶ SIX COLOR OPTIONS

Based on our cast glass techniques we've developed a series of patterns with a low relief that can be produced in any of our glass colors and thicknesses.



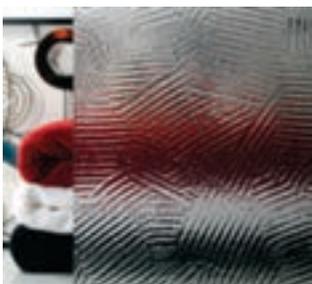
Cardinal Affinity (1/4" to 1/2")



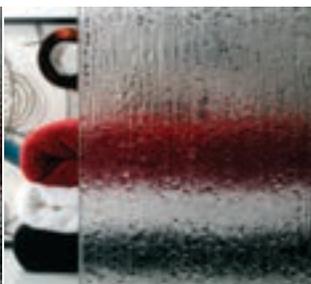
Cardinal Flurry (1/4" to 1/2")



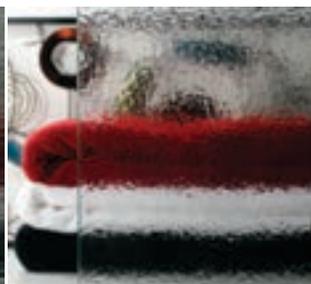
Cardinal Lunar (1/4" to 1/2")



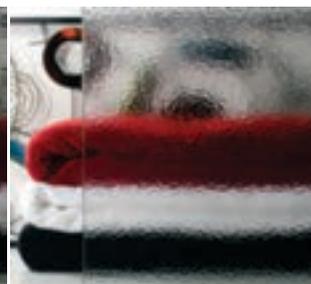
Cardinal Paint (1/4" to 1/2")



Cardinal Rain (1/4" to 1/2")



Cardinal Snowfall (1/4" to 1/2")



Cardinal Tranquility (1/4" to 1/2")



Cardinal Whisp (1/4" to 1/2")

CLEAR & COLORED GLASS >>>

Cardinal offers six colors of glass. Starphire is a low-iron, optically clear glass. Clear glass has a slight green tint. Any of these can be used for our Cast glass or Cardinal glass patterns.



Clear (5/32" to 1/2")



Low Iron (1/4", 5/16", 3/8", 1/2")



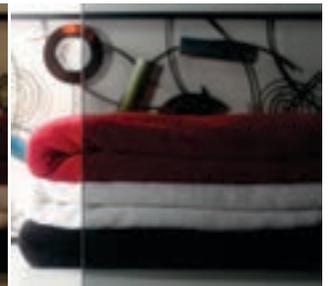
Solexia (3/8")



Azuria(3/8")



Bronze (1/4", 3/8")



Smoke (1/4", 3/8")

THIN GLASS PATTERNS >>>

The glass makes the shower. Clear, Obscure and Rain are standard options on many of our enclosures.



Aquatex (5/32", 3/16")



Autumn (1/4")



Bamboo (3/16")



Clear (5/32", 3/16" & 1/4")



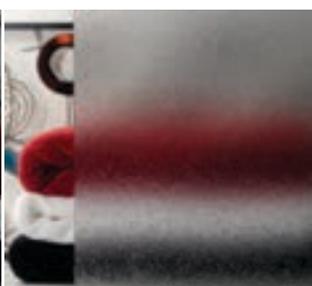
Everglade (1/4")



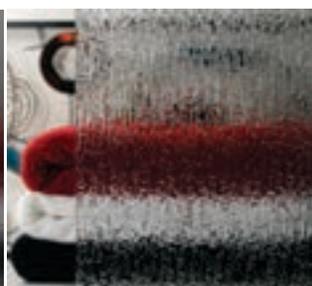
Glacier (1/4")



Glue Chip (3/16", 1/4")



Obscure (5/32", 3/16")



Rain (5/32", 3/16" & 1/4")



Reeded (1/4")



Satin (1/4")



Cardinal 10

SURFACE PROTECTION

REPELS WATER & OILS
10 YEAR WARRANTY
EASY TO MAINTAIN

Cardinal 10 Surface Protection is a glass protection system that repels both water (hydrophobic) and oils (oleophobic). This creates a near permanent bond that can only be removed by abrasion and removal of the top layer of glass. Cardinal 10 is resistant to UV degradation. Exposure to UV rays does not cause a film to form, nor does it cause a breakdown in the coating.

Scientifically Tested

Accelerated testing, performed to duplicate the effects of continuous cleaning and UV exposure of the coated surface for a 10 year period, concluded there was no noticeable degradation of the water and oil repelling properties of Cardinal 10. The coated surface should continue to perform well after the 10 year warranty period.

Ten Year Warranty

The manufacturer warrants that the Cardinal 10 Surface Protection will remain water repellent for a period of ten years from the date of the receipt provided by your installer.

CARDINAL S-CURVE

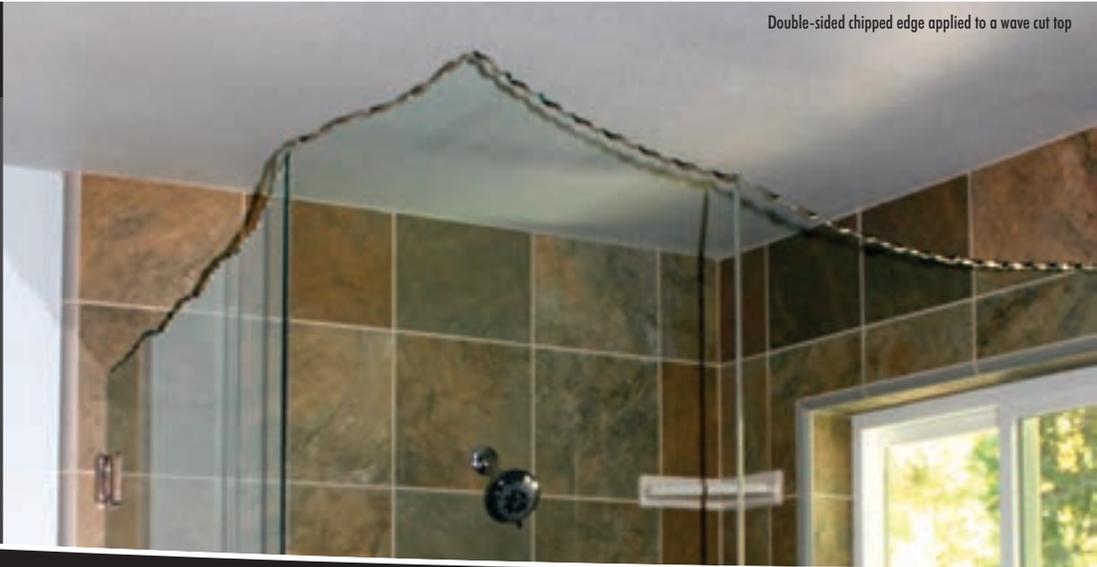
It surprised even us how the simple change dramatically changed the look and feel of the unit. While the S-Curve is available in any glass 1/4" or thicker, from clear to our luxurious Venetian Cast Glass, for the most dramatic effect, we recommend using clear glass which highlights the edge.

- Installs as easily as our Euro unit with one additional bumper.
- Available with custom etching to highlight the curve.

CHIPPED EDGES

A chipped edge (shown here applied to an irregularly cut top) can add a unique look to your shower enclosure.

Chipped edges can be single sided or double sided, and applied to straight or wave cuts.



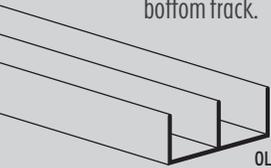
Double-sided chipped edge applied to a wave cut top

HARDWARE OPTIONS



EASY-CLEAN TRACK

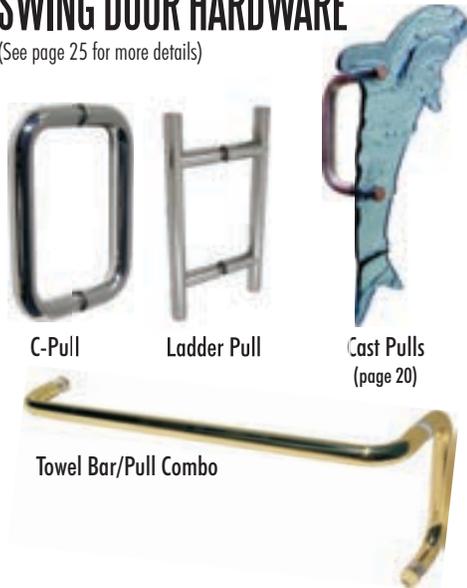
Our sliding enclosures include our easy to clean track. Unlike old designs (shown below), our slider tracks help water remain in the enclosure and not pool up in the bottom track.



OLD STYLE TRACK

SWING DOOR HARDWARE

(See page 25 for more details)



C-Pull

Ladder Pull

Cast Pulls
(page 20)

Towel Bar/Pull Combo

SLIDING DOOR HARDWARE

(See page 25 for more details)



Towel Bar

Back-to-back Knob

Standard Knob



Shadow Bar

SHADOW BAR >>>

This glass towel bar is available as a free option on our Euro and Riviera Euro sliding enclosures.

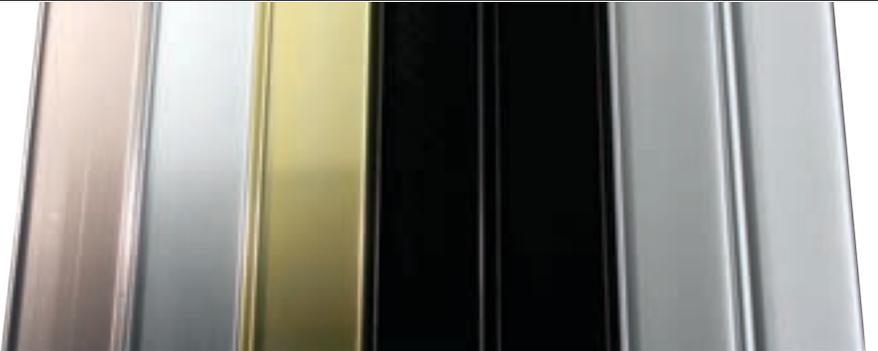
FINISH OPTIONS

STANDARD FINISHES

Not all finishes available in all enclosures. Check our web site for details.

From left to right

- Brushed Nickel
- Chrome
- Gold
- Oil Rubbed Bronze
- Roman Bronze
- Satin
- White



CUSTOM POWDER COATING

Cardinal offers over sixty custom stock powder coat colors, along with hundreds of custom colors available for special order. See our web site for a full list of color and texture options.



CAST GLASS PULLS

Are you looking for a truly stunning way to set off your shower enclosure? Add a Venetian Cast Glass Pull. With shapes ranging from Dolphins to Aspen Leaves, Lighthouses to various geometric shapes, we stock a wide assortment of beautiful pulls for your project. Or, you can work with one of our designers to create a custom pull just for you. Would you like a full-size, 6' tall surfboard split in half to serve as pulls for your double doors? How about a 7' tall Lighthouse handle? Dare to imagine your ultimate shower, and let our designers work with you to make your dreams come true

RETROFIT ONTO AN EXISTING SHOWER DOOR

Most pulls are designed to be able to retrofit onto an existing shower door with hole spacing of 6" or 8", and with holes centered at least 3" away from the edge of the door.

NEARLY ANY SIZE POSSIBLE

We've made cast pulls that are the full height of the door. The Giraffe, shown bottom-right, is designed to be aligned with the bottom of the door with the head at handle height.

FOR DOUBLE DOORS

The Sand Dollar pull, shown below, can be used for double-door applications. Remember, nearly any design is possible.



Dolphin pull in Azuria glass



Keystone pull in Solexia glass with custom pattern



Palm pull in Solexia glass

A FEW OF OUR STOCK DESIGNS



360

ARROW

ASPEN LEAF

AZTEC

BEAR

BLADE

CACTUS

CAT

CRESCENT



DOLPHIN

EIFFEL

ELLIPSE

FLEUR-DE-LIS

KEYSTONE

LIGHTHOUSE

OAK LEAF

PALM



PINEAPPLE

RECTANGLE

SHELL

SUNFLOWER

SURFBOARD

TEXAS

TROUT

CUSTOM DESIGNS

You can work with our designers to have custom pulls created to match your project's or company's logo.

Here we matched the logo from the casino into pulls for their spa.



GIRAFFE

HEAVY GLASS HARDWARE

We at Cardinal Shower pride ourselves on being an industry leader in stock finishes and custom hardware. Currently we carry seven stock finishes ranging from classic chrome to decorative brushed nickel. All of our hardware has an incredibly durable anodized or baked on powder coat finish that will ensure its beauty will shine through for years to come.



BRUSHED NICKEL **CHROME** **GOLD** **OIL RUBBED BRONZE** **ROMAN BRONZE** **SATIN** **WHITE**

CUSTOM FINISHES

Although we carry a wide selection of stock hardware there will always be a customer that would like that little something extra to make their shower unique. Custom matched hardware is often a relatively easy way to make a shower the stand out feature in your home. Our heavy glass professionals at Cardinal Shower have gone to great lengths to make this a simple task, so that you can enjoy the shower of your life sooner. Call for details and lead times.

IN HOUSE TECHNICAL SUPPORT

Got a difficult question? Cardinal Shower has always been driven to provide the highest standards in customer service. We have found that the best way to do this is to have the finest staff the industry has to offer. Cardinal Shower Enclosures and our parent company Hoskin & Muir, Inc., have been in business in excess of fifty years, and our in house technical support has well over 120 years of combined shower door experience. This ensures that our customers will always have someone with the proper expertise to turn to if they have a difficult question that needs answered.



Brushed Nickel Channels and Hardware

CHANNELS

ZSS4102
Snap-In Header
Filler for ZSS4101
and ZSS8101

ZSS4103
Shallow U Channel
for 3/8" Glass

ZSS4104
Deep U Channel
for 3/8" Glass

ZSS4105
Door Bottom Rail
for 3/8" Glass

ZSS4106
Dam Strip

ZSS5103
Shallow U Channel
for 1/2" Glass

ZSS5104
Deep U Channel
for 1/2" Glass

ZSS5105
Door Bottom Rail
for 1/2" Glass



HEADERS



ZSS4101A
Euro Series Header
for 3/8" and 1/2" Glass



ZSS2101
Euro Series Header
for 3/16" and 1/4" Glass

HEADER CLIPS FOR THE 4101A HEADER

These clips nest into the top channel of the 4101A header. Use these clips to connect mitered header corners and to secure the header to the wall.



- C4101-A** Adjustable Header Clip
- C4101-135** 135° Header Clip
- C4101-90** 90° Header Clip
- C4101-W** Header to Wall Clip

BEVELED EDGE HINGES



HGTW
Wall mounted hinge
with solid back plate



HGTWA
Wall mounted hinge with
adjustable back plate



HGTWOP
Wall mounted hinge
with offset back plate



H90GTG
90° glass to
glass hinge



H135GTG
135° glass to
glass hinge



H180GTG
180° glass to
glass hinge

SQUARE EDGE HINGES



HGTWS
Wall mounted hinge
with solid back plate



HGTWSPS
Wall mounted hinge
with short back plate



HGTWOPS
Wall mounted hinge
with offset back plate



H90GTGS
90° glass to
glass hinge



H135GTGS
135° glass to
glass hinge



H180GTGS
180° glass to
glass hinge

Floor/ceiling or Euro header mounted hinges

BEVELED EDGE PIVOT HINGE

HPVT

SQUARE EDGE PIVOT HINGE

HPVTS



Wall mounted heavy duty hinges

BEVELED HEAVY DUTY HINGE

HGTWH

SQUARE HEAVY DUTY HINGE

HGTWHS



HINGE SPECIFICATIONS

GLASS	3/8" (10mm) to 1/2" (12mm) Thick
SWING	90° In to 90° Out
CLOSURE	Self Centering & Closing from 25°
PIVOT PIN	Standard 5° Reversible (Does not apply to Pivot Hinges)
INCLUDES	Matching Finish Stainless Steel Screws, Gaskets & Allen Wrench

STANDARD HINGE RATED CAPACITIES

HINGES	MAX. DOOR WEIGHT	MAX. DOOR WIDTH
2	80 lbs / 36.4 kg	28" / 711 mm
3	120 lbs / 54.6 kg	32" / 813 mm

HEAVY DUTY HINGE RATED CAPACITIES

HINGES	MAX. DOOR WEIGHT	MAX. DOOR WIDTH
2	110 lbs / 45.5 kg	30" / 762 mm
3	140 lbs / 63.5 kg	36" / 915 mm

GLASS WEIGHTS

3/8" (10 mm) glass is 5.05 lbs/sf or 2.30 kg/sf
1/2" (12 mm) glass is 6.40 lbs/sf or 2.91 kg/sf

BEVELED EDGE CLIPS



CGTW
Wall mounted clip



C90GTG
90° glass to glass clip



C135GTG
135° glass to glass clip



C180GTG
180° glass to glass clip



CTGTW
Transom clip
glass to wall



CT180GTG
Transom clip
glass to glass

SQUARE EDGE CLIPS



CGTWS
Wall mounted clip



C90GTGS
90° glass to glass clip



C135GTGS
135° glass to glass clip



C180GTGS
180° glass to glass clip



CTGTWS
Transom clip
glass to wall



CT180GTGS
Transom clip
glass to glass

CLIP SPECIFICATIONS

GLASS 3/8" (10mm) to 1/2" (12mm) Thick
INCLUDES Matching Finish Stainless Steel
Screws, Gaskets & Allen Wrench



CSL90
90° Sleeve over Glass Clip

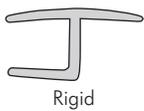


CSL135
135° Sleeve over Glass Clip

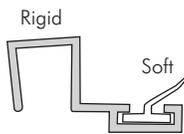


POLYCARBONATES

Use polycarbonates to help eliminate leakage while maintaining the frameless all-glass look. For the best looking results, secure the polycarbonates with crystal clear two-way tape.



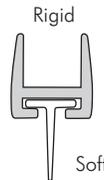
CHGP956-38
CHGP956-12
180° H Jamb for
3/8" and 1/2" Glass



CHGP957
90° Strike Jamb
for 3/8" Glass



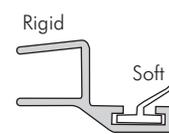
CHGP958
Rigid Multi-Purpose
Angle - 1/2" x 1/2"



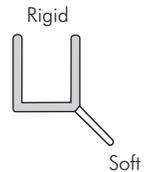
CHGP966
Bottom Rail with
Wipe for 3/8" Glass



CHGP967
Double Fin Seal
5/16" x 5/16"



CHGP968
180° Door Jamb
for 3/8" Glass



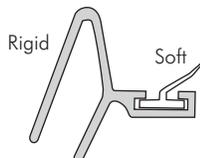
CHGP971-38
CHGP971-12
Dual Durometer
Seal/Wipe



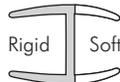
CHGP972
Bulb Seal
1/4" x 7/32"



CHGP973
Inline Seal for 180°



CHGP974
135° Strike Jamb
for 3/8" Glass



CHGP975-38
CHGP975-12
Multi-Purpose H Wipe
for 3/8" and 1/2" Glass



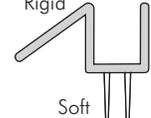
CHGP976
L Seal
5/16" x 3/8"



CHGP980
Edge T Wipe
5/16" x 1/2"



CHGP981
3/8" Header Vinyl



CHGP982-14
CHGP982-38
CHGP982-12
Bottom Wipe with Drip

TOWEL BARS



ROUND TOWEL BARS

3/4" diameter through-the-glass towel bars (Back to back also available)



APOLLO TOWEL BARS

3/4" diameter through-the-glass decorative towel bars



TOWEL BAR/PULL COMBO

3/4" diameter through-the-glass towel bar/pull combo

ROUND TOWEL BARS

ITEM	WIDTH
TB12	12" Wide
TB14	14" Wide
TB16	16" Wide
TB18	18" Wide
TB20	20" Wide
TB22	22" Wide
TB24	24" Wide
TB27	27" Wide

APOLLO TOWEL BARS

ITEM	WIDTH
ATB18	18" Wide
ATB24	24" Wide
ATB27	27" Wide

TOWEL BAR / PULL COMBOS

ITEM	WIDTH
TB6x12	6" x 12" Wide
TB6x14	6" x 14" Wide
TB6x16	6" x 16" Wide
TB6x18	6" x 18" Wide
TB6x20	6" x 20" Wide
TB6x22	6" x 22" Wide
TB6x24	6" x 24" Wide

PULLS

3/4" diameter through-the-glass pulls



6BTB
6" Back to Back



6SM
6" Single Mount



8BTB
8" Back to Back



8SM
8" Single Mount



6ABTB
6" Apollo Back to Back



8ABTB
8" Apollo Back to Back



KSM
Single Sided Knob



KASM
Apollo Series Single Sided Knob



KABTB
Apollo Series Back to Back Knob



KBTB
Back to Back Knob



KBTBC
Back to Back Knob with Cushion

TOWEL BAR AND PULL SPECIFICATIONS

- GLASS** 3/8" (10mm) to 1/2" (12mm) Thick
- INCLUDES** Stainless Steel Installation Hardware, Finished to Match Stainless Steel Screws, Gaskets & Alan Wrench
- REQUIRES** Requires 1/2" diameter holes at item width on center, for example, the TB24 needs holes 24" on center



SKYLINE PULL

ITEM: SKY 50H

The Skyline pulls are also available on the Euro and Platinum Riviera Euro sliding enclosures. We've found this to be a popular option for hotel applications.

These require a 1-5/8" diameter hole.



RECESSED FINGER PULL

ITEM: RFP

The recessed finger pulls provide an easy way to open a sliding enclosure panel from the opposite side of the towel bar or pull. These can be used in conjunction with our standard through-the-glass towel bars and pulls.

These require 7/8" holes.

The recessed finger pulls are not compatible with the Apollo series hardware.

CARDINAL MIRROR FRAME

Complement Your Shower Doors

Three decorative frame sections are stocked in seven finishes: Chrome, Gold, Brushed Nickel, Oil Rubbed Bronze, Roman Bronze, Satin and White. These frames are available with or without mirror, and are fabricated to your specified dimensions.



《《 SERIOUSLY

Have you thoroughly considered cast glass? The glass is amazing and it will transform your bathroom. Ever thought you'd invite party guests in to show off your shower? You will.

PHOTO CREDITS

Many thanks to our great customers who shared their installation photos with us: A Glass Act, Long Beach, CA; Contractor Services of Illinois, Goodfield, IL; Design Mirror & Glass, Little Canada, MN; Elite Glass & Mirror, North Las Vegas, NV; Franklin County Glass, Washington, MO; Funke Glass & Glazing, Rosebud, MO; Heights Glass, Elmhurst, IL; Miller Glass, Chico, CA; Moule's California Glass, Redding, CA. ; O'Fallon Glass & Mirror, O'Fallon, IL; Olde Towne Shutters, Macon, GA; Rebath, Chattanooga, TN; Santa Fe Glass, Independence, MO; Southwest Glass, Bakersfield, CA



Custom Glass Railings

Custom patterns can be made for your project



Skyline hardware for serving window on the Queen Mary



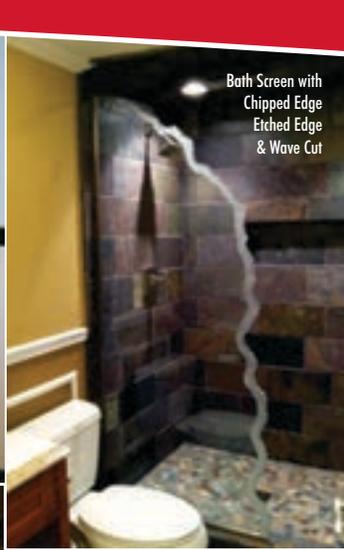
Cast logo and pattern in an entry door



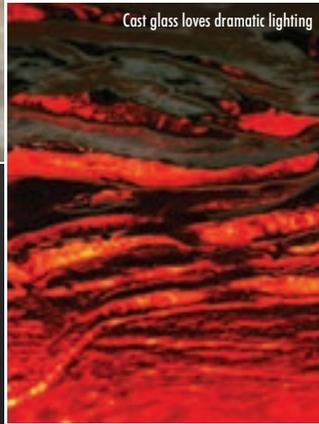
Glass to fill any opening



Custom etching



Bath Screen with Chipped Edge Etched Edge & Wave Cut



Cast glass loves dramatic lighting



Ultimate Optique bath screen

CUSTOMIZATION
Talk with our designers to see if we can make your ideas come to life!



Cast glass in custom railing



Cast glass pantry door



Custom colored cast glass



Cast glass booth dividers

STANDARD STALL SHOWER CONFIGURATIONS

Styles and heights vary by location.
Check your price sheets and with your distributor to determine availability.

SEMI-FRAMELESS STALL SHOWERS

CD - Cardinal Series (3/16" or 1/4" Glass)
Single Door Std. Heights - 66 5/8", 69 5/8", 72 5/8", 77 5/8", 87 5/8"
Units With Panels Std. Heights - 69", 72", 75", 80", 90"

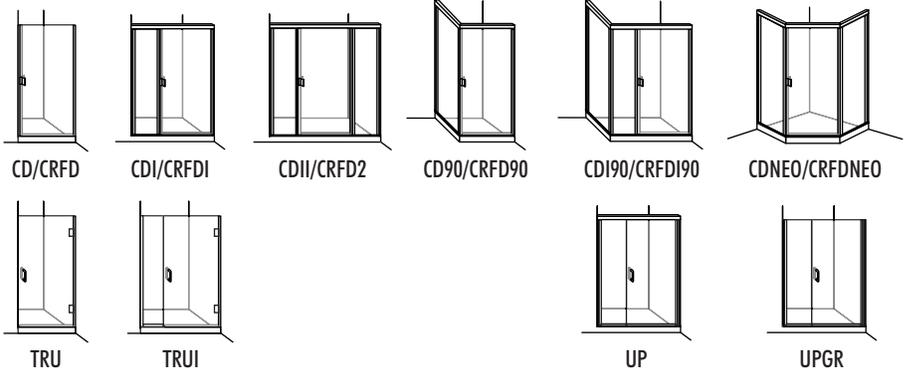
UP - Uptown Series (1/4" door & panel glass)
Std. Heights - 68", 71", 74", 80"

UPGR - Uptown Grand Series (1/4" door & 3/8" panel glass)
Std. Heights - 66 5/8", 69 5/8", 72 5/8", 80"

TRU - TruFit Series (3/8" Glass) - Standard Heights: 72", 75"

FRAMED STALL SHOWERS

CRFD - Craftsman Series (5/32" or 3/16" Glass)
Single Door Std. Heights - 64 7/16", 67", 70", 73", 78", 88"
Units With Panels Std. Heights - 69", 72", 75", 80", 90"



STANDARD TUB AND SHOWER SLIDER CONFIGURATIONS

Styles and heights vary by location.
Check your price sheets and with your distributor to determine availability.

SEMI-FRAMELESS SLIDERS

(Custom heights available in all except TTE/TSE and CRBT/CRBS)

TTE/TSE - Cardinal Builder Series (3/16" Glass)
Std. Heights: 54 3/8", 55 3/8", 56 3/8", 57 3/8", 60",
62 3/8", 65 3/8", 67 3/8", 70 3/8"

TE/SE - Cardinal Series (3/16" Glass)
Std. Heights: 54 3/8", 55 3/8", 56 3/8", 57 3/8", 60",
62 3/8", 65 3/8", 67 3/8", 70 3/8", 73 3/8", 76 3/8"

PTE/PSE - Platinum Cardinal Series (3/16" Glass)
Std. Heights: 55 3/4", 56 3/4", 57 3/4", 62 3/4",
65 3/4", 67 3/4", 70 3/4", 73 3/4", 76 3/4"

TETE/TESE - Euro Series (1/4" Glass)
Std. Heights: 54 3/8", 55 3/8", 56 3/8", 57 3/8", 60",
62 3/8", 65 3/8", 67 3/8", 70 3/8", 75 3/8"

PTETE/PTESE - Platinum Euro Series (1/4" Glass)
Std. Heights: 57 3/4", 62 3/4", 70 3/4", 75 3/4"

PRETE/PRESE - Platinum Riviera Euro Series (5/16" Glass)
Std. Heights: 57 3/4", 62 3/4", 70 3/4", 75 3/4"

HGTE/HGSE - Heavy Euro Series (3/8" Glass)
Std. Heights: 60", 62 1/2", 65 1/2", 70 1/2", 75 1/2"

HATE/HASE - Heavy Apollo Series (3/8" Glass)
Std. Heights: 60", 62 1/2", 65 1/2", 70 1/2", 75 1/2"

FRAMED SLIDERS

CRBT/CRBS - Craftsman Builder Series (5/32" Glass)
Std. Heights: 53 1/4", 55 1/4", 57 3/8", 64 3/4",
66 3/4", 69 3/4"

CRTE/CRSE - Craftsman Series (5/32" Glass)
Std. Heights: 54 1/2", 56 1/2", 58 5/8", 65 1/2", 68",
71", 75", 80", 90"

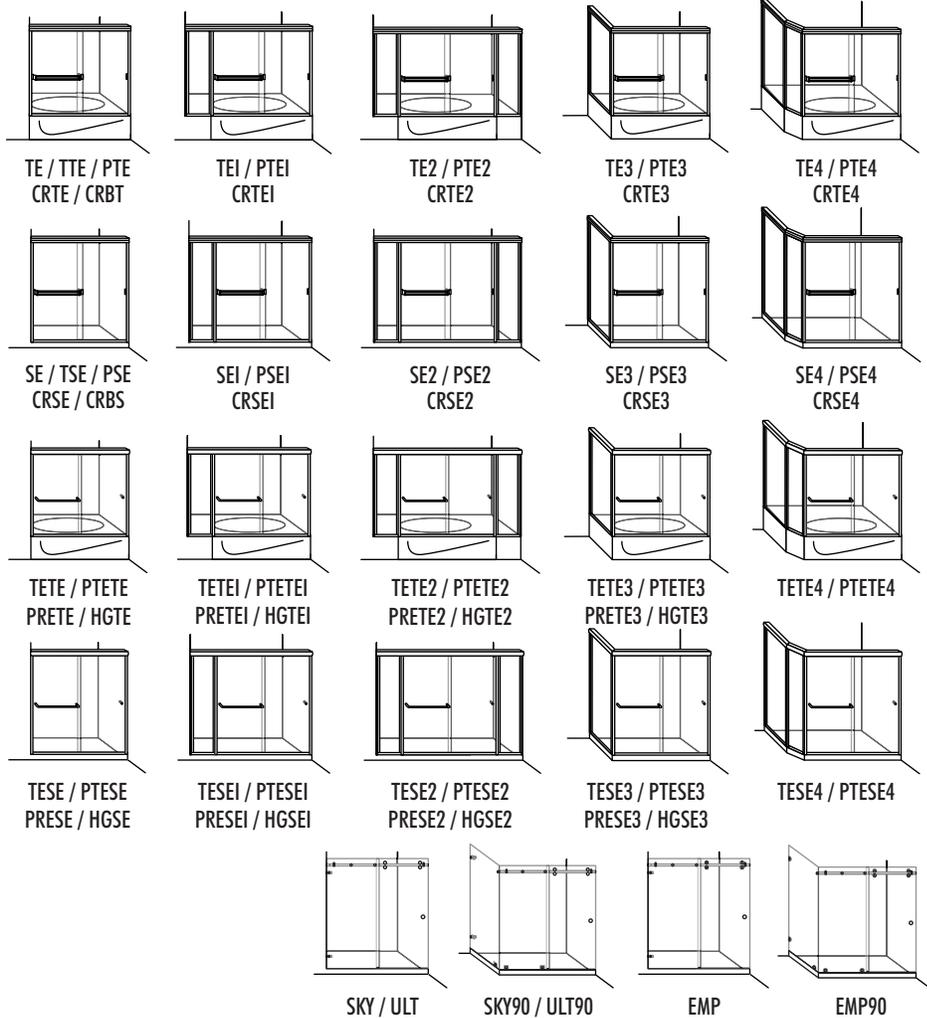
FRAMELESS SLIDERS

CAP - Capital Series (3/8" Glass) - Std. Heights: 74" and 79"

SKY - Skyline Series (3/8" Glass) - Up to 80"

ULT - Ultimate Series (1/2" Glass) - Up to 80"

EMP - Empire Series (3/8" Glass) - Up to 80"



CARDINAL

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www.cardinalshower.com

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