

Specifications

Materials and Construction

Extruded Aluminum Alloy:

Headers

- Brite Extruded aluminum shall be 6463-T6 alloy.
- Satin Extruded aluminum headers shall be 6063-T6 alloy.

All Other Extrusions

- Brite Extruded aluminum shall be 6463-T5 alloy.
- Satin Extruded aluminum shall be 6063-T5 alloy.

Aluminum Finish

Finish shall conform to the following Aluminum Association Specifications:

Silver

- AA-M11-C31-A21 for Brite Anodized Aluminum
- AA-M22-C31-A21 for Polished Brite Anodized Aluminum

Gold

- AA-M11-C31-A23 for Brite Anodized Aluminum
- AA-M22-C31-A23 for Polished Brite Anodized Aluminum

White

- AA-M10-C40-R1X Paint with a pencil hardness of H - 3H and a coating thickness of 0.9 to 1.0 mils.

Fasteners

All screws or fasteners shall be stainless steel to prevent rust and corrosion.

Glazing Materials

All glazing materials to be safety tempered glass with a nominal thickness of .125", .156" or .188" on obscure and clear framed panels, .188" or .25" on obscure and clear frameless panels. ANZI Z97.1 must be stamped on the glass

Individual unit features:

All Bypass Units

- Fully adjustable sealed ball bearing rollers
- Molded flexible PVC jamb bumpers with concealed fasteners
- Aquatex obscure glass
- Clear glass (optional)
- Other glass patterns available on some sizes (optional)
- Tempered Mirror available on some sizes (optional)
- Graphics (optional)

Coastline Series – CTR & CSR

- 1/8" glass
- Silver Satin anodized aluminum
- W-type bottom track with screw on nylon door guide
- (Optional) Easy clean self-draining tub track with snap on nylon center guide.
- Two towel bars with black nylon brackets
- 9/16" side jambs
- 3/4" glass frame – stile
- 11/16" glass frame - rail

Omega Series - 300 & 400

Silver Satin

- 1/8" glass
- Silver Satin anodized aluminum
- Easy clean self-draining tub track with snap on nylon center guide.
- Four black nylon finger pulls only (No Towel Bar)
- 9/16" side jambs
- 17/32" glass frame – stile
- 11/16" glass frame – rail

Brite Aluminum

- 1/8" glass
- Brite Silver or Brite Gold anodized aluminum
- W-type bottom track with screw on nylon door guide
- (Optional) Easy clean self-draining tub track with snap on nylon center guide.
- One single towel bar with black nylon brackets and two black nylon finger pulls
- 7/8" side jambs
- 3/4" glass frame – stile
- 11/16" glass frame - rail
- Interlocking jambs

Challenger Series – 3000 & 3100

- 1/8" glass standard
- Brite Silver or Brite Gold anodized aluminum, painted white
- White powder coat finish available
- W-type bottom track with screw on nylon door guide
- (Optional) Easy clean self-draining tub track with snap on nylon center guide.
- Two single towel bars with black nylon brackets
- 7/8" side jambs
- 3/4" glass frame – stile
- 11/16" glass frame - rail
- Interlocking jambs

Royal Palm Series – 500 & 600

- 1/8" or 5/32" glass standard
- Brite silver or brite gold anodized aluminum
- W-type bottom track with screw on nylon door guide
- (Optional) Easy clean self-draining tub track with snap on nylon center guide.
- Two Deluxe solid towel bars with brackets
- 1 1/16" glass frame
- Jamb alignment guide
- Interlocking jambs

Paragon Series – 1700 & 1800

- 5/32" or 3/16" glass standard
- Polished brite silver, polished brite gold or brushed nickel anodized aluminum.
- Easy clean self-draining tub track with snap on molded nylon panel guide of sufficient height to prevent accidental dislodging of interior panel.
- Two single towel bars with solid anodized aluminum towel bar brackets and clear propionate anti-reverse finger pulls.
- 1 1/4" glass frame.
- Polished Radius Header Front
- Interlocking jambs
- (Optional) Anti-jump header insert.
- (Optional) Inline and 90 degree panel units available.

Port Royal Series – 700 & 800

- 5/32" or 3/16" glass standard
- Polished brite silver or polished brite gold anodized aluminum.
- White finish available.
- Easy Clean self-draining tub track with snap on molded nylon panel guide of sufficient height to prevent accidental dislodging of interior panel.
- Two single towel bars with molded clear propionate towel bar brackets and anti-reverse finger pulls.
- 1 1/4" glass frame.
- Interlocking jambs
- (Optional) Anti-jump header insert
- (Optional) Inline and 90 degree panel units available.

Paragon B Series – 5100 & 5200

- Two part clamp style anodized aluminum glass hangers
- 3/16" frameless glass standard
- Polished brite silver or brite gold anodized aluminum, brushed nickel and white finishes
- Easy Clean, self-draining tub track with Snap-On vinyl door guide with sufficient height to prevent accidental dislodging of interior panel.
- Interlocking jambs
- Deluxe extruded aluminum towel bar and brackets on outside and pulls on inside.
- Polished Radius Header
- (Optional) Anti-jump header insert.

Paragon Frameless Series – 2700 & 2800

- Two part clamp style anodized aluminum glass hangers
- 1/4" Polished edge - frameless glass standard
- Polished brite silver or brite gold anodized aluminum, brushed nickel and white finishes
- Easy Clean, self-draining tub track with Snap-On vinyl door guide with sufficient height to prevent accidental dislodging of interior panel.
- Polished Radius Header
- Interlocking jambs
- Polished Radius Towel bars that mount through drilled holes in glass.
- (Optional) Anti-jump header insert.
- (Optional) Inline panel units available.

Paragon Heavy Frameless Series – 6100 & 6200

- Heavy duty bolt-on style anodized aluminum glass hangers
- Heavy Duty Ball Bearing rollers
- 3/8" Polished edge – frameless thru-hole glass standard
- Polished brite silver or brite gold and brushed nickel anodized aluminum finishes
- Easy Clean, self-draining tub track with Screw-On vinyl door guide with sufficient height to prevent accidental dislodging of interior panel.
- Polished Radius Header
- Interlocking jambs
- Notched Wall Jamb that fits over Sill
- Polished Radius Towel bars that mount through drilled holes in glass.
- (Optional) Inline panel units available.
- (Optional) End panel units available.

Pivot Doors

- Aquatex obscure glass
- Clear glass (optional)
- Other glass patterns available on some sizes (optional)
- Tempered Mirror available on some sizes (optional)
- Graphics (optional)

Pacemaker - PVRM Series

- Brite Silver or Brite Gold Anodized Aluminum
- All pivot plates shall be extruded aluminum, finished to match the unit.
- Pivot jambs to have continuous vertical vinyl seal.
- All doors to have continuous drip rail and vinyl wiper blade at bottom of panel. Drip rail will be sloped to drain water to the interior of the door when opened. Drip rail ends must have plastic protective caps at both ends for safety.
- Doors to be adjustable for precise fit to wall conditions.
- Latch to be permanently mounted magnetic strips. Mechanical closure devices not permitted.

Paragon – PV Series

- Polished Brite Silver or Brite Gold Anodized Aluminum
- All pivot plates and handle hardware shall be extruded aluminum, finished to match the unit. Plated hardware is not permitted.
- Pivot jambs to have continuous vertical vinyl seal.
- All doors to have continuous drip rail and vinyl wiper blade at bottom of panel. Drip rail will be sloped to drain water to the interior of the door when opened. Drip rail ends must have plastic protective caps at both ends for safety.
- Doors to be adjustable for precise fit to wall conditions.
- Latch to be permanently mounted magnetic strips. Mechanical closure devices not permitted.
- Plastic cap covering the top of wall jamb on strike side.

Trident – TS Series

- Silver Satin, Brite Silver or Brite Gold Anodized Aluminum
- Modular design and application for easy installation.
- Full threshold
- Full length built-in handle with Full length magnetic latch
- Adjustable strike jamb
- 1 1/2" width adjustment
- Built-in drip rail and vinyl sweep at door bottom.

Continuous Hinge Doors

Challenger Modular Series

- Brite Silver or Brite Gold Anodized Aluminum, Platinum and White finishes.
- Heavy duty Stainless steel Pivot hinge with nylon bushings.
- Full length built-in Pull Handle with full-length magnetic strip latching system.
- Modular Interlocking design, consisting of a Pre-Hung door that will interlock to different panels to make Inline and Neo panel units.
- Water seal Inter-lok
- No parts to install
- Out-of-plumb panel adjustment
- Header Cap – Standard on Inline units – Optional on Neo units.

Trident Series

- All doors shall have a continuous extruded ball and socket hinge that is integral to the hinge stile and jamb.
- Hinge and pivot bushings shall be self lubricating nylon 6/6
- All doors to have an integral splashguard built into the rails and a vinyl wiper blade inserted at bottom of panel.

- Latch to be permanently mounted magnetic strips. Mechanical closure devices not permitted.
- Adjustable jamb to provide +/- 5/16" adjustment.
- Door Pull shall be an integral part of the door stile.

Paragon Stall System

- Polished Brite Silver or Polished Brite Gold Anodized Aluminum, Brushed Nickel, Platinum and White finishes.
- All doors shall have a continuous extruded ball and socket hinge that is integral to the hinge stile and jamb.
- Hinge and pivot bushings shall be self-lubricating nylon 6/6 with stainless steel wear washers.
- All doors to have continuous drip rail and vinyl wiper blade at bottom of panel. Drip rail will be sloped to drain water to the interior of the door when opened. Drip rail ends must have plastic protective caps at both ends for safety.
- Latch to be permanently mounted magnetic strips for framed doors. Frameless doors to have a special plated Neodymium Magnet that fits into the strike jamb and a special Stainless Steel Strike Plate that is attached to the door handle. Mechanical closure devices not permitted.
- Adjustable jamb to provide +/- 5/16" adjustment.
- Standard Pull handle shall be extruded aluminum finished to match the unit.
- (Optional) Polished Solid Aluminum Radius Handles that mount through drilled holes in the glass.
- All units to have continuous curb with weep slots to drain any infiltrated water to the interior of the unit.
- Fixed glass panels to be flush-glazed and held in place with roll-in vinyl.
- Walls jambs on stand-alone doors to be covered with black plastic caps for safety.

Folding Series

Bifold hinge door

- Polished brite silver or polished brite gold anodized aluminum
- 5/32" or 3/16" glass standard
- All doors shall have a continuous extruded ball and socket hinge that is integral to the hinge stile and jamb.
- Hinge and pivot bushings shall be self-lubricating nylon 6/6 with stainless steel wear washers.
- Guide bushing shall be self-lubricating nylon 6/6.
- All doors to have continuous deflector rail and vinyl wiper blade at bottom of panel. Drip rail will be sloped to drain water to the interior of the door when opened.
- Latch to be permanently mounted magnetic bar and stainless strike plate. Mechanical closure devices not permitted.
- Adjustable jamb to provide +/- 5/16" adjustment.
- Pull handle shall be extruded aluminum finished to match the unit. Plated hardware not permitted.
- All units to have continuous curb with a snap in guide track and weep slots to drain any infiltrated water to the interior of the unit.
- Curb with guide track may be placed on top to give curb free access for handicap unit.
- Can be used in conjunction with paragon stall system panels.

Magnafold – 2200 series

- Silver Satin, Brite Silver, Brite Gold anodized aluminum or painted white finish.
- All doors shall have a series of folding panels, extruded aluminum panel stiffeners and an extruded aluminum pull edge that are interlocked with each panel. These panels shall have floating glide rollers that run along a grooved header / sill which is attached to aluminum wall jambs.
- Panels shall be pre-assembled for easy installation.
- Panel material shall be an opaque, fire retardant, extruded Polyethylene.
- This door shall give you the widest clear opening possible when the door is in the open position. It shall also have a latch that holds the door in the open position.
- All aluminum pull edges to have an integral groove that accepts a full-length magnet and strike against a wall jamb with an integral groove that also accepts a full-length magnet to give this door a full magnetic seal when in the closed position. They shall also have two, spring loaded glide roller brackets that are attached to each end into punched slots.
- All panel stiffeners shall have a spring loaded glide roller bracket with two rollers, which is attached to each end into punched slots.
- Glide rollers shall be White Delrin. They shall attach to a White Delrin roller bracket with stainless steel roller pins. Each roller assembly shall attach to each end of the panel stiffener and float up and down as the stiffener or pull edge is moved along the header / sill to insure smooth motion.

The Elite – 2300 Series

- All doors shall have a series of co-extruded panels, extruded aluminum panel stiffeners and an extruded aluminum pull edge that are interlocked with each panel. These panels shall have floating glide rollers that run along a grooved header / sill which is attached to aluminum wall jambs. This door shall give you the widest clear opening possible when the door is in the open position.
- All aluminum pull edges to have an integral groove that accepts a full-length magnet and strike against a wall jamb with an integral groove that also accepts a full-length magnet to give this door a full magnetic seal when in the closed position. They shall also have two spring loaded glide roller brackets that are attached to each end into punched slots.
- All panel stiffeners shall have a spring loaded glide roller bracket that is attached to each end into punched slots.
- Glide rollers shall be White Delrin. They shall attach to a White Delrin roller bracket with stainless steel roller pins. Each roller assembly shall attach to each end of the panel stiffener and float up and down as the stiffener or pull edge is moved along the header / sill to insure smooth motion.
- Panels shall consist of a series of co-extrusions of Alcryn and Rigid PVC to make it fold in the middle and at each vertical edge. The standard color for these panels is white. Contact factory for other custom colors available.