



IMAGE  
WINDOW & DOOR

July 1, 2023

Aspen Group  
Mark Huber

## PROPOSAL

### IKON USA

**PROJECT:** Sommet Blanc  
**ADDRESS:** 9300 Marsac Ave  
Park City, Utah

**Image Window and Door (IWD) proposes to provide Quaker C600 Series Thermally Broken Aluminum windows and La Cantina TC Aluminum Multi Slide patio doors for Sommet Blanc residential condos areas in Towers A, B, and C per sheets A0.74, A0.75, A0.76, A0.76 dated 11/18/2022. Please see attached detailed quote sheets for quantities and details. Curtainwall windows and doors shall be provided for main level common areas per sheets A0.70, A0.72, A0.72 dated 11/18/2022 with CW identification marks. See section drawings for profiles and details. Aluminum window opening “buck” per sample provided. Deviation from proposed “buck” could result in additional costs and will require contract adjustments to cover said costs. Shop drawings shall be provided for all units for approval.**

- For specifications and performance requirements please see the provided specification sheets for Quaker and La Cantina with additional data provided on the quote sheets. The proposed products are produced to the manufacturer’s standards.
- The actual specifications and tested performance for the products proposed herein deviates in some respects and is the standard of the manufacturer. Please see Quaker and La Cantina Specification sheets.
- The specifications, qualifications and exclusions listed herein are included to provide limits to the definition and terms of our proposal. This proposal is strictly limited to the specifications, unit prices, unit quantity, unit and mull assembly configurations described herein and is subject to revision upon review of defined specifications and other scope details which may be provided in the future.

#### **Quaker C600 Aluminum Window**

- See specifications
- All units shall be glazed with insulated Cardinal LowE 366 over i89. Tempered glass will be provided at required locations
- Paint color and finish are from manufacturers standard offerings. Custom match colors are available at an additional cost
- Fixed C600 U-Value .-----
- All units are factory glazed

#### **La Cantina Sliding TC Aluminum Doors**

- See specifications
- All units shall be glazed with insulated Cardinal LowE 366 over i89. Tempered glass will be provided at required locations
- Paint color and finish are from manufacturers standard offerings. Custom match colors are available at an additional cost
- Fixed C600 U-Value .40
- All operating doors are provided with weather resistant track systems with raised threshold. See attached sections for details and options
- All doors shall be provided with manufacturers’ standard hardware options. Custom handles by others
- All units are factory glazed

**Weighted Average U-Value .-----**

Installation Services provided by M&T Glass Co- MBE . Licensing provided by M&T Glass Co- MBE – All heavy equipment ie. Crane, lifts and alike are excluded from proposed labor costs. The contractor shall provide all heavy equipment for installers' use. Installation includes labor to install window modules, anchors and employing methods and procedures per typical industry standards for framed openings as defined by AAMA or ASTM. Installation numbers are based on contractor supplying or the use of existing scaffolding, crane and lifts.

Pricing includes Utah State sales tax at 7.25% on applicable products and product delivery to site. Contractor assistance to offload and stage required. The proposed numbers are valid for 60 days. You will be notified in advance of any increase in cost and we will continue to work with suppliers to hold costs as long as possible.

**\$7,527,826.00**

**BREAKDOWN BY TOWER -----**

**Qualifications and Limitations**

- Deviation from product attributes, sizing, or quantities shown will result in increased costs and will necessitate contract revisions. Pricing is guaranteed for 60 days from bid submission date.
- Payables due for stored materials

**Exclusions**

**Finishes, cleaning, bonds, protection, casings, lift (required), retainage, testing, costs associated with testing or retesting, storage, protection, custom hardware, closers, automation, panic hardware and any unrelated scopes.**

PLEASE REVIEW THE ATTACHED DETAIL SHEETS CAREFULLY. This budget is limited to the specifications, quantities and sizing indicated on the attachments. We reserve the right, upon identification of takeoff or clerical errors, to make future corrections to this proposal which could necessitate contract revisions. Image Window and Door takes no responsibility for wrong sizes, quantities, colors, glass types, etc. once the quote is approved. Payment is required within 30 days of product arrival. Late fees will be assessed beginning day 31. A work stoppage will take place at the owner's cost and will be rescheduled based on our availability when payments are received in full.

Thank You

*Joe Robinson*  
Joe Robinson

## **Guide Specifications- Section 084105**

### **LaCantina ALUMINUM THERMALLY CONTROLLED Folding Door System**

#### **PART 1 – GENERAL**

##### **1.01 SECTION INCLUDES**

- A. Thermally controlled aluminum and glass door system with fingertip operation up to 52' wide and 10' tall, including thermally controlled aluminum frame, threshold, thermally controlled panels, folding system and locking hardware and weather stripping.
- B. Glass and glazing.
- C. [Optional] Horizontal, retractable non-pleated insect and solar control screen and blind system up to 24' wide and 10' tall or
- D. [Optional Horizontal, retractable pleated screen system up to 29'6" wide and 10' tall
- E. System designed to provide a folding door system with sizes and configurations as per drawings and specified herein, LaCantina Aluminum Thermally Controlled Folding Door System as supplied by LACANTINA DOORS, INC.

##### **1.02 RELATED SECTIONS**

- A. Section 01 33 00 - Submittal Procedures.
- B. Section 01 60 00 – Product Requirements: Requirements for recycled content possibly affecting the products of this Section
- C. Section 01 61 16 – Volatile Organic Compound (VOC) Content Restrictions.
- D. Section 06 10 00 - Rough Carpentry: Installation and requirements for rough door opening.
- E. Section 06 20 00 - Finish Carpentry: Installation and requirements for door frame and casing and trim.
- F. Section 07 92 00 - Joint Sealers.
- G. Section 08 71 00 - Door Hardware.

##### **1.03 REFERENCES**

- A. AAMA 611.98, Voluntary Specification for Anodized Architectural Aluminum.
- B. AAMA 1303.5, Voluntary Specifications for Forced Entry Resistant Aluminum Sliding Glass Doors.
- C. AAMA 1304, Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems.
- D. AAMA 2603.02, Voluntary Specifications, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- E. AAMA 2604, Voluntary Specifications, Performance Requirements and Test Procedures for Pigmented for High Performance Organic Coatings on Aluminum Extrusions and Panels.
- F. ANSI Z97.1, Safety Performance Specifications and Methods of Test for Safety Glazing Material Used In Buildings.
- G. ASTM E 283, Test Method for Rate of Air Leakage through Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.
- H. ASTM E 330, Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.
- I. ASTM E 547, Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential.4. ASTM E 331, Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
- J. CPSC 16CFR-1201, Safety Standard for Architectural Glazing Materials.
- K. NFRC 100, Procedure for Determining Fenestration Product Thermal Materials.
- L. NFRC 200, Procedure for Determining Solar Heat Gain Coefficient.

#### 1.04 SUBMITTALS

- A. Detailed Order Documentation: Indicate outside net frame dimensioning, direction of swing (outswing or inswing), number of panels, folding configuration of panels left or right, identify main entry swing panel [if applicable based on configuration selected], typical head, side jamb, sill and panel details and type of glazing material per vertical plan and elevation view drawings
- B. Product Data: Manufacturer's literature including independently certified testing results, installation instructions, warranty and care and maintenance instructions.
- C. LEED Submittals: Submit recycled content of each material containing such content and submit thermal performance (i.e. U-value) for each door and glazing type.

#### 1.05 QUALITY ASSURANCE

- A. Manufacturer: Provide complete, engineered and high quality folding door system by a single source manufacturer with at least 7 years experience manufacturing folding door systems in the U.S.
- B. Performance Requirements: Folding Door system to comply with applicable manufacturer's independently certified testing results. Testing results include air infiltration in accordance with ASTM E 283, water penetration in accordance with ASTM E 547 and E 331 and structural loading in accordance with ASTM E 330.  
**\*\* SPECIFIER NOTE:** *Outswing system is recommended for weather exposed areas and best weather performance. Air infiltration and water penetration testing results can only be applicable if the door system matches the test door system in the direction of opening and the type of sill. Structural load testing results are only applicable for the test door system panel size with top and bottom locking points and type of mounting. (Comparative analysis by an engineer can determine which panel sizes (if any) would meet structural loading design pressures specifically required for the project. Check for limitations on the use of comparative analysis in the jurisdiction of the project). See manufacturer's latest published data.*
- C. Installer Qualifications: Installer experienced in the installation of manufacturer's folding door systems or similar and screening system preferred. Installer to follow installation instructions supplied by manufacturer and to provide warranty against defects in workmanship.

#### 1.06 WARRANTY

- A. Provide manufacturer's standard limited warranty for defects in materials and workmanship.
- B. Warranty Period: Up to ten (10) years for aluminum panel and frame components, product finishes, folding system hardware, and weather stripping. Five (5) years for locking hardware and screens. One (1) year for anodized finishes. Ten (10) years for insulated glass against failure of the air seal and that each unit will be free from material obstruction of vision as a result of fogging or film formation on the internal surfaces. For product used outside of the United States, up to two (2) years on glass and components and then ten (10) years on folding system hardware From date of delivery by manufacturer. Normal and regular maintenance is required per manufacturer's instructions, to maintain the appearance and extend the finish life and maintain proper operations.

#### 1.07 SITE CONDITIONS, DELIVERY, STORAGE AND HANDLING

- A. In addition to general delivery, storage and handling requirements specified in Section 016000, comply with the following:
  - 1. Deliver door system to job site in manufacturer's packaging. When forklift is not available remove panels from packaging and carefully transfer panels to a secure jobsite area. . Protect stored product from damage. Store product flat in dry, well ventilated area out of direct sunlight, under cover, protected from weather, moisture and excessive dryness and construction activities.

## PART 2 – PRODUCTS

### 2.01 SUPPLIER

- A. LACANTINA DOORS, INC.
- B. 3817 Ocean Ranch Blvd. Suite 114, Oceanside, CA 92056  
Telephone: (888) 221-0141  
Fax: (760) 734-1591  
Website: [www.lacantinadoors.com](http://www.lacantinadoors.com)  
Email: [info@lacantinadoors.com](mailto:info@lacantinadoors.com)

### 2.02 MATERIALS

- A. Frame and Panels: From manufacturer's standard profiles, provide complete folding door system with all hardware and consisting of head, side jambs, threshold and aluminum thermally controlled panels with dimensions shown on drawings.
  - 1. Provide aluminum thermally controlled panels with standard one lite up to 39" wide and 120" tall. Panel thickness is 2 1/4". Horizontal mullion in panel construction is not required.
  - 2. Provide standard 2 15/16" stile and rail profile [OR alternative 10" bottom rail].
  - 3. Aluminum Finish: Clear anodized [OR bronze anodized] [OR white paint] [OR select from range of finishes available from manufacturer] [OR custom kynar, powdercoat or decoral finish]. Same [OR different] finishes on inside and outside of frame and panels. Threshold is clear anodized [OR bronze anodized].
- B. Glass: Provide manufacturer's standard insulated glass (3/4" overall) with dry glazing. All glass to comply with safety glazing requirements of ANSI Z97.1 and CPSC 16CFR 1201.
  - 1. Low-E 272 (for standard sizes, argon filled).
  - 2. Low-E options 240, 270, 272, 366, 181.
  - 3. Clear insulated.
  - 4. Tinted.
  - 5. Single glazed tempered.
  - 6. Laminated [OR Impact].
  - 7. [OR other glass available from manufacturer].
- C. Locking Hardware and Handles: Provide manufacturer's standard handle and concealed two point locking hardware operated by 90 degree turn of handle between each pair of folding panels and on any secondary swing panel.
  - 1. On the main entry panel for configurations with a swing panel, provide manufacturer's standard trimset and lever handles on the inside and outside, a Schlage compatible lockset multi-point locking with dead bolt and concealed locking rods at the top and bottom of the door panel. Locking rods and mechanism shall not be edge or surface mounted. Depressing the handles withdraws the latch. Lifting the handles employs the rods and a turn of key or thumb turn employs the deadbolt and operates lock.  
**SPECIFIER'S NOTE:** *Key operation from the inside may not meet egress requirements.*  
**[OR for locking/handle operation from inside only (for even/even panel configurations or window applications where manufacturer's standard lever handle and lockset is not provided), on all swing panels or pair of folding panels to be opened first, provide manufacturer's standard flat handle and concealed two point locking hardware operated by 90 degree turn of handle.]**
  - 2. Concealed aluminum locking rods to be capped with solid stainless steel tips that lock into the frame's top and bottom locking channels
  - 3. Handle Finish: Brushed satin [OR bronze].

4. Provide main entry handle height centered at 36" [OR as specified] from bottom of panel.
- D. Folding Hardware: Provide manufacturer's standard folding hardware integrated with manufacturer's engineered thermally-broken head track, side jambs and threshold frame system. Weight of panels to be borne by the bottom of the track will not be allowed. Hardware system carrying capacity to be 220 lbs per panel.
1. Hardware system to operate with an upper wheel carrier that rolls on the aluminum head track. A lower track incorporated into the threshold to guide the door panels. Upper carrier and lower guide are attached to door panel hinges. Jamb panels are attached with top and bottom pivots. Panels are connected with hinges including top and bottom hinges attached to top carrier and lower guide. Handles to assist with opening and close of door included. Carrier pins at the top pivots, intermediate and end carrier support the full door weight and this is where panels are adjusted. A pin locking system is used to lock vertical adjustment once heights are set. Pivots at the jamb allow simple screwdriver adjustment of the system horizontally up to 3/8" (10mm). All screws fully concealed for external security. Architectural grade stainless steel used for hinge pins, carrier pins and carrier bogeys.
  2. Hardware sets: Provide three (3) hinges on panels 96" or less and four (4) hinges on panels taller than 96". Optional wall pivots available for jamb side pivot panels for taller doors or high-wind environments.
  3. Hardware finish: Stainless steel [OR bronze].
  4. Threshold: Provide bronze anodized, [OR clear anodized] standard engineered weeping thermally-broken threshold (reversible outswing or inswing) [OR Zero Step Sill] [OR Commercial ADA Ramp Sill] [OR guide track only for interior applications].  
**SPECIFIER'S NOTE:** Standard outswing engineered threshold can be recessed to level out the top of the threshold's weather stop with the interior finish flooring to minimize transition from interior to exterior floor levels while maintaining best weather performance. Outside patio/floor level shall be lower than the bottom of the threshold. The Zero Step Sill is manufacturer's solution for applications with same finish floor levels inside and outside. The Zero Step Sill incorporates a Draftguard Seal for effective sealing of the bottom of the panels without typical maintenance and sealing problems associated with sweeps mounted under door panels. The Zero Step Sill is installed with channels below exterior floor level and is recommended for protected openings and requires a drainage system (by others) to be installed to remove any water from the floor channels. The Draftguard Seal requires manual operation. See manufacturer's drawings. The ADA Ramp Sill MUST comply with the America Disability Acts (ADA) code #1142B and all horizontal channels in threshold or floor must be no more than 1/2".
  5. Adjustment: Provide system capable of adjustments without removing panels from tracks, 3/8" (7 mm) both vertically and horizontally with flat head and Phillips head screwdriver.
  6. Gaps between folding panels that accommodate weather-stripping and hinges to be 3/16" (5mm) or less when panels are closed.
- E. [Optional] Screen and Blind: Provide horizontal, retractable, non-pleated insect and solar control screen and blind system up to 24' wide and 10' tall with fingertip operation, load-balancing and tensioning adjustment, with anodized finish in manufacturer's standard color [OR alternative custom color] [OR alternative wood veneer from manufacturer's selection]. Screen mechanism to be concealed within frame and integrated with installation of door system [OR as stand-alone unit]. From manufacturer's standard profiles, provide head jamb, side jambs and threshold with dimensions and screen function direction. Operation to be single function up to 12'

wide [OR double function up to 24' wide ] [OR multi-function screen and blind system] up to 24' wide and 7'6" tall. Screen Mesh: Provide fiberglass/PVC mesh from manufacturer's available selection for insect protection, control heat gain or loss, UV protection or projector screen.

- F. [Optional] Retractable Pleated Insect Screen system up to 29'6" wide and 10' tall with aluminum frame that integrates with installation folding door frame, in manufacturer's standard color [OR alternative custom color]. Pleated mesh expands when screen is closed and compacts against the jamb when fully open. From manufacturer's standard profiles, provide head jamb, side jambs and threshold with dimensions and screen function direction. Operation to be single function up to 14'10" wide [OR double function up to 29'6" wide]. Screen mesh: Provide European Polyester mesh from manufacturer's available selection for insect protection.
- G. Other Components:
  - 1. Weather stripping: Provide manufacturer's standard glon seals at the inner and outer edge of door panels or on frame for sealing between panels and between panel and frame.
  - 2. Provide screws for connecting panels and frame components.
  - 3. Provide magnetic door stop for main entry swing panel for stacking of folding panels.

### **2.03 FABRICATION**

- A. Use extruded aluminum exterior profiles and fitted interior wood components, hinges, folding hardware, locking hardware and handles, threshold and track, glass and weather stripping as specified herein to make a folding door system. Factory pre-assembled as is standard for manufacturer and ship with all components and installation instructions.
- B. Sizes and Configurations: See drawings for selected custom dimensions within maximum frame sizes possible as shown in manufacturer's literature. See drawings for selected number of panels and configuration.
- C. Swing/stacking direction: Outswing [OR inswing] opening unit.
- D. Provide 90 degree zero post corner configurations as per drawings provided.
- E. Define as window system for net frame heights 72" or less.

### **2.04 ACCESSORIES**

- A. Provide manufacturer's non-integral nail fin utilized in conjunction with standard flashing, weather resistant barriers (house wrap) and compatible sealants.

## **PART 3 - EXECUTION**

### **3.01 ERECTION**

- A. Due to the size dimensions, weight and movement of the panels, verify the structural header requirements. Specifically, the maximum deflection of the header with the live load shall not exceed the lesser of  $L/720$  of the span and  $1/4"$ . Structural support for lateral loads (both wind load and when the panels are stacked open) must be provided.
- B. Verify that dimensions of rough opening will fit the net frame dimensions of door system; verify that rough openings are level, plumb, and square, with no unevenness in the floor.
- C. Installation of folding door system constitutes acceptance of existing conditions.

### **3.02 INSTALLATION**

- A. Install the door system frame and panels in accordance with manufacturer's installation instructions. Properly flash and waterproof around the perimeter of the opening and frame. Adequate overhangs to prevent the effects of sheeting water from above are recommended.

- B. Installer to provide adequate anchorage devices and to securely fit frame in place, absolutely level, straight, plumb and square. Install frame in proper elevation, plane and location, and in proper alignment with other work. Head section of frame must be installed with a 1/8" upward crown at the center of the opening.
- C. If necessary for tracks recessed into finish floors, drill weep holes in the floor track and provide drain connectors to ensure water can escape from the tracks.  
Recessing tracks into the floor are not recommended for areas exposed to weather.
- D. Ensure doors are adjusted at time of installation for proper operation. s
- E. Protect installed product from construction activities, particularly thresholds and floor channels.
- F. Finishing: Field finish under Section 099000 - Painting; seal and finish promptly after installation (no more than seven (7) days) and prior to exposure to weather.
- G. Accessories: Install the screen system following the manufacturer's recommendations and installation instructions.

**END OF SECTION**



DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 1 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-H

A 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

2

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 31

CONFIGURATION: OX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 97"

RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 96"

NET FRAME HEIGHT: 108"

PANEL WIDTH: 47-5/8"

PANEL HEIGHT: 104-15/16"

JAMB DEPTH: 5-13/16"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 6-13/16"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 106 lbs.

PER PANEL WEIGHT: 221 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 42-3/8"

GLASS HEIGHT (DLO): 99-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE



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PAGE: 2 of 44

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SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060  
PROJECT NAME: Sommet Blanc  
LOCATION: W-I

B 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

2

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled  
SYSTEM TYPE: Sliding Doors  
QUANTITY: 4  
CONFIGURATION: OX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 81-1/8"  
RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 80-1/8"  
NET FRAME HEIGHT: 108"

PANEL WIDTH: 39-11/16"  
PANEL HEIGHT: 104-15/16"  
JAMB DEPTH: 5-13/16"  
SILL TYPE: Weather Resistant Sill  
SILL DEPTH: 6-13/16"  
WHEEL TYPE: Acetal Wheels  
LEG EXTENSION: 2-5/16"  
BOTTOM RAIL: 2 15/16"  
TOP RAIL & STILES: 2-15/16"  
FRAME WEIGHT: 97 lbs.  
PER PANEL WEIGHT: 191 lbs.

PANEL TYPE: Custom Size  
HANDLE HEIGHT: 36"  
ALUMINUM FINISH: Black (Liquid Kynar 70%)  
HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized  
SILL FINISH: Bronze Anodized  
GLASS TYPE: LoE 366 i89 IG  
GAS TYPE: Argon  
SPACER COLOR: Black Powder Coat  
GLASS WIDTH (DLO): 34-7/16"  
GLASS HEIGHT (DLO): 99-1/16"  
U-FACTOR: 0.40  
SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE



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PAGE: 3 of 44

DEALER REP: Joe Robinson      SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060  
PROJECT NAME: Sommet Blanc      LOCATION: W-M

C 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

2

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled  
SYSTEM TYPE: Sliding Doors  
QUANTITY: 15  
CONFIGURATION: OX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 97"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 96"  
NET FRAME HEIGHT: 120"

PANEL WIDTH: 47-5/8"  
PANEL HEIGHT: 116-15/16"  
JAMB DEPTH: 5-13/16"  
SILL TYPE: Weather Resistant Sill  
SILL DEPTH: 6-13/16"  
WHEEL TYPE: Acetal Wheels  
LEG EXTENSION: 2-5/16"  
BOTTOM RAIL: 2 15/16"  
TOP RAIL & STILES: 2-15/16"  
FRAME WEIGHT: 112 lbs.  
PER PANEL WEIGHT: 245 lbs.

PANEL TYPE: Custom Size  
HANDLE HEIGHT: 36"  
ALUMINUM FINISH: Black (Liquid Kynar 70%)  
HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized  
SILL FINISH: Bronze Anodized  
GLASS TYPE: LoE 366 i89 IG  
GAS TYPE: Argon  
SPACER COLOR: Black Powder Coat  
GLASS WIDTH (DLO): 42-3/8"  
GLASS HEIGHT (DLO): 111-1/16"  
U-FACTOR: 0.40  
SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

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PREPARED FOR: BFS Operations, LLC (Sandy, UT)

PAGE: 4 of 44

DEALER REP: Joe Robinson  
SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060  
PROJECT NAME: Sommet Blanc  
LOCATION: W-N (Corner to Window)

D 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

2

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled  
SYSTEM TYPE: Sliding Doors  
QUANTITY: 9  
CONFIGURATION: OX (As viewed from the exterior)  
RECOMMENDED RO WIDTH: 109"  
RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 108"  
NET FRAME HEIGHT: 108"

PANEL WIDTH: 53-5/8"  
PANEL HEIGHT: 104-15/16"  
JAMB DEPTH: 5-13/16"  
SILL TYPE: Weather Resistant Sill  
SILL DEPTH: 6-13/16"  
WHEEL TYPE: Acetal Wheels  
LEG EXTENSION: 2-5/16"  
BOTTOM RAIL: 2 15/16"  
TOP RAIL & STILES: 2-15/16"  
FRAME WEIGHT: 113 lbs.  
PER PANEL WEIGHT: 243 lbs.

PANEL TYPE: Custom Size  
HANDLE HEIGHT: 36"  
ALUMINUM FINISH: Black (Liquid Kynar 70%)  
HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized  
SILL FINISH: Bronze Anodized  
GLASS TYPE: LoE 366 i89 IG  
GAS TYPE: Argon  
SPACER COLOR: Black Powder Coat  
GLASS WIDTH (DLO): 48-3/8"  
GLASS HEIGHT (DLO): 99-1/16"  
U-FACTOR: 0.40  
SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

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PROJECT NAME: Sommet Blanc

LOCATION: W-O (Corner to Window)

E 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 9

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 139"

RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 138"

NET FRAME HEIGHT: 108"

PANEL WIDTH: 46-3/4"

PANEL HEIGHT: 104-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 186 lbs.

PER PANEL WEIGHT: 218 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 41-1/2"

GLASS HEIGHT (DLO): 99-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 6 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-Q

F 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 5

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 145"

RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 144"

NET FRAME HEIGHT: 108"

PANEL WIDTH: 48-3/4"

PANEL HEIGHT: 104-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 191 lbs.

PER PANEL WEIGHT: 225 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 43-1/2"

GLASS HEIGHT (DLO): 99-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114  
DATE: 6/12/2023

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

PAGE: 7 of 44

DEALER REP: Joe Robinson  
SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060  
PROJECT NAME: Sommet Blanc  
LOCATION: W-T

G 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled  
SYSTEM TYPE: Sliding Doors  
QUANTITY: 4  
CONFIGURATION: OXX (As viewed from the exterior)  
RECOMMENDED RO WIDTH: 145"  
RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 144"  
NET FRAME HEIGHT: 120"

PANEL WIDTH: 48-3/4"  
PANEL HEIGHT: 116-15/16"  
JAMB DEPTH: 8-5/8"  
SILL TYPE: Weather Resistant Sill  
SILL DEPTH: 9-5/8"  
WHEEL TYPE: Acetal Wheels  
LEG EXTENSION: 2-5/16"  
BOTTOM RAIL: 2 15/16"  
TOP RAIL & STILES: 2-15/16"  
FRAME WEIGHT: 199 lbs.  
PER PANEL WEIGHT: 249 lbs.

PANEL TYPE: Custom Size  
HANDLE HEIGHT: 36"  
ALUMINUM FINISH: Black (Liquid Kynar 70%)  
HARDWARE FINISH: Black  
ACTIVE HANDLE FINISH: Black  
HEAD TRACK FINISH: Bronze Anodized  
SILL FINISH: Bronze Anodized  
GLASS TYPE: LoE 366 i89 IG  
GAS TYPE: Argon  
SPACER COLOR: Black Powder Coat  
GLASS WIDTH (DLO): 43-1/2"  
GLASS HEIGHT (DLO): 111-1/16"  
U-FACTOR: 0.40  
SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114  
DATE: 6/12/2023

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

PAGE: 8 of 44

DEALER REP: Joe Robinson  
SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060  
PROJECT NAME: Sommet Blanc  
LOCATION: W-FF (Corner to ?

H 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

2

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled  
SYSTEM TYPE: Sliding Doors  
QUANTITY: 1  
CONFIGURATION: OX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 97"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 96"  
NET FRAME HEIGHT: 120"

PANEL WIDTH: 47-5/8"  
PANEL HEIGHT: 116-15/16"  
JAMB DEPTH: 5-13/16"  
SILL TYPE: Weather Resistant Sill  
SILL DEPTH: 6-13/16"  
WHEEL TYPE: Acetal Wheels  
LEG EXTENSION: 2-5/16"  
BOTTOM RAIL: 2 15/16"  
TOP RAIL & STILES: 2-15/16"  
FRAME WEIGHT: 112 lbs.  
PER PANEL WEIGHT: 245 lbs.

PANEL TYPE: Custom Size  
HANDLE HEIGHT: 36"  
ALUMINUM FINISH: Black (Liquid Kynar 70%)  
HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized  
SILL FINISH: Bronze Anodized  
GLASS TYPE: LoE 366 i89 IG  
GAS TYPE: Argon  
SPACER COLOR: Black Powder Coat  
GLASS WIDTH (DLO): 42-3/8"  
GLASS HEIGHT (DLO): 111-1/16"  
U-FACTOR: 0.40  
SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used



DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 9 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-CC (Corner to ?

I 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 1

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 145"

RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 144"

NET FRAME HEIGHT: 108"

PANEL WIDTH: 48-3/4"

PANEL HEIGHT: 104-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 191 lbs.

PER PANEL WEIGHT: 225 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 43-1/2"

GLASS HEIGHT (DLO): 99-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 10 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-DD

J 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

4

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 4

CONFIGURATION: OXXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 193"

RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 192"

NET FRAME HEIGHT: 108"

PANEL WIDTH: 49-5/16"

PANEL HEIGHT: 104-15/16"

JAMB DEPTH: 11-7/16"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 12-7/16"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 297 lbs.

PER PANEL WEIGHT: 227 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 44-1/16"

GLASS HEIGHT (DLO): 99-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

ORDER #: 3028114

DATE: 6/12/2023

COMPANY NAME: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY

OCEANSIDE, CA 92056

T: 760.734.1590

F: 760.734.1591

PAGE: 11 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: Swing

K

3028114



O

PANEL(S) FOLDING LEFT

CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

1

PANEL(S) FOLDING RIGHT

\*AS VIEWED FROM THE EXTERIOR\*

PRODUCT TYPE:	Swing Doors	PANEL TYPE:	Custom Size
SYSTEM TYPE:	Aluminum Thermally Controlled	DAILY PASSAGE DOOR:	Included on system
QUANTITY:	33	ALUMINUM FINISH:	Black (Liquid Kynar 70%)
CONFIGURATION:	OL1R (As viewed from the exterior)	PANEL CORE:	Bronze Anodized
RECOMMENDED RO WIDTH:	37"	HARDWARE FINISH:	Black
RECOMMENDED RO HEIGHT:	120-1/2"	ACTIVE HANDLE FINISH:	Black
NET FRAME WIDTH:	36"	HEAD TRACK FINISH:	N/A
NET FRAME HEIGHT:	120"	SILL FINISH:	Bronze Anodized
PANEL WIDTH:	32-7/8"	GLASS TYPE:	LoE 366 i89 IG
PANEL HEIGHT:	117-1/8"	GAS TYPE:	Argon
SWING DIRECTION:	Inswing	GLASS SPACER:	Black Powder Coat
SILL TYPE:	Weather Resistant Sill	GLASS WIDTH DLO:	27"
HANDLE TYPE:	Interlock - Aria	GLASS HEIGHT DLO:	111-1/4"
HANDLE HEIGHT:	42" [1066.8]	U-FACTOR:	0.46
		SHGC:	0.19
JAMB WIDTH:	4-9/16" (5-5/8" Overall)	CUSTOM OPTIONS:	- 4 Hinge Set Included - Build by frame - Keyed Alike Cylinder Used
BOTTOM RAIL:	2 15/16"		
TOP RAIL & STILES:	2-15/16"		
FRAME WEIGHT:	56 lbs.		
PER PANEL WEIGHT:	184 lbs.		

DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 12 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-BA

L 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 1

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 241"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 240"

NET FRAME HEIGHT: 120"

PANEL WIDTH: 80-3/4"

PANEL HEIGHT: 116-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 276 lbs.

PER PANEL WEIGHT: 446 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 75-1/2"

GLASS HEIGHT (DLO): 111-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 13 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-BM (MIGHT NEED TO BE 4 PANEL - 291 3/4" WIDE)

M 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 1

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 256"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 255"

NET FRAME HEIGHT: 120"

PANEL WIDTH: 85-3/4"

PANEL HEIGHT: 116-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 288 lbs.

PER PANEL WEIGHT: 627 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 (5/16" / 5/16") IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 80-1/2"

GLASS HEIGHT (DLO): 111-1/16"

U-FACTOR: 0.43

SHGC: 0.22

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114  
DATE: 6/12/2023

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

PAGE: 14 of 44

DEALER REP: Joe Robinson  
SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060  
PROJECT NAME: Sommet Blanc  
LOCATION: W-BN (Might need to be 3 pnl 198 1/4"

N 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

2

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled  
SYSTEM TYPE: Sliding Doors  
QUANTITY: 1  
CONFIGURATION: OX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 173"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 172"  
NET FRAME HEIGHT: 120"

PANEL WIDTH: 85-5/8"  
PANEL HEIGHT: 116-15/16"  
JAMB DEPTH: 5-13/16"  
SILL TYPE: Weather Resistant Sill  
SILL DEPTH: 6-13/16"  
WHEEL TYPE: Acetal Wheels  
LEG EXTENSION: 2-5/16"  
BOTTOM RAIL: 2 15/16"  
TOP RAIL & STILES: 2-15/16"  
FRAME WEIGHT: 156 lbs.  
PER PANEL WEIGHT: 626 lbs.

PANEL TYPE: Custom Size  
HANDLE HEIGHT: 36"  
ALUMINUM FINISH: Black (Liquid Kynar 70%)  
HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized  
SILL FINISH: Bronze Anodized  
GLASS TYPE: LoE 366 (5/16" / 5/16") IG  
GAS TYPE: Argon  
SPACER COLOR: Black Powder Coat  
GLASS WIDTH (DLO): 80-3/8"  
GLASS HEIGHT (DLO): 111-1/16"  
U-FACTOR: 0.43  
SHGC: 0.22

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE



ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 15 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-CA and W-CB Mull to Window

O 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

4

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 5

CONFIGURATION: OXXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 195"

RECOMMENDED RO HEIGHT: 108-3/4"

NET FRAME WIDTH: 194"

NET FRAME HEIGHT: 108"

PANEL WIDTH: 49-13/16"

PANEL HEIGHT: 104-15/16"

JAMB DEPTH: 11-7/16"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 12-7/16"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 299 lbs.

PER PANEL WEIGHT: 229 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 44-9/16"

GLASS HEIGHT (DLO): 99-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

DEALER QUOTE

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 16 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-CK

P 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 1

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 119-3/4"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 118-3/4"

NET FRAME HEIGHT: 120"

PANEL WIDTH: 40-5/16"

PANEL HEIGHT: 116-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 179 lbs.

PER PANEL WEIGHT: 215 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 35-1/16"

GLASS HEIGHT (DLO): 111-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used



ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 17 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-CL

Q 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

3

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 1

CONFIGURATION: OXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 156"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 155"

NET FRAME HEIGHT: 120"

PANEL WIDTH: 52-7/16"

PANEL HEIGHT: 116-15/16"

JAMB DEPTH: 8-5/8"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 9-5/8"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 208 lbs.

PER PANEL WEIGHT: 265 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

ACTIVE HANDLE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 47-3/16"

GLASS HEIGHT (DLO): 111-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used

ORDER #: 3028114

DATE: 6/12/2023

PREPARED FOR: BFS Operations, LLC (Sandy, UT)

1875 ORD WAY  
OCEANSIDE, CA 92056  
T: 760.734.1590  
F: 760.734.1591

PAGE: 18 of 44

DEALER REP: Joe Robinson

SHIP TO ADDRESS: 9300 Marsac Ave Park City, UT, 84060

PROJECT NAME: Sommet Blanc

LOCATION: W-CM

R 3028114



CLEAR OPENING IS LESS HEAD, SILL, JAMBS AND PANEL STACK; PER CONFIGURATION

4

PANEL(S) SLIDING LEFT

\*AS VIEWED FROM THE EXTERIOR\*

O

PANEL(S) SLIDING RIGHT

PRODUCT TYPE: Aluminum Thermally Controlled

SYSTEM TYPE: Sliding Doors

QUANTITY: 1

CONFIGURATION: OXXX (As viewed from the exterior)

RECOMMENDED RO WIDTH: 182-7/8"

RECOMMENDED RO HEIGHT: 120-3/4"

NET FRAME WIDTH: 181-7/8"

NET FRAME HEIGHT: 120"

PANEL WIDTH: 46-3/4"

PANEL HEIGHT: 116-15/16"

JAMB DEPTH: 11-7/16"

SILL TYPE: Weather Resistant Sill

SILL DEPTH: 12-7/16"

WHEEL TYPE: Acetal Wheels

LEG EXTENSION: 2-5/16"

BOTTOM RAIL: 2 15/16"

TOP RAIL & STILES: 2-15/16"

FRAME WEIGHT: 297 lbs.

PER PANEL WEIGHT: 241 lbs.

PANEL TYPE: Custom Size

HANDLE HEIGHT: 36"

ALUMINUM FINISH: Black (Liquid Kynar 70%)

HARDWARE FINISH: Black

HEAD TRACK FINISH: Bronze Anodized

SILL FINISH: Bronze Anodized

GLASS TYPE: LoE 366 i89 IG

GAS TYPE: Argon

SPACER COLOR: Black Powder Coat

GLASS WIDTH (DLO): 41-9/16"

GLASS HEIGHT (DLO): 111-1/16"

U-FACTOR: 0.40

SHGC: 0.21

CUSTOM OPTIONS: - Build by frame  
- Keyed Alike Cylinder Used



## IMAGE WINDOWS AND DOORS

Quotation:	Phone:	801-834-5946	4370 S. 500 WEST - SUITE 200
	Fax:		MURRAY, UT 84123
Quote Name:	Sommet Blanc	Quote #:	SQMQU000001_1
User Name:	Sean Weber		

**Quoted For:** IMAGE WINDOWS AND DOORS  
4370 S. 500 WEST - SUITE 200  
MURRAY, UT 84123  
US

**Ship-To:** IMAGE WINDOWS AND DOORS

**Prepared By:** Sean Weber  
sweber@quakerwindows.com

**Created On:** 7/7/2023  
**Available To:** 9/5/2023

### Quote Information

**Total Value:** **Status:** Open

### Header:

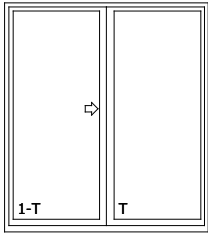
### Terms:

### Pricing:

All terms and conditions of this quote, including units, quantities, and accessories, are verified and accepted by the undersigned for purchase. Any changes made are rejected unless accepted and approved by Quaker.

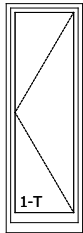
Accepted By \_\_\_\_\_ Date \_\_\_\_\_ Po# \_\_\_\_\_

Line	Label	Quantity	UOM	Part Number	Unit	Extended
1	SGD	4	EA	Quaker Unit		

**\*\* Viewed From Exterior \*\*****Series:** 5" - M600 Glide Door**Exact Size:** 96 X 108**Color:**Black,**Paint Type:**2604,**Interior Finish:**Matches Paint Color,**Glass:**Energy3S (Triple Silver),Tempered,Capillary Tube,**Door Hardware:**Black,**Glide Hdw:**Thumb Latch,Not Keyed,**Sill Color:**Dark Bronze,**Door Roller:**Precision Stainless,**Ship****Hardware:**Separate,**Screen:**Sliding,**Material:**BetterVue (TM),**Ship:**Ship Screen Separate,**Install Acc**No Nailing Fin,**Frame Depth:**5" , **Factory Assembled Frame:**No,**Unit:**1-Glide/Fixed **Exact Size:** 96 X 108,**Offset:**EQUAL,**NFRC - U-Factor:**0.43**SHGC:**0.22**VT:**0.48**AL:**≤0.3**CR:**45**Rating:** DP-40 \***Sill Height is 3 1/2"****ACT Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Tempered Glass**FXD Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Tempered Glass**Overall Rating:** DP-40

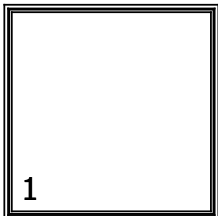
Total Weight 467 lbs.

2	TD	26	EA	Quaker Unit
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**\*\* Viewed From Exterior \*\*****Series:** 4 1/2" - Modern - Outswing Door (M600)**Exact Size:** 36 X 108**Color:**Black,**Paint Type:**2604,**Interior Finish:**Matches Paint Color,**Glass:**Energy3S (Triple Silver),Tempered,Capillary Tube,**Door Hardware:**Black,**Swing Hdw:**Multipoint ,Dallas,Default Height,Not Keyed,Hinge:Barrel Hinge,**Ship Hardware:**Separate,**Bottom Rail:** 10",**Install Acc**No Nailing Fin,**Frame Depth:**4 1/2",**Unit:**1-Jamb Hinge Left - ADA Sill **Exact Size:** 36 X 108, \***\*\* Does Not Meet 32 Inch Clear Opening \*\*****Sill Height is 1/2"****\*\*Warning - Clearance from bottom of door panel to door sill is 1/4" \*\*****Left Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Tempered Glass**Overall Rating:** \*

Total Weight 207 lbs.

3	WNN	2	EA	Quaker Unit
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**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 48 X 48**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",

**Unit:**1-Direct Set **Exact Size:** 48 X 48,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 79 lbs.

4 A

20 EA

Quaker Unit

\$22,843.39



**Series:** C600

**Exact Size:** 48 X 108  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***

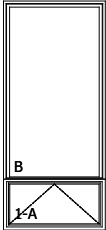
**Unit:**1-Direct Set **Exact Size:** 48 X 108,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 253 lbs.

5 B

4 EA

Quaker Unit



**Series:** C600

**Exact Size:** 48 X 108  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",  
**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***

**Unit:**1-2 - Cont Frame - 2 Tall

**1A-**Vent - Awning Roto 4 Bar,**1B-**Fixed,

**Exact Size:** 48 X 108,**Row 1 Height:**24,**SecA:** **Not Egress,**  
**NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass  
**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 229 lbs.

6 C

20 EA

Quaker Unit

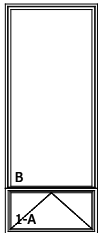
**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 48 X 120**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:**1-Direct Set **Exact Size:** 48 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\***G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating:** DP-70

Total Weight 280 lbs.

7 D

108 EA

Quaker Unit

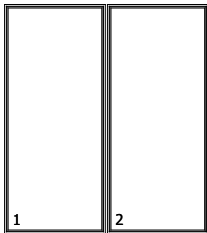
**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 48 X 120**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:**1-2 - Cont Frame - 2 Tall**1A-**Vent - Awning Roto 4 Bar,**1B-**Fixed,**Exact Size:** 48 X 120,**Row 1 Height:**24,SecA: **Not Egress,****NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57**NFRC Stickers****Rating:** DP-65\***G \*****Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass**Overall Rating:** DP-65

Total Weight 252 lbs.

8 E

12 EA

Quaker Unit

**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 96 X 108**Model :** 2 Wide - Define Overall Width,**Ship Mulls - Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-55,**Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:**1-Direct Set **Exact Size:** 47 1/2 X 108,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

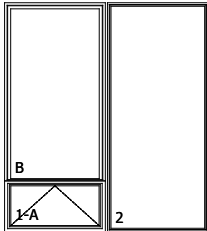
Unit:2-Direct Set Exact Size: 47 1/2 X 108,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Overall Rating: DP-55  
Total Weight 529 lbs.

9 F, G

3 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 96 X 108  
Model : 2 Wide - Define Overall Width,Ship Mulls - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-60,  
Mull Cut: Straight  
Color:Black,Paint Type:2604,Interior Color:Black,  
Glass:Energy3S (Triple Silver),Capillary Tube,  
Hardware:Black,Vent:4 Bar - Roto,Ship Hardware:Separate,AWN Limit Stop:STD - Vent Limit TravelAWN Limitstop Dim :4",  
Screen:Flex Screen,Material:Flex Screen,Ship:Ship Screen Separate,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",

Unit:1-2 - Cont Frame - 2 Tall

1A-Vent - Awning Roto 4 Bar,1B-Fixed,

Exact Size: 47 1/2 X 108,Row 1 Height:24,SecA: Not Egress,  
NFRC - U-Factor:0.33SHGC:0.19VT:0.44AL:≤0.3CR:57  
NFRC Stickers  
Rating: DP-70\*G \*  
Bottom Glass:Cardinal LowE 366 - DSB / Clear - DSB,Strength:Annealed Glass  
Top Glass:Cardinal LowE 366 - 3/16 / Clear - 3/16,Strength:Annealed Glass

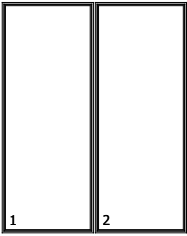
Unit:2-Direct Set Exact Size: 47 1/2 X 108,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Overall Rating: DP-60  
Total Weight 505 lbs.

10 J

37 EA

Quaker Unit



Series: C600

Exact Size: 96 X 120

Model : 2 Wide - Define Overall Width, **Ship Mulls** - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40**,  
Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 47 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 47 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

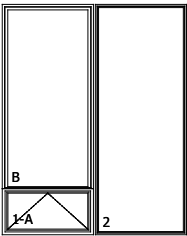
Overall Rating: DP-40

Total Weight 585 lbs.

11 L, K, LL

75 EA

Quaker Unit



Series: C600

Exact Size: 96 X 120

Model : 2 Wide - Define Overall Width, **Ship Mulls** - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-45**,  
Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Hardware:Black,Vent:4 Bar - Roto,Ship Hardware:Separate,AWN Limit Stop:STD - Vent Limit TravelAWN Limitstop Dim :4",

Screen:Flex Screen,Material:Flex Screen,Ship:Ship Screen Separate,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-2 - Cont Frame - 2 Tall

1A-Vent - Awning Roto 4 Bar,1B-Fixed,

Exact Size: 47 1/2 X 120,Row 1 Height:24,SecA: **Not Egress**,

NFRC - U-Factor:0.33SHGC:0.19VT:0.44AL:≤0.3CR:57

NFRC Stickers

Rating: DP-65\*G \*

Bottom Glass:Cardinal LowE 366 - DSB / Clear - DSB,Strength:Annealed Glass

Top Glass:Cardinal LowE 366 - 3/16 / Clear - 3/16,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 47 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass



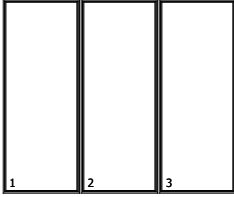
**Overall Rating: DP-45**

Total Weight 558 lbs.

12 R, T

7 EA

Quaker Unit

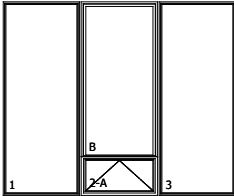
**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 144 X 120**Model :** 3 Wide - Define Overall Width 1/3-1/3-1/3, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:1-Direct Set Exact Size:** 47 5/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 47 3/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:3-Direct Set Exact Size:** 47 5/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating: DP-40**

Total Weight 890 lbs.

13 S

17 EA

Quaker Unit

**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 144 X 120**Model :** 3 Wide - Define Overall Width 1/3-1/3-1/3, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-45, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-45, Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:1-Direct Set Exact Size:** 47 5/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:2-2** - Cont Frame - 2 Tall

**2A**-Vent - Awning Roto 4 Bar,**2B**-Fixed,

**Exact Size:** 47 3/8 X 120,**Row 1 Height:**24,**SecA:** Not Egress,

**NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57

**NFRC Stickers**

**Rating:** DP-65\***G \***

**Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass

**Unit:3**-Direct Set **Exact Size:** 47 5/16 X 120,

**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62

**NFRC Stickers**

**Rating:** DP-70\***G \***

**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

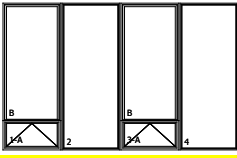
**Overall Rating:** DP-45

Total Weight 863 lbs.

14 U, V

17 EA

Quaker Unit



**Series:** C600

**Exact Size:** 192 X 120

**Model :** 4 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Mull Cut:** Straight

**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,

**Glass:**Energy3S (Triple Silver),Capillary Tube,

**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",

**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,

**Install Acc**No Nailing Fin,

**Frame Depth:**4 1/8",

**Unit:1-2** - Cont Frame - 2 Tall

**1A**-Vent - Awning Roto 4 Bar,**1B**-Fixed,

**Exact Size:** 47 1/4 X 120,**Row 1 Height:**24,**SecA:** Not Egress,

**NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57

**NFRC Stickers**

**Rating:** DP-65\***G \***

**Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass

**Unit:2**-Direct Set **Exact Size:** 47 1/4 X 120,

**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62

**NFRC Stickers**

**Rating:** DP-70\***G \***

**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:3-2** - Cont Frame - 2 Tall

**3A**-Vent - Awning Roto 4 Bar,**3B**-Fixed,

**Exact Size:** 47 1/4 X 120, **Row 1 Height:** 24, **SecA:** Not Egress,  
**NFRC - U-Factor:** 0.33 **SHGC:** 0.19 **VT:** 0.44 **AL:** ≤ 0.3 **CR:** 57  
**NFRC Stickers**  
**Rating:** DP-65\*G \*  
**Bottom Glass:** Cardinal LowE 366 - DSB / Clear - DSB, **Strength:** Annealed Glass  
**Top Glass:** Cardinal LowE 366 - 3/16 / Clear - 3/16, **Strength:** Annealed Glass

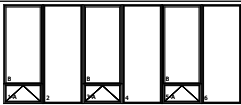
**Unit:** 4-Direct Set **Exact Size:** 47 1/4 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤ 0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

**Overall Rating:** DP-45  
 Total Weight 1142 lbs.

15 W, X

11 EA

Quaker Unit



**Series:** C600

**Exact Size:** 288 1/8 X 120

**Model :** 6 Wide, **Ship Mulls** - **Vertical Mull-1:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-2:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-3:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-4:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-5:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Mull Cut:** Straight  
**Color:** Black, **Paint Type:** 2604, **Interior Color:** Black,  
**Glass:** Energy3S (Triple Silver), Capillary Tube,  
**Hardware:** Black, **Vent:** 4 Bar - Roto, **Ship Hardware:** Separate, **AWN Limit Stop:** STD - Vent Limit Travel **AWN Limit stop Dim :** 4",  
**Screen:** Flex Screen, **Material:** Flex Screen, **Ship:** Ship Screen Separate,  
**Install Acc:** No Nailing Fin,  
**Frame Depth:** 4 1/8",

**Unit:** 1-2 - Cont Frame - 2 Tall

**1A-** Vent - Awning Roto 4 Bar, **1B-** Fixed,

**Exact Size:** 47 3/16 X 120, **Row 1 Height:** 24, **SecA:** Not Egress,  
**NFRC - U-Factor:** 0.33 **SHGC:** 0.19 **VT:** 0.44 **AL:** ≤ 0.3 **CR:** 57  
**NFRC Stickers**  
**Rating:** DP-65\*G \*  
**Bottom Glass:** Cardinal LowE 366 - DSB / Clear - DSB, **Strength:** Annealed Glass  
**Top Glass:** Cardinal LowE 366 - 3/16 / Clear - 3/16, **Strength:** Annealed Glass

**Unit:** 2-Direct Set **Exact Size:** 47 3/16 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤ 0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

**Unit:** 3-2 - Cont Frame - 2 Tall

**3A-** Vent - Awning Roto 4 Bar, **3B-** Fixed,

**Exact Size:** 47 3/16 X 120, **Row 1 Height:** 24, **SecA:** Not Egress,  
**NFRC - U-Factor:** 0.33 **SHGC:** 0.19 **VT:** 0.44 **AL:** ≤ 0.3 **CR:** 57  
**NFRC Stickers**  
**Rating:** DP-65\*G \*

**Bottom Glass:** Cardinal LowE 366 - DSB / Clear - DSB, **Strength:** Annealed Glass  
**Top Glass:** Cardinal LowE 366 - 3/16 / Clear - 3/16, **Strength:** Annealed Glass

**Unit:** 4-Direct Set **Exact Size:** 47 3/16 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

**Unit:** 5-2 - Cont Frame - 2 Tall

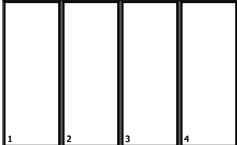
**5A-Vent** - Awning Roto 4 Bar, **5B-Fixed**,

**Exact Size:** 47 3/16 X 120, **Row 1 Height:** 24, **SecA:** Not Egress,  
**NFRC - U-Factor:** 0.33 **SHGC:** 0.19 **VT:** 0.44 **AL:** ≤0.3 **CR:** 57  
**NFRC Stickers**  
**Rating:** DP-65\*G \*  
**Bottom Glass:** Cardinal LowE 366 - DSB / Clear - DSB, **Strength:** Annealed Glass  
**Top Glass:** Cardinal LowE 366 - 3/16 / Clear - 3/16, **Strength:** Annealed Glass

**Unit:** 6-Direct Set **Exact Size:** 47 3/16 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

**Overall Rating:** DP-45  
 Total Weight 1726 lbs.

16	DD	4	EA	Quaker Unit
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**Series:** C600

**Exact Size:** 192 X 120  
**Model :** 4 Wide, **Ship Mulls** - **Vertical Mull-1:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Vertical Mull-2:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Vertical Mull-3:** M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Mull Cut:** Straight  
**Color:** Black, **Paint Type:** 2604, **Interior Color:** Black,  
**Glass:** Energy3S (Triple Silver), Capillary Tube,  
**Install Acc:** No Nailing Fin,  
**Frame Depth:** 4 1/8",

**Unit:** 1-Direct Set **Exact Size:** 47 1/4 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

**Unit:** 2-Direct Set **Exact Size:** 47 1/4 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

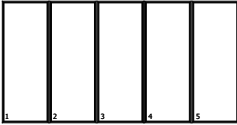
**Unit:** 3-Direct Set **Exact Size:** 47 1/4 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:4-Direct Set Exact Size: 47 1/4 X 120,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Overall Rating: DP-40  
Total Weight 1196 lbs.

17	EE	4	EA	Quaker Unit
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Series: C600

Exact Size: 233 1/16 X 120  
Model : 5 Wide,Ship Mulls - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-40, Vertical Mull-2:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-40, Vertical Mull-3:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-40, Vertical Mull-4:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-40, Mull Cut: Straight  
Color:Black,Paint Type:2604,Interior Color:Black,  
Glass:Energy3S (Triple Silver),Capillary Tube,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 45 13/16 X 120,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 45 13/16 X 120,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:3-Direct Set Exact Size: 45 13/16 X 120,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:4-Direct Set Exact Size: 45 13/16 X 120,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*  
Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

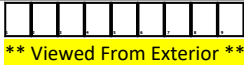
Unit:5-Direct Set Exact Size: 45 13/16 X 120,  
NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62  
NFRC Stickers  
Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Overall Rating: DP-40

Total Weight 1464 lbs.

18	BA Top	1	EA	Quaker Unit
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Series: C600

Exact Size: 432 1/8 X 62 1/8

Model : 9 Wide,Ship Mulls - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-2:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-3:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-4:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-5:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-6:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-7:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-8:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 47 1/8 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 47 1/8 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:3-Direct Set Exact Size: 47 1/8 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:4-Direct Set Exact Size: 47 1/8 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:5-Direct Set Exact Size: 47 1/8 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:6-Direct Set Exact Size: 47 1/8 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

**Fixed Glass:** Cardinal LowE 366 - 5/32 / Clear - 5/32, **Strength:** Annealed Glass

**Unit:** 7-Direct Set **Exact Size:** 47 1/8 X 62 1/8,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.56 **AL:** ≤0.3 **CR:** 47  
**NFRC Stickers**  
**Rating:** DP-70\*G  
**Fixed Glass:** Cardinal LowE 366 - 5/32 / Clear - 5/32, **Strength:** Annealed Glass

**Unit:** 8-Direct Set **Exact Size:** 47 1/8 X 62 1/8,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.56 **AL:** ≤0.3 **CR:** 47  
**NFRC Stickers**  
**Rating:** DP-70\*G  
**Fixed Glass:** Cardinal LowE 366 - 5/32 / Clear - 5/32, **Strength:** Annealed Glass

**Unit:** 9-Direct Set **Exact Size:** 47 1/8 X 62 1/8,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.56 **AL:** ≤0.3 **CR:** 47  
**NFRC Stickers**  
**Rating:** DP-70\*G  
**Fixed Glass:** Cardinal LowE 366 - 5/32 / Clear - 5/32, **Strength:** Annealed Glass

**Overall Rating:** DP-70  
Total Weight 1129 lbs.

19	BA Bot	1	EA	Quaker Unit
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**\*\* Viewed From Exterior \*\***

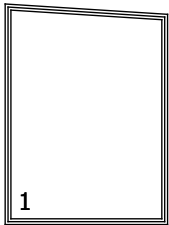
**Series:** C600

**Exact Size:** 48 X 120  
**Color:** Black, **Paint Type:** 2604, **Interior Color:** Black,  
**Glass:** Energy3S (Triple Silver), Capillary Tube,  
**Install Acc** No Nailing Fin,  
**Frame Depth:** 4 1/8",

**Unit:** 1-Direct Set **Exact Size:** 48 X 120,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.55 **AL:** ≤0.3 **CR:** 62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:** Cardinal LowE 366 - 1/4 / Clear - 1/4, **Strength:** Annealed Glass

**Overall Rating:** DP-70  
Total Weight 280 lbs.

20	BC top	1	EA	Quaker Unit
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**\*\* Viewed From Exterior \*\***

**Series:** C600

**Exact Size:** 47 1/8 X 64  
**Color:** Black, **Paint Type:** 2604, **Interior Color:** Black,  
**Glass:** Energy3S (Triple Silver), Capillary Tube,  
**Install Acc** No Nailing Fin,  
**Frame Depth:** 4 1/8",

**Unit:** 1-Trapezoid Right **Exact Size:** 47 1/8 X 64, **Short Height:** 61, **Pitch:** 0.75/12,  
**NFRC - U-Factor:** 0.32 **SHGC:** 0.25 **VT:** 0.56 **AL:** ≤0.3 **CR:** 47  
**NFRC Stickers**

**Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 114 lbs.

21 BD Top

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 226 1/2 X 64**Model :** 5 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",**Unit:1-Direct Set Exact Size:** 44 1/2 X 64,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 44 1/2 X 64,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:3-Direct Set Exact Size:** 44 1/2 X 64,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:4-Direct Set Exact Size:** 44 1/2 X 64,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:5-Direct Set Exact Size:** 44 1/2 X 64,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating: DP-70**

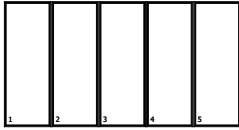
Total Weight 609 lbs.

22 BD Bot

1 EA

Quaker Unit





\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 226 1/2 X 120

**Model :** 5 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-45, **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

Unit:1-Direct Set Exact Size: 44 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 44 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:3-Direct Set Exact Size: 44 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:4-Direct Set Exact Size: 44 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:5-Direct Set Exact Size: 44 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

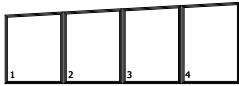
Overall Rating: DP-45

Total Weight 1430 lbs.

23 BE Top

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 181 3/4 X 63

**Model :** Pitch Left 4 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,

**Frame Depth:**4 1/8",

**Unit:1-Trapezoid Left Exact Size:** 44 11/16 X 55 1/2,**Short Height:**53,**Pitch:**0.6875/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:2-Trapezoid Left Exact Size:** 44 11/16 X 58,**Short Height:**55 1/2,**Pitch:**0.6875/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:3-Trapezoid Left Exact Size:** 44 11/16 X 60 1/2,**Short Height:**58,**Pitch:**0.6875/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:4-Trapezoid Left Exact Size:** 44 11/16 X 63,**Short Height:**60 1/2,**Pitch:**0.6875/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 450 lbs.

24 BE Bot

1 EA

Quaker Unit

**Series:** C600

**Exact Size:** 48 X 120  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc:**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***

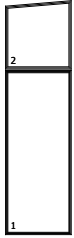
**Unit:1-Direct Set Exact Size:** 48 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 280 lbs.

25 BF

1 EA

Quaker Unit



Series: C600

Exact Size: 48 X 171

Model : 1 Wide Top Stack, **Ship Mulls** - **Horizontal Mull-1**:Opticore Stack Mull - Cityline, **Mull Rating: DP-70, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***Unit:1-Direct Set **Exact Size:** 48 X 120,NFRC - **U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62

NFRC Stickers

Rating: **DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed GlassUnit:2-Trapezoid Left **Exact Size:** 48 X 50,**Short Height:**46,**Pitch:**1/12,NFRC - **U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47

NFRC Stickers

Rating: **DP-70****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 382 lbs.

26 BG

1 EA

Quaker Unit



Series: C600

Exact Size: 48 X 163

Model : 1 Wide Top Stack, **Ship Mulls** - **Horizontal Mull-1**:Opticore Stack Mull - Cityline, **Mull Rating: DP-70, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***Unit:1-Direct Set **Exact Size:** 48 X 120,NFRC - **U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62

NFRC Stickers

Rating: **DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed GlassUnit:2-Trapezoid Left **Exact Size:** 48 X 42,**Short Height:**38,**Pitch:**1/12,NFRC - **U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63

NFRC Stickers

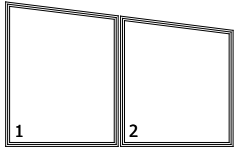
Rating: **DP-70\*G****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 359 lbs.

27 BH Top

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 96 X 61

Model : Pitch Right - 2 Wide, Ship Mulls - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Trapezoid Right Exact Size: 47 1/2 X 61,Short Height:55 1/8,Pitch:1.5/12,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:2-Trapezoid Right Exact Size: 47 1/2 X 55,Short Height:49,Pitch:1.5/12,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Overall Rating: DP-70

Total Weight 225 lbs.

28 BH Bot

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 48 X 120

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 48 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

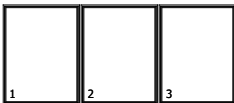
Overall Rating: DP-70

Total Weight 280 lbs.

29 BI Top

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 144 X 61 5/8

Model : 3 Wide - Define Overall Width 1/3-1/3-1/3, Ship Mulls - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-2:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

**Unit:1-Direct Set Exact Size:** 47 5/16 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 47 3/8 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:3-Direct Set Exact Size:** 47 5/16 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 364 lbs.

30 BI Bot

1 EA

Quaker Unit

**Series:** C600

**Exact Size:** 144 X 120  
**Model :** 3 Wide - Define Overall Width 1/3-1/3-1/3,**Ship Mulls - Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 47 5/16 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 47 3/8 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:3-Direct Set Exact Size:** 47 5/16 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Overall Rating: DP-40**  
 Total Weight 890 lbs.

31	BJ	1	EA	Quaker Unit
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Series: C600

Exact Size: 48 X 186

Model : 1 Wide Top Stack, **No Mull Parts - Framed Separate**

Horizontal Mull-1:DeadAirSpace 12"

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

**\*\* Viewed From Exterior \*\***

Unit:1-Direct Set Exact Size: 48 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Trapezoid Right Exact Size: 48 X 54,Short Height:48,Pitch:1.5/12,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Overall Rating: DP-70

Total Weight 378 lbs.

32	BK	1	EA	Quaker Unit
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Series: C600

Exact Size: 96 X 186

Model : 2 Wide 2 Top Stack, **Ship Mulls** - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-10, Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve RatingHorizontal Mull-2:DeadAirSpace 12", Horizontal Mull-3:DeadAirSpace 12", Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

**\*\* Viewed From Exterior \*\***

Unit:1-Direct Set Exact Size: 47 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 47 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:3-Direct Set Exact Size: 47 1/2 X 54,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70

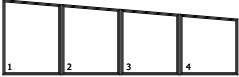
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:**4-Direct Set **Exact Size:** 47 1/2 X 54,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating:** DP-70

Total Weight 799 lbs.

33 BL Left

1 EA

Quaker Unit

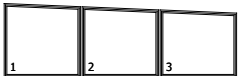
**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 194 X 62**Model :** Pitch Right 4 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:**1-Trapezoid Right **Exact Size:** 47 3/4 X 62,**Short Height:**58,**Pitch:**1/12,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:**2-Trapezoid Right **Exact Size:** 47 3/4 X 58,**Short Height:**54,**Pitch:**1/12,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:**3-Trapezoid Right **Exact Size:** 47 3/4 X 54,**Short Height:**50,**Pitch:**1/12,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:**4-Trapezoid Right **Exact Size:** 47 3/4 X 50,**Short Height:**46,**Pitch:**1/12,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating:** DP-70

Total Weight 453 lbs.

34 BL Right

1 EA

Quaker Unit

**Series:** C600

**\*\* Viewed From Exterior \*\***

**Exact Size:** 145 1/4 X 46  
**Overall Size:** 146 1/4 X 46  
**Model :** Pitch Right 3 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8", **Space Mull 1 Left**Cityline Stack Mull,**Factory Apply Spacer Mull:** No - Precut and Ship Loose,**CutAngle Spacer Mull 1 :** Straight, **Dimension Add Spacer Mull 3:** Not Available,  
**Perimeter Acc Color:**Black,

**Unit:1-**Trapezoid Right **Exact Size:** 47 3/4 X 46, **Overall Size:** 48 3/4 X 46,**Short Height:**44,**Pitch:**0.5/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63

**NFRC Stickers**

**Rating:** DP-70\*G

**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:2-**Trapezoid Right **Exact Size:** 47 3/4 X 44,**Short Height:**42,**Pitch:**0.5/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63

**NFRC Stickers**

**Rating:** DP-70\*G

**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:3-**Trapezoid Right **Exact Size:** 47 3/4 X 42,**Short Height:**40,**Pitch:**0.5/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63

**NFRC Stickers**

**Rating:** DP-70\*G

**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

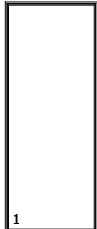
**Overall Rating: DP-70**

Total Weight 251 lbs.

35 BL Left

1 EA

Quaker Unit



**Series:** C600

**Exact Size:** 48 X 120

**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***

**Unit:1-Direct Set Exact Size:** 48 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62

**NFRC Stickers**

**Rating:** DP-70\*G \*

**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Overall Rating: DP-70**

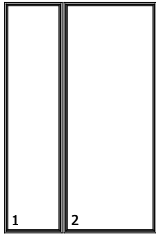
Total Weight 280 lbs.

36 BL Right

1 EA

Quaker Unit



**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 79 X 120

Model : 2 Wide, **Ship Mulls** - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-50, Mull Cut: Straight  
Color:Black,Paint Type:2604,Interior Color:Black,  
Glass:Energy3S (Triple Silver),Capillary Tube,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 30 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70 \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 48 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Overall Rating: DP-50

Total Weight 495 lbs.

37 BM Top

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 291 7/8 X 62 1/8

Model : 6 Wide, **Ship Mulls** - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-2:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-3:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-4:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-5:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Mull Cut: Straight  
Color:Black,Paint Type:2604,Interior Color:Black,  
Glass:Energy3S (Triple Silver),Capillary Tube,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 47 13/16 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 47 13/16 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Unit:3-Direct Set Exact Size: 47 13/16 X 62 1/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass

**Unit:4-Direct Set Exact Size:** 47 13/16 X 62 1/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:5-Direct Set Exact Size:** 47 13/16 X 62 1/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

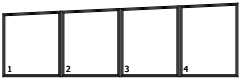
**Unit:6-Direct Set Exact Size:** 47 13/16 X 62 1/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 756 lbs.

38 BN

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

**Exact Size:** 198 1/4 X 62

**Model :** Pitch Left 4 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Trapezoid Left Exact Size:** 48 13/16 X 55 1/4,**Short Height:**53,**Pitch:**0.5625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:2-Trapezoid Left Exact Size:** 48 13/16 X 57 1/2,**Short Height:**55 1/4,**Pitch:**0.5625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:3-Trapezoid Left Exact Size:** 48 13/16 X 59 3/4,**Short Height:**57 1/2,**Pitch:**0.5625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

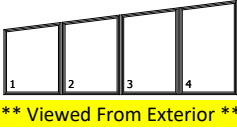
**Unit:4-Trapezoid Left Exact Size:** 48 13/16 X 62,**Short Height:**59 3/4,**Pitch:**0.5625/12,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47  
NFRC Stickers  
Rating: DP-70\*G  
Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,Strength:Annealed Glass  
  
Overall Rating: DP-70  
Total Weight 478 lbs.

39 BO

1 EA

Quaker Unit



Series: C600

Exact Size: 153 1/2 X 62

Model : Pitch Left 4 Wide,Ship Mulls - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-2:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Vertical Mull-3:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-70, Mull Cut: Straight  
Color:Black,Paint Type:2604,Interior Color:Black,  
Glass:Energy3S (Triple Silver),Capillary Tube,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",

Unit:1-Trapezoid Left Exact Size: 37 5/8 X 47 1/2,Short Height:42 13/16,Pitch:1.5/12,  
NFRC - U-Factor:0.33SHGC:0.24VT:0.57AL:≤0.3CR:63  
NFRC Stickers  
Rating: DP-70\*G  
Fixed Glass:Cardinal LowE 366 - DSB / Clear - DSB,Strength:Annealed Glass

Unit:2-Trapezoid Left Exact Size: 37 5/8 X 52 3/8,Short Height:47 5/8,Pitch:1.5/12,  
NFRC - U-Factor:0.33SHGC:0.24VT:0.57AL:≤0.3CR:63  
NFRC Stickers  
Rating: DP-70\*G  
Fixed Glass:Cardinal LowE 366 - DSB / Clear - DSB,Strength:Annealed Glass

Unit:3-Trapezoid Left Exact Size: 37 5/8 X 57 1/8,Short Height:52 1/2,Pitch:1.5/12,  
NFRC - U-Factor:0.33SHGC:0.24VT:0.57AL:≤0.3CR:63  
NFRC Stickers  
Rating: DP-70\*G  
Fixed Glass:Cardinal LowE 366 - DSB / Clear - DSB,Strength:Annealed Glass

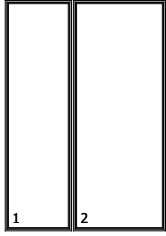
Unit:4-Trapezoid Left Exact Size: 37 5/8 X 62,Short Height:57 1/4,Pitch:1.5/12,  
NFRC - U-Factor:0.33SHGC:0.24VT:0.57AL:≤0.3CR:63  
NFRC Stickers  
Rating: DP-70\*G  
Fixed Glass:Cardinal LowE 366 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-70  
Total Weight 329 lbs.

40 Z

6 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 83 1/2 X 120

Model : 2 Wide, **Ship Mulls** - Vertical Mull-1:M24502\_23056\_23058 - Opticore 1" T-Mull, Mull Rating: DP-45, Mull Cut: Straight

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 34 1/2 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Unit:2-Direct Set Exact Size: 48 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

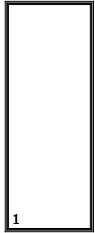
Overall Rating: DP-45

Total Weight 519 lbs.

41 CE

6 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 46 X 120

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 46 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,Strength:Annealed Glass

Overall Rating: DP-70

Total Weight 269 lbs.

42 CA, CB

5 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 48 X 108

Color:Black,Paint Type:2604,Interior Color:Black,

Glass:Energy3S (Triple Silver),Capillary Tube,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Unit:1-Direct Set Exact Size: 48 X 108,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

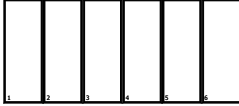
**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 253 lbs.

43 CD

6 EA

Quaker Unit

**Series:** C600**Exact Size:** 274 1/4 X 120

**Model :** 6 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-5:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Mull Cut:** Straight

**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:1-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:3-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:4-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:5-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:6-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \***

**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating: DP-40**

Total Weight 1734 lbs.

44 CH Left

1 EA

Quaker Unit

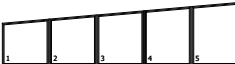
**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 184 1/2 X 41**Overall Size:** 185 1/2 X 41**Model :** Pitch Left 4 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8", **Space Mull 1 Right**Cityline Stack Mull,**Factory Apply Spacer Mull:** No - Precut and Ship Loose,**CutAngle Spacer****Mull 1 :** Straight, **Dimension Add Spacer Mull 3:** Not Available,**Perimeter Acc Color:**Black,**Unit:1-**Trapezoid Left **Exact Size:** 45 3/8 X 36 3/4,**Short Height:**35 5/16,**Pitch:**0.375/12,**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating:** DP-70**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:2-**Trapezoid Left **Exact Size:** 45 3/8 X 38 1/8,**Short Height:**36 3/4,**Pitch:**0.375/12,**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating:** DP-70**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:3-**Trapezoid Left **Exact Size:** 45 3/8 X 39 5/8,**Short Height:**38 1/8,**Pitch:**0.375/12,**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:4-**Trapezoid Left **Exact Size:** 45 3/8 X 41, **Overall Size:** 46 3/8 X 41,**Short Height:**39 5/8,**Pitch:**0.375/12,**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 290 lbs.

45 CH Right

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 230 7/8 X 61 5/16**Model :** Pitch Left 5 wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Mull Cut:** Straight

**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-**Trapezoid Left **Exact Size:** 45 3/8 X 45,**Short Height:**41,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:2-**Trapezoid Left **Exact Size:** 45 3/8 X 49 1/8,**Short Height:**45 1/8,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:3-**Trapezoid Left **Exact Size:** 45 3/8 X 53 1/8,**Short Height:**49 1/8,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:4-**Trapezoid Left **Exact Size:** 45 3/8 X 57 1/4,**Short Height:**53 1/4,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:5-**Trapezoid Left **Exact Size:** 45 3/8 X 61 5/16,**Short Height:**57 3/8,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 499 lbs.

46	CHLeft	1	EA	Quaker Unit
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**Series:** C600

**Exact Size:** 48 X 120  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***

**Unit:1-**Direct Set **Exact Size:** 48 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Overall Rating: DP-70**

Total Weight 280 lbs.

47	CH Right	1	EA	Quaker Unit
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Series: C600

Exact Size: 144 X 120

Model : 3 Wide - Define Overall Width 1/3-1/3-1/3, **Ship Mulls** - **Vertical Mull-1**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-2**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Mull Cut: Straight**  
**Color**:Black,**Paint Type**:2604,**Interior Color**:Black,  
**Glass**:Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth**:4 1/8",

Unit:1-Direct Set Exact Size: 47 5/16 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength**:Annealed Glass

Unit:2-Direct Set Exact Size: 47 3/8 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength**:Annealed Glass

Unit:3-Direct Set Exact Size: 47 5/16 X 120,

NFRC - U-Factor:0.32SHGC:0.25VT:0.55AL:≤0.3CR:62

NFRC Stickers

Rating: DP-70\*G \*

Fixed Glass:Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength**:Annealed Glass

Overall Rating: DP-40

Total Weight 890 lbs.

48	Cl top	1	EA	Quaker Unit
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\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 274 1/4 X 61 5/8

Model : 6 Wide,**Ship Mulls** - **Vertical Mull-1**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-2**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-3**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-4**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-5**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Mull Cut: Straight**  
**Color**:Black,**Paint Type**:2604,**Interior Color**:Black,  
**Glass**:Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth**:4 1/8",

Unit:1-Direct Set Exact Size: 44 7/8 X 61 5/8,

NFRC - U-Factor:0.32SHGC:0.25VT:0.56AL:≤0.3CR:47

NFRC Stickers

Rating: DP-70\*G

Fixed Glass:Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength**:Annealed Glass



**Unit:2-Direct Set Exact Size:** 44 7/8 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:3-Direct Set Exact Size:** 44 7/8 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:4-Direct Set Exact Size:** 44 7/8 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:5-Direct Set Exact Size:** 44 7/8 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:6-Direct Set Exact Size:** 44 7/8 X 61 5/8,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 714 lbs.

49	Cl bot	1	EA	Quaker Unit
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**\*\* Viewed From Exterior \*\***

**Series:** C600

**Exact Size:** 274 1/4 X 120

**Model :** 6 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Vertical Mull-5:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-40, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 44 7/8 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 44 7/8 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62

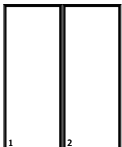
**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:3-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:4-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:5-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:6-Direct Set Exact Size:** 44 7/8 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating: DP-40**

Total Weight 1734 lbs.

50 CJ

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\*****Series:** C600**Exact Size:** 96 X 193**Model :** Pitch Right 2 Wide 2 Top Stack,**Ship Mulls - Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-5**, Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve Rating**Horizontal Mull-2:**DeadAirSpace 12", **Horizontal Mull-3:**DeadAirSpace 12", **Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:1-Direct Set Exact Size:** 47 1/2 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 47 1/2 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:3-Trapezoid Right Exact Size:** 47 1/2 X 61,**Short Height:**58 1/8,**Pitch:**0.75/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:4-Trapezoid Right Exact Size:** 47 1/2 X 58 1/8,**Short Height:**55 5/16,**Pitch:**0.6875/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 802 lbs.

51 CK

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 118 13/16 X 42

Overall Size: 119 13/16 X 42

**Model :** Pitch Right 3 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Mull Cut:** Straight

**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8", **Space Mull 1 Left**Cityline Stack Mull,**Factory Apply Spacer Mull: No** - Precut and Ship Loose,**CutAngle Spacer****Mull 1** : Straight, **Dimension Add Spacer Mull 3:** Not Available,**Perimeter Acc Color:**Black,

**Unit:1-Trapezoid Right Exact Size:** 38 15/16 X 42, **Overall Size:** 39 15/16 X 42,**Short Height:**41 1/8,**Pitch:**0.25/12,

**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:2-Trapezoid Right Exact Size:** 38 15/16 X 41 1/8,**Short Height:**40 1/4,**Pitch:**0.25/12,

**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:3-Trapezoid Right Exact Size:** 38 15/16 X 40 1/4,**Short Height:**39 5/16,**Pitch:**0.3125/12,

**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 204 lbs.

52 CM

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 227 3/4 X 73 7/16

**Model :** 5 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-70, **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 44 3/4 X 73 7/16,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 44 3/4 X 73 7/16,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:3-Direct Set Exact Size:** 44 3/4 X 73 7/16,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:4-Direct Set Exact Size:** 44 3/4 X 73 7/16,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Unit:5-Direct Set Exact Size:** 44 3/4 X 73 7/16,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating:** DP-70

Total Weight 694 lbs.

53 CN

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\***

Series: C600

Exact Size: 48 X 191

**Model :** 1 Wide Top Stack, **Ship Mulls** - **Horizontal Mull-1:**Opticore Stack Mull - Cityline, **Mull Rating:** DP-70, **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 48 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

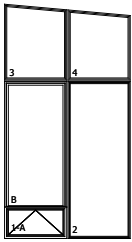
**Unit:2-Trapezoid Right Exact Size:** 48 X 70,**Short Height:**63 1/8,**Pitch:**1.75/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 414 lbs.

54 CO

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

**Series:** C600

**Exact Size:** 96 X 179  
**Model :** Pitch Right 2 Wide 2 Top Stack,**Ship Mulls - Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-5,**  
 Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve Rating**Horizontal Mull-2:**DeadAirSpace 1", **Horizontal Mull-3:**DeadAirSpace 1", **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",  
**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-2 - Cont Frame - 2 Tall**

**1A-**Vent - Awning Roto 4 Bar,**1B-**Fixed,

**Exact Size:** 47 1/2 X 120,**Row 1 Height:**24,**SecA:** **Not Egress,**  
**NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57  
**NFRC Stickers**  
**Rating: DP-65\*G \***  
**Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass  
**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 47 1/2 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:3-Trapezoid Right Exact Size:** 47 1/2 X 58,**Short Height:**53 3/4,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:4-Trapezoid Right Exact Size:** 47 1/2 X 53 5/8,**Short Height:**49 3/8,**Pitch:**1.0625/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47

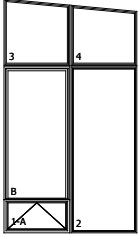
**NFRC Stickers****Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass**Overall Rating: DP-65**

Total Weight 760 lbs.

55 CP

1 EA

Quaker Unit

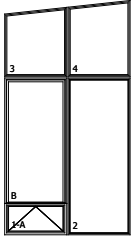
**Series:** C600**Exact Size:** 96 X 169**Model :** Pitch Right 2 Wide 2 Top Stack,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-5, Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve Rating**Horizontal Mull-2:**DeadAirSpace 1", **Horizontal Mull-3:**DeadAirSpace 1", **Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,**Install Acc:**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:**1-2 - Cont Frame - 2 Tall**1A-**Vent - Awning Roto 4 Bar,**1B-**Fixed,**Exact Size:** 47 1/2 X 120,**Row 1 Height:**24,SecA: **Not Egress,****NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57**NFRC Stickers****Rating:** DP-65\*G \***Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass**Unit:**2-Direct Set **Exact Size:** 47 1/2 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:**3-Trapezoid Right **Exact Size:** 47 1/2 X 48,**Short Height:**43 5/8,**Pitch:**1.125/12,**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:**4-Trapezoid Right **Exact Size:** 47 1/2 X 43 1/2,**Short Height:**39 1/16,**Pitch:**1.125/12,**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating:** DP-70\*G**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Overall Rating: DP-65**

Total Weight 707 lbs.

56 CQ

1 EA

Quaker Unit



Series: C600

Exact Size: 96 X 179 3/8

**Model** : Pitch Left 2 Wide 2 Top Stack, **Ship Mulls** - **Vertical Mull-1**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating**: DP-5, Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve Rating **Horizontal Mull-2**:DeadAirSpace 1", **Horizontal Mull-3**:DeadAirSpace 1", **Mull Cut**: Straight

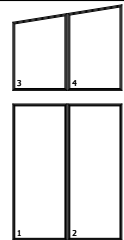
**Color**:Black,**Paint Type**:2604,**Interior Color**:Black,**Glass**:Energy3S (Triple Silver),Capillary Tube,**Hardware**:Black,**Vent**:4 Bar - Roto,**Ship Hardware**:Separate,**AWN Limit Stop**:STD - Vent Limit Travel**AWN Limitstop Dim** :4",**Screen**:Flex Screen,**Material**:Flex Screen,**Ship**:Ship Screen Separate,**Install Acc**No Nailing Fin,**Frame Depth**:4 1/8",**Unit**:1-2 - Cont Frame - 2 Tall**1A**-Vent - Awning Roto 4 Bar,**1B**-Fixed,**Exact Size**: 47 1/2 X 120,**Row 1 Height**:24,**SecA**: **Not Egress**,**NFRC** - **U-Factor**:0.33**SHGC**:0.19**VT**:0.44**AL**:≤0.3**CR**:57**NFRC Stickers****Rating**: DP-65\***G** \***Bottom Glass**:Cardinal LowE 366 - DSB / Clear - DSB,**Strength**:Annealed Glass**Top Glass**:Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength**:Annealed Glass**Unit**:2-Direct Set **Exact Size**: 47 1/2 X 120,**NFRC** - **U-Factor**:0.32**SHGC**:0.25**VT**:0.55**AL**:≤0.3**CR**:62**NFRC Stickers****Rating**: DP-70\***G** \***Fixed Glass**:Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength**:Annealed Glass**Unit**:3-Trapezoid Left **Exact Size**: 47 1/2 X 53 1/8,**Short Height**:48,**Pitch**:1.3125/12,**NFRC** - **U-Factor**:0.32**SHGC**:0.25**VT**:0.56**AL**:≤0.3**CR**:47**NFRC Stickers****Rating**: DP-70**Fixed Glass**:Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength**:Annealed Glass**Unit**:4-Trapezoid Left **Exact Size**: 47 1/2 X 58 3/8,**Short Height**:53 1/4,**Pitch**:1.3125/12,**NFRC** - **U-Factor**:0.32**SHGC**:0.25**VT**:0.56**AL**:≤0.3**CR**:47**NFRC Stickers****Rating**: DP-70\***G****Fixed Glass**:Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength**:Annealed Glass**Overall Rating**: DP-65

Total Weight 773 lbs.

57 CR

1 EA

Quaker Unit



Series: C600

Exact Size: 96 X 207 3/8

**Model** : Pitch Left 2 Wide 2 Top Stack, **Ship Mulls** - **Vertical Mull-1**:M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating**: DP-5, Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve Rating **Horizontal Mull-2**:DeadAirSpace 12", **Horizontal Mull-3**:DeadAirSpace 12", **Mull Cut**: Straight

**Color**:Black,**Paint Type**:2604,**Interior Color**:Black,**Glass**:Energy3S (Triple Silver),Capillary Tube,**Install Acc**No Nailing Fin,

**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 47 1/2 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 47 1/2 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:3-Trapezoid Left Exact Size:** 47 1/2 X 67 5/8,**Short Height:**60,**Pitch:**1.9375/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating:** DP-70\*G  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

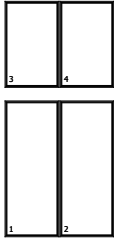
**Unit:4-Trapezoid Left Exact Size:** 47 1/2 X 75 3/8,**Short Height:**67 3/4,**Pitch:**1.9375/12,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating:** DP-70\*G  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating:** DP-70  
 Total Weight 858 lbs.

58 CS

1 EA

Quaker Unit



**Series:** C600

**Exact Size:** 96 X 208

**Model :** 2 Wide 2 Top Stack,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-5,  
 Mull 1 Rating is Less Than 20, Structural Mulls Are Available to Improve Rating**Horizontal Mull-2:**DeadAirSpace 12", **Horizontal Mull-3:**DeadAirSpace 12", **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 47 1/2 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 47 1/2 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating:** DP-70\*G \*  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass



**Unit:3-Direct Set Exact Size:** 47 1/2 X 76,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Unit:4-Direct Set Exact Size:** 47 1/2 X 76,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 876 lbs.

59	CT	1	EA	Quaker Unit
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**Series:** C600

**Exact Size:** 48 X 208  
**Model :** 1 Wide Top Stack, **No Mull Parts - Framed Separate**  
**Horizontal Mull-1:**DeadAirSpace 12"  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**\*\* Viewed From Exterior \*\***

**Unit:1-Direct Set Exact Size:** 48 X 120,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62  
**NFRC Stickers**  
**Rating: DP-70\*G \***  
**Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 48 X 76,  
**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.56**AL:**≤0.3**CR:**47  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - 5/32 / Clear - 5/32,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
Total Weight 415 lbs.

60	CU	1	EA	Quaker Unit
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**\*\* Viewed From Exterior \*\***

**Series:** C600

**Exact Size:** 267 1/2 X 47 7/16  
**Model :** 6 Wide,**Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-5:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 48 X 47 7/16,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:2-Direct Set Exact Size:** 48 X 47 7/16,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:3-Direct Set Exact Size:** 48 X 47 7/16,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:4-Direct Set Exact Size:** 48 X 47 7/16,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70\*G**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:5-Direct Set Exact Size:** 35 1/4 X 47 7/16,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

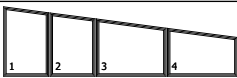
**Unit:6-Direct Set Exact Size:** 35 1/4 X 47 7/16,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**  
**Rating: DP-70**  
**Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Overall Rating: DP-70**  
 Total Weight 497 lbs.

61 CV Top

1 EA

Quaker Unit



\*\* Viewed From Exterior \*\*

Series: C600

Exact Size: 161 X 47 7/8

**Model :** Pitch Right 4 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-70, Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Trapezoid Right Exact Size:** 31 X 47 7/8,**Short Height:**43 3/4,**Pitch:**1.625/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63  
**NFRC Stickers**

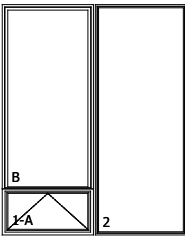
**Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:2-Trapezoid Right Exact Size:** 31 X 43 5/8,**Short Height:**39 5/8,**Pitch:**1.5625/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:3-Trapezoid Right Exact Size:** 48 X 39 1/2,**Short Height:**33 1/8,**Pitch:**1.625/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating: DP-70\*G****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Unit:4-Trapezoid Right Exact Size:** 48 X 33,**Short Height:**26 3/4,**Pitch:**1.5625/12,  
**NFRC - U-Factor:**0.33**SHGC:**0.24**VT:**0.57**AL:**≤0.3**CR:**63**NFRC Stickers****Rating: DP-70****Fixed Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Overall Rating: DP-70**

Total Weight 264 lbs.

62 CV Bot

1 EA

Quaker Unit

**\*\* Viewed From Exterior \*\*****Series: C600****Exact Size:** 96 X 120**Model :** 2 Wide - Define Overall Width,**Ship Mulls - Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating: DP-45,**  
**Mull Cut:** Straight**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,**Glass:**Energy3S (Triple Silver),Capillary Tube,**Hardware:**Black,**Vent:**4 Bar - Roto,**Ship Hardware:**Separate,**AWN Limit Stop:**STD - Vent Limit Travel**AWN Limitstop Dim :**4",**Screen:**Flex Screen,**Material:**Flex Screen,**Ship:**Ship Screen Separate,**Install Acc**No Nailing Fin,**Frame Depth:**4 1/8",**Unit:1-2 - Cont Frame - 2 Tall****1A-Vent - Awning Roto 4 Bar,1B-Fixed,****Exact Size:** 47 1/2 X 120,**Row 1 Height:**24,**SecA:** **Not Egress,****NFRC - U-Factor:**0.33**SHGC:**0.19**VT:**0.44**AL:**≤0.3**CR:**57**NFRC Stickers****Rating: DP-65\*G \*****Bottom Glass:**Cardinal LowE 366 - DSB / Clear - DSB,**Strength:**Annealed Glass**Top Glass:**Cardinal LowE 366 - 3/16 / Clear - 3/16,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 47 1/2 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating: DP-70\*G \*****Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating: DP-45**

Total Weight 558 lbs.

63 CW

1 EA

Quaker Unit



Series: C600

Exact Size: 288 1/8 X 120

**Model :** 6 Wide, **Ship Mulls** - **Vertical Mull-1:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Vertical Mull-2:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Vertical Mull-3:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Vertical Mull-4:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Vertical Mull-5:**M24502\_23056\_23058 - Opticore 1" T-Mull, **Mull Rating:** DP-40, **Mull Cut:** Straight  
**Color:**Black,**Paint Type:**2604,**Interior Color:**Black,  
**Glass:**Energy3S (Triple Silver),Capillary Tube,  
**Install Acc**No Nailing Fin,  
**Frame Depth:**4 1/8",

**Unit:1-Direct Set Exact Size:** 47 3/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:2-Direct Set Exact Size:** 47 3/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:3-Direct Set Exact Size:** 47 3/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:4-Direct Set Exact Size:** 47 3/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:5-Direct Set Exact Size:** 47 3/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Unit:6-Direct Set Exact Size:** 47 3/16 X 120,**NFRC - U-Factor:**0.32**SHGC:**0.25**VT:**0.55**AL:**≤0.3**CR:**62**NFRC Stickers****Rating:** DP-70\*G \***Fixed Glass:**Cardinal LowE 366 - 1/4 / Clear - 1/4,**Strength:**Annealed Glass**Overall Rating:** DP-40

Total Weight 1807 lbs.

Quote Name: Sommet Blanc

Quote #: SQMQU000001\_1

64	1	EA	Order Items	\$0.00	\$0.00
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Total Sqft : 32792.12  
Total Perimeter : 15352.16 Feet  
Total Windows : 887  
Total Drops : 1169  
Total Weight : 228943

All Prices in USD

My Cost

Estimated Tax (if included) 0.000 % \$0.00

Total Quote Value

Additional Charges

Qty	Description	Amount	Extended
1.00	Shop Drawings (this covers initial shop drawings and 1 revision. Additional revisions \$125 per page)		
1.00	Job site delivery (additional delivery charges may be added once a full takeoff is provided.)		
1.00	Break Metal 16" 1 bend (Priced 48" Wide)		
Additional Charge SubTotal			
Estimated Tax (if included)		0.000 %	\$0.00
Additional Charge Total			

Quote Grand Total  
(may be subject to sales tax)

Differential

Add - Cardinal 366 - i89

Add - All Tempered



**Terms:**

- CUSTOMER REVIEW: This quote is based on the products as listed. Customer must review quote and verify, including but not limited to: quantities, sizes, types, finishes, glazing, and adherence to specifications and job requirements and any relevant local or national codes.
- PRICE ADJUSTMENTS: Quaker reserves the right to adjust its pricing in any of the following circumstances:
  - if this quote expires prior to Customer approval;
  - if changes are made to quantities, products, or other terms and conditions of this quote;
  - if the Customer requests delivery dates extending beyond agreed timeframes or beyond 6 months from the date of this quote;
  - if the order is not fully defined for entry, with approved shop drawings, within 60 days after Customer submits its purchase order or otherwise approves this quote; or
  - in the event of any extraordinary increase in cost associated with manufacturing, supplying, or distributing the quoted products, upon notice to the Customer at any time prior to Quaker's entry of Customer's order.
- ORDERING PROCESS: This quote is an offer by Quaker Window Products Co. ("Quaker"), a Missouri corporation, to sell to the Customer the products described herein at the prices indicated, subject to the terms and conditions stated in this document, including the referenced Quaker warranty and the limitations of liability described therein. Unless otherwise agreed, this offer shall expire after the quote availability date listed on the quote. In order to accept such offer, and before Quaker begins to fabricate such products, Customer must:
  - Review and approve this quote;
  - Provide any additional details or information Quaker requires regarding the job or the Customer;
  - If applicable, complete and submit a credit application subject to approval by Quaker's credit department; and
  - If applicable, submit approved Shop Drawings which are incorporated into the order. Final Price is based on approved shop drawings, if applicable.
- Quaker's entry of a sales order will serve to acknowledge completion of these steps. Any purchase order or other document that Customer may use to indicate acceptance of this quote, shall be considered for Customer's internal purposes only, and notwithstanding any language to the contrary in any such document, any resulting order shall remain subject to the governing terms and conditions stated in this quote. Quaker expressly objects to, and does not accept, any conflicting, modified, or additional terms or conditions proposed by Customer unless such proposed terms and conditions are specifically approved in writing by Quaker's credit department, legal counsel, or an appropriate officer of the company.
- TAXES: Unless otherwise indicated, sales or use taxes are not included in this quote. If taxes are not included, it shall be Customer's responsibility to ensure payment of any applicable state, municipal, or local sales or use or other taxes, and Customer shall indemnify Quaker against any claimed failure to pay such taxes when due.
- PAYMENT TERMS: Payment terms are subject to approval by Quaker's credit department, based in part on Customer's credit application and its terms and conditions, including interest of 18% per annum plus all costs of collection, such as attorney fees and court costs. It is understood and agreed that the goods quoted are specially manufactured or fabricated to order, and will be paid for by Customer in accordance with these terms and conditions.
- LEAD TIME ESTIMATES: Any lead times provided are estimates only. An estimated delivery date will be established by Quaker and communicated to Customer once the sales order is entered. Quaker shall not be responsible for any delay damages or any other associated costs resulting from the delivery of goods after the estimated delivery date.
- CHANGE ORDERS: If the Customer requests any change to an order more than 24 hours after submitting approved shop drawings or otherwise placing an order, then the Customer will be responsible for all costs incurred by Quaker in processing such change, and Quaker may require submittal of a written change order documenting the requested changes.
- WARRANTY: The sale of the quoted products is subject to the [Quaker's Standard Limited Commercial Warranty dated 1/1/2022](#), which contains the relevant manufacturer's warranty and various limitations of liability, and is hereby incorporated by reference. This warranty may be enclosed with this quote and is available at [www.quakerwindows.com/warranty-information/](http://www.quakerwindows.com/warranty-information/). Customer will provide this warranty to the end user as appropriate. This warranty is not applicable to orders involving parts or service for purposes of repair or replacement.
- UNDELIVERABLE PRODUCT STORAGE FEE: If Customer is not willing or able to accept delivery of an order that is ready for shipment, then for any delivery delayed by more than 14 calendar days from the estimated delivery date, an undeliverable product storage fee of \$1,000 per trailer per week will be added to the order, which may be invoiced at that time. For deliveries delayed beyond 4 weeks, such fee shall increase to \$1,500 per week.
- DELIVERY & DETAINAGE FEE: Upon delivery, the Driver is responsible for removing straps and otherwise preparing products to be unloaded, unless Customer performs such tasks. Upon request, Customer must assist Driver inside the trailer when necessary to handle large items or otherwise ensure safety and avoid product damage. Customer will provide Driver sufficient opportunity to scan each item in an orderly fashion during the unloading process, in order to properly document which items were delivered and whether any products were damaged during transit. Any damaged product must be photographed and documented using Driver's electronic scanner or the paper delivery ticket. Customer is responsible for inspecting products during delivery, and unloading products from the trailer in a safe and efficient manner. If Customer is unable or unwilling to do so, and the Driver opts to assist or unload such products, then Customer assumed all risk and shall be responsible for any resulting damage or loss. If offloading time exceeds 4 hours for a full trailer at a jobsite, or 2 hours for other deliveries, then Customer will be responsible for payment of detention fees in the amount of \$150 per hour. Quaker is not responsible for any product loss or damage occurring after delivery.
- PRODUCT HANDLING & STORAGE: Customer is solely responsible for proper handling and storage of the product after delivery. In order to retain warranty coverage, products must be stored in an upright and secured position not exposed to outside weather, both during and after delivery. Specifically, QUAKER window and door units must be kept in an upright / vertical position, and may be damaged by laying in a flat or horizontal position. For pre-fabricated wall panels, such panels must be erected and installed before QUAKER window and door units are installed and incorporated into the building envelope.

- **PRODUCT RATING INFORMATION:** Individual units greater than gateway size may have a reduced rating per Quaker's calculations based on AAMA 2502-07 Comparative Analysis Procedure for Window and Door Products. Overall Design Pressure of mulls/assemblies may be less than the computed values of individual units per Quaker's calculations based on AAMA 450-10 Voluntary Performance Rating Method for Mull Fenestration Assemblies. Thermal ratings are based on NFRC test size.
- If relevant, additional charges may apply for any mockups, shop drawings, P.E. Stamps, Engineering and/or anchorage calculations, or job specific testing.
- If relevant, product testing charges may be \$2,500 to \$5,000 per test/calculation (cost varies per architect's job specific requirements) and shall be the responsibility of the Customer.
- Any vertical or horizontal mulling system is designed for lateral wind loading only and does not provide structural down loading. Headers must be sized to allow for a maximum deflection of 1/8 of an inch. Please consult an architect or engineer for design requirements and building code compliance, particularly when combining multiple units together.
- **FIELD TESTING:** In order to be warranted for performance by Quaker, any field testing of QUAKER products must be conducted as specified in the above-described warranty.
- **FORCE MAJEURE:** Quaker will not be liable for any nonperformance, delay in performance, or damage that results from any cause beyond Quaker's reasonable control, including, without limitation, any: Act of God; pandemic or other public health emergency; act of the Customer; restraint of government, such as embargo or other trade restrictions or governmental regulations or demands (whether or not later proven to be invalid); fire; flood; vehicle accident; strike or other labor disturbance; machinery or equipment breakdown; plant shutdown or slowdown; war; riot; terrorist act; delay in transportation; delays of suppliers or carriers; or inability to obtain necessary labor, materials or manufacturing facilities at customary prices ("Force Majeure Events").
- **CREDIT CARD SURCHARGE:** Payments made by credit card will be assessed a surcharge of at least 3%.
- **COASTAL AREAS:** In coastal environments, there is greater than normal risk of corrosion or deterioration, which shall not be Quaker's responsibility, except for manufacturing defects causing abnormal corrosion or deterioration beyond what is expected for a coastal environment based on the products selected and proper maintenance. Customer is responsible for appropriate product selection based on the project location.
- **ALTITUDE LIMITATIONS:** Products to be installed over 3,000 feet above sea level are subject to maximum altitude limitations based on the dimensions of the glass, its thickness, and whether it is annealed or tempered. Customer is responsible for confirming that such limitations are not exceeded based on local elevation. Contact Quaker for additional details.
- **SPECIAL COLORS:** Certain colors or finishes (such as dark or special colors, micas, metallics, and high chroma shades of red, orange and yellow) have shortened warranty periods or require a clear top coat to achieve the necessary performance requirements to qualify for full warranty coverage. Please consult your Quaker representative to confirm based on your selection.



***(QUAKER C600 FIXED WINDOW)***

**SECTION 08 51 13 (08520) - ALUMINUM WINDOWS**

**PART 1 GENERAL**

**1.01 SUMMARY**

**A. Section Includes:**

1. Fixed Aluminum Window Units
2. Glass and Glazing for Aluminum Windows.
3. Wood Blocking, Shims, Anchors, Clips, and all accessories necessary for a complete installation furnished and installed.
5. Installation labor, tools, equipment, and services necessary for installation of Aluminum Windows.

**B. Related Sections:**

1. Section 07 62 00 (07620) - Sheet Metal Flashing and Trim
2. Section 07 92 00 (07920) - Joint Sealants
3. Section 08 80 00 (08800) - Glazing

**1.02 REFERENCES**

**A. Aluminum Association (AA)**

1. DAF-45 – “Designation System for Aluminum Finishes”

**B. Fenestration and Glazing Industry Alliance (FGIA) (a.k.a.) American Architectural Manufacturers Association (AAMA):**

1. 101 – “Voluntary Performance Specification for Windows, Skylights and Glass Doors”
2. 502 – “Voluntary Specification for Field Testing of Newly Installed Fenestration Products”

3. 513 – “Voluntary Specification for Standard Laboratory Test Method For Determination Of Forces And Motions Required To Activate Operable Parts Of Operable Windows And Doors In Accessible Spaces”
  4. 611 – “Voluntary Specification for Anodized Architectural Aluminum”
  5. 1503 – “Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections”
  6. 2400 – “Voluntary Specification for Installation of Windows with a Mounting Flange in Stud Frame Construction”
  7. 2604 – “Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels”
  8. 2605 – “Voluntary Specification, Performance Requirements and Test Procedures for Superior Performance Organic Coatings on Aluminum Extrusions and Panels”
  9. CW-10 – “Care and Handling of Architectural Aluminum from Shop to Site”
- C. American National Standards Institute (ANSI) Publications
1. Z97.1 – “Performance Specifications and Methods of Test for Safety Glazing Materials Used in Buildings”
- D. ASTM International (ASTM) Publications:
1. C518 – “Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus”
  2. C1036 – “Standard Specifications for Flat Glass”
  3. C1048 – “Standard Specifications for Heat-Treated Flat Glass – Kind HS, Kind FT Coated and Uncoated Glass”
  4. D3985 – “Standard Test Method for Oxygen Gas Transmission Rate Through Plastic Film and Sheeting Using a Coulometric Sensor”
  5. E90 – “Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements”
  6. E283 – “Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen”

## **SECTION 08 51 13 (08520) – ALUMINUM WINDOWS**

7. E330 – “Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors By Uniform Static Air Pressure Difference”
  8. E331 – “Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors By Uniform Static Air Pressure Difference”
  9. E413 – “Classification for Rating Sound Insulation”
  10. E547 – “Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Differential”
  11. E774 – “Standard Specification for Sealed Insulating Glass Units”
  12. F588 - “Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact”
  13. F1249 – “Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor”
- E. National Glass Association (NGA):
1. “GANA Glazing Manual”
- F. Federal Specifications (FS) Publications:
1. FS-RR-W-365A “Wire Fabric (Insect Screening)”
- G. Insulating Glass Certification Council (IGCC)
- H. National Fenestration Ratings Council (NFRC)
- I. U.S. Consumer Product Safety Commission (CPSC) Publications:
1. 16 CFR Part 1201 “Safety Standard for Architectural Glazing Materials”
- J. Window and Door Manufacturers Association (WDMA) Publications:
1. FGIA/AAMA/WDMA 101/I.S.2/NAFS “Voluntary Performance Specification for Windows, Skylights and Glass Doors”
  2. FGIA/AAMA/WDMA/CSA 101/I.S.2/A440 “Standard/Specification for Windows, Doors and Unit Skylights”

## SECTION 08 51 13 (08520) – ALUMINUM WINDOWS

### **1.03 SUBMITTALS**

- A. Submit "Letter of Conformance" in accordance with Section 01 33 00 (01330) – with the following supporting data:
  - 1. Product data for each type of aluminum window specified, including standard construction details, dimensions of individual components, profiles, finishes, hardware, and accessories.
  - 2. Shop drawings for each type of window specified, including 1/4-inch scale wall elevations, typical unit elevations at 3/4-inch scale details, full size details of typical composite members and the following:
    - a. Panning Details
    - b. Flashing and drainage details.
    - c. Mullion details, including reinforcement and stiffeners.
    - d. Joinery details.
  - 3. Samples: Provide full-size or partial-size sample of window illustrating glazing system, quality of construction and finish.
  - 4. Product certificates signed by the window manufacturer certifying that window units comply with specified performance requirements.
  - 5. Submit certified independent laboratory test reports verifying compliance with all test requirements of 1.05 PERFORMANCE REQUIREMENTS as requested by Architect.

### **1.04 DEFINITIONS**

- A. Performance grade number, included as part of the FGIA/AAMA/WDMA/CSA 101/I.S.2/A440 product designation code, is actual design pressure in pounds force per square foot used to determine structural test pressure and water test pressure.

### **1.05 PERFORMANCE REQUIREMENTS**

- A. Certify that windows have been tested in accordance with American Architectural Manufacturers Association (FGIA/AAMA/WDMA) Specification for Performance Class specified complying with the following performance standards:

1. FGIA/AAMA/WDMA/CSA 101/I.S.2/A440 Performance Requirements:  
Provide aluminum windows of the performance class and grade indicated that comply with FGIA/AAMA/WDMA/CSA 101/I.S.2/A440.
  - a. Performance Class: F- AW
  - b. Performance Grade: 100
2. Structural Test Performance Requirements (ASTM E330):
  - a. Uniform Load Deflection Test: No deflection of any unsupported span L of test unit in excess of L/175 at both a positive and negative load of 100 PSF.
  - b. Uniform Load Structural Test: Unit to be tested at 150 PSF, both positive and negative, with no glass breakage; damage to make windows inoperable; or permanent deformation of any main frame or ventilating member in excess of 0.2% of its clear span.
3. Water Resistance (ASTM E331 and ASTM E547): No uncontrolled water penetration at test pressure indicated.
  - a. Class F-AW-100: 15.00 PSF
4. Air Infiltration (ASTM E283):
  - a. Fixed Windows: Maximum 0.10 CFM per sq./ft. of total exterior surface area, when tested at a static air pressure differential of 6.2 PSF minimum.

B. Project Wind Loads:

***Please specify design wind pressure, both positive and negative required by the governing building code, as calculated from ANSI A58.1, or as determined by boundary layer wind tunnel testing. Minimum for positive and negative pressure = 10.0 p.s.f.***

1. The system shall be designed to withstand the following loads with respect to the plane of the wall:
  - a. Positive pressure of \_\_\_\_ p.s.f. at non corner zones.
  - b. Negative pressure of \_\_\_\_ p.s.f. at non corner zones.
  - c. Negative pressure of \_\_\_\_ p.s.f. at corner zones.

**SECTION 08 51 13 (08520) – ALUMINUM WINDOWS**

## **1.06 QUALITY ASSURANCE**

- A. All window units shall be manufactured by a single source.
  - 1. All windows in any one project must be by the same manufacturer and with comparable frame depth, profile, glazing bite, and installation requirements. Manufacturer must provide a window system that can incorporate all window configurations used on the project.
  - 2. Standards: Requirements for aluminum windows, terminology and standard of performance, and fabrication workmanship are those specified and recommended in FGIA/AAMA/WDMA/CSA 101/I.S.2/A440 and The Aluminum Association (AA).
    - a. Actual Project Window sizes which do not exceed the “Minimum Test Size” as referred to in Gateway Performance Requirements table in (FGIA/AAMA/WDMA/CSA 101/I.S.2/A440) shall be tested and certified at or exceeding the FGIA/AAMA/WDMA/CSA 101/I.S.2/A440 requirements specified in Section 1.05 “PERFORMANCE REQUIREMENTS” above.
    - b. Actual Project Window sizes which exceed the “Minimum Test Size” as referred to in the Gateway Performance Requirements table in (FGIA/AAMA/WDMA/CSA 101/I.S.2/A440) shall be tested and certified to an equal or more stringent Performance Class and to a Performance Grade equal to or exceeding the Project Wind Load as specified.

## **1.07 DELIVERY, STORAGE AND HANDLING**

- A. Transportation and Handling: Transport products by methods to avoid product damage, deliver in undamaged condition in manufacturer’s unopened containers or packaging. Provide equipment and personnel to handle products by method to prevent soiling or damage. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.
- B. Storage and Protection: Store products in accordance with manufacturer’s instructions, with seals and labels intact and legible. Store sensitive products in weather-tight enclosures; maintain with temperature and humidity ranges required by manufacturer’s instruction.

## **1.08 WARRANTIES**

### **A. Aluminum Window Warranty**

1. Products: Submit a written warranty, executed by the window manufacturer, for the following:
  - a. Framing and sash components: A period of (5) year from the date of manufacture, against defective materials and workmanship, including substantial non-compliance with applicable specification requirements and industry standards, which results in premature failure of the windows or parts, outside of normal wear.
  - b. Insulating glass units: A period of (10) years from the date of manufacture, against insulating glass seal failure unrelated to glass breakage.
  - c. In the event windows or components are found defective, manufacturer will repair or provide replacements without charge at manufacturer's option.
  - d. Where applicable, materials which are applied to the face of insulating glass for the purpose of simulating division in glass openings (SDL's) are warranted against detaching from the glass surface for a period of (5) years.
  - e. Finish: Refer to Part 2, Section 2.06 "FINISHES" for warranty requirements.
  - f. Warranty for all components must be direct from the manufacturer (non- pass through) and non- prorated for the entire term. Warranty must be assignable to the non-residential owner, and transferable to subsequent owners through its length.
2. Installation: Submit a written warranty, executed by the window installer, for a period of (1) year from the date of substantial completion, against defective materials or workmanship, including substantial non-compliance with applicable specification requirements, which result in premature failure.
  - a. In the event installation of windows or components is found to be defective, installer will repair or provide replacements without charge at the installer's option.

## **PART 2        PRODUCTS**

### **2.01    MANUFACTURERS**

#### **A. Approved Manufacturers:**

1. Quaker Window Products Company, Inc. (800) 347-0438
  - a. Fixed Window: "C600 Fixed Series"
2. Substitutions: Only pre-approved products specified by the Architect will be acceptable. Submit the following information with proper documentation as required for pre-bid substitution requests, and at least (10) working days prior to bid date.
  - a. Independent test reports certifying that proposed product is in accordance with, and meets all criteria specified in Section 1.05 "PERFORMANCE REQUIREMENTS".
  - b. Drawing details of elevations and sections, and samples in accordance with, and as specified in Section 1.03 "SUBMITTALS".
  - c. Copy of manufacturer's warranty specified in accordance with, and as specified in Section 1.08 "WARRANTIES".
  - d. Any additional information requested by the Architect.

### **2.02    MATERIALS**

#### **A. Aluminum Members:**

1. Extruded aluminum prime billet 6063-T6 alloy for primary components, 6063-T6, or 6061-T6 for structural components, all in accordance with (ASTM B221).

#### **B. Structural Thermal Barrier Construction:**

1. Frame and sash members shall include a structural thermal barrier, applied in the manufacturer's facility, using concealed low-conductance poured-in-place polyurethane in a pre-treated cavity.
2. After proper curing, the aluminum bridge section must be removed to provide an 11/16" minimum separation between interior and exterior metal surfaces.



3. The thermal barrier cavity shall have a manufactured mechanical lock applied consisting of abrading or lancing of the extrusion cavity prior to application of poured-in-place polyurethane.
4. Thermal Break Performance Requirements:
  - a. Thermal conductivity of barrier material: maximum 0.21 BTU-in/(hr-ft<sup>2</sup>-°F) in accordance with (ASTM C 518).
  - b. Systems employing non-structural thermal barriers, or barrier systems absent of a mechanical lock application are not acceptable.

### **2.03 MANUFACTURED UNITS**

- A. Principal window frame members shall have a minimum 0.070" wall thickness.
- B. Window frame depth shall be 4 1/8" minimum.
- C. Glazing: Refer to Section 2.05 "GLASS MATERIALS".

### **2.04 COMPONENTS**

- A. All fasteners, tools, equipment, and other materials necessary for a complete installation shall be furnished by the Contractor.
  1. Aluminum, nonmagnetic stainless steel, epoxy adhesive, or other materials warranted by the manufacturer to be noncorrosive and compatible with all window members, cladding, trim, hardware, anchors, and other components.
- B. Thermoplastic or thermo-set plastic caps, housings, and other components to be injection-molded nylon, extruded PVC, or other suitable compound.

#### ***Optional Item***

1. Sills: Manufacturer's standard exterior sills, as shown on Drawings.

#### ***Optional Item***

- a. Nailing fin: Shall be integral to the frame and consist of extruded aluminum as a manufacturer's standard.
- b. Sill Flashing: manufacturer's standard snap-on type, if required as shown on Drawings.
- 2. Trim: Manufacturer's standard interior snap trims, type as shown on Drawings.
- 3. Mullions: Provide mullions and cover plates as shown, matching window units. Allow for erection tolerances and provide for movement of window units due to thermal expansion and building deflections, as indicated. Provide mullions and cover plates capable of withstanding design loads of window units.

**Optional Item**

4. Muntins:

**Select one of the Muntin options [ item "a." ] below if required**

- a. Internal Muntins:
  - 1) Roll formed aluminum of specified width, located between glass panes within the sealed insulating glass unit.
  - 2) Muntins shall have finish to match color of Window Frame.
- a. Simulated Divided Lite Muntins:
  - 1) Composition shall include:
    - i. Exterior applied extruded aluminum Muntin of specified width, continuously adhered to surface of glass with a high performance acrylic adhesive system.
    - ii. Roll formed aluminum of specified width, located between glass panes within the sealed insulating glass unit.
  - 2) Interior applied extruded aluminum Muntin of specified width, continuously adhered to surface of glass with a high performance acrylic adhesive system.

- 3) Finish of Exterior and Interior applied muntin components shall comply with Section 2.06 "FINISHES".
- 4) Finish color of Exterior and Interior applied muntins, and internal muntins shall match Window Frame.

**Optional Item**

5. Panning:

- a. Provide extruded aluminum panning in accordance with (ASTM B221) by Window Manufacturer, type and size as indicated on Drawings.
- b. Panning shall be cut to fit by Window Manufacturer.
- c. Finish of Panning components shall comply with Section 2.06 "FINISHES", and color shall match Aluminum Windows.

**Optional Item**

6. Receptor System / Subframe:

- a. Provide extruded aluminum, thermally broken Receptor System with Aluminum Windows by Window Manufacturer in accordance with (ASTM B221), as shown on Drawings.
- b. Finish of Receptor System components shall comply with Section 2.06 "FINISHES", and color shall match Aluminum Windows.
- c. Receptor System components shall encompass a complete assembled frame, fastened and sealed independently from window frames prior to window installation according to manufacturer's instructions.

**2.05 GLASS MATERIALS:**

***Please select one of the [ item "A." ] glass types below which is in accordance with design. The recommended Low-Emissivity (Low-E) coating options are listed below; however, if the design requires tinted glass, or another specific type of (Low-E), please choose the blank option and add pertinent information***

A. Clear Float Glass: ASTM C1036, Type 1 (transparent glass, flat), Class 1 (clear), Quality q3 (glazing select) as manufactured by one of the following:

1. Approved Manufacturers:

- a. Cardinal Industries
  - b. Approved Substitution by Architect
- A. Coated Low Emissivity Glass: Type 1 (transparent glass, flat), Class 1 (clear), Quality q3 (glazing select), with coating type and performance characteristics complying with requirements specified below:
  - 1. Low E Coating: Surface #2 on insulated units.
  - 2. Approved Manufacturers:
    - a. “LoE<sup>2</sup>- 272”; Cardinal Industries
    - b. Approved Substitution by Architect.
  - 3. Whole Window U-Value shall be a maximum of .29
  - 4. Solar Heat Gain Coefficient shall be a maximum of .36.
- A. Coated Low Emissivity Glass: Type 1 (transparent glass, flat), Class 1 (clear), Quality q3 (glazing select), with coating type and performance characteristics complying with requirements specified below:
  - 1. Low E Coating: Surface #2 on insulated units.
  - 2. Approved Manufacturers:
    - a. “LoE<sup>3</sup>- 366”; Cardinal Industries
    - b. Approved Substitution by Architect.
  - 3. Whole Window U-Value shall be a maximum of 0.28.
  - 4. Solar Heat Gain Coefficient shall be a maximum of .24.
- A. Coated Low Emissivity Glass: Type 1 (transparent glass, flat), Class 1 (clear), Quality q3 (glazing select), with coating type and performance characteristics complying with requirements specified below:

1. Dual Low E Coating: Insulated dual pane units.
  - a. Surface #2: "LoE<sup>3</sup>-366; Cardinal Industries
  - b. Surface #4: "i89"; Cardinal Industries
2. Approved Manufacturers:
  - a. Cardinal Industries
  - b. Approved Substitution by Architect.
3. Whole Window U-Value shall be a maximum of 0.24.
4. Solar Heat Gain Coefficient shall be a maximum of .24.

*A. (Please specify if none of the above items are selected)*

B. Tempered Glass: Condition A (uncoated surfaces), Type 1 (transparent glass, flat), Class 1 (clear), Quality q3, clear, fully tempered safety glass (meet requirements of ANSI Z97.1).

1. All tempered glass shall conform to ASTM C1048, ANSI Z97.1, and CPSC 16 CFR Part 1201. Tempered glass shall bear permanent monogram indicating tempered quality. Fabrication marks on tempered glass shall be located to be concealed in completed installation.

C. Windows shall be glazed as follows:

1. Sound Transmission Class (STC) (ASTM E413): Provide glazing required for conforming to over all STC ratings as specified for aluminum windows.

<p><b><i>For sound transmission class requirements, please consult Quaker Window Products (800) 347-0438</i></b></p>
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D. Insulating Glass: Manufacturer's standard units that comply with specified quality standards and coatings.

- a. Provide preassembled units consisting of organically sealed panes of glass enclosing a hermetically sealed dehydrated air space and complying with ASTM E774 for performance classification indicated as

well as with other requirements specified for glass characteristics, air space, sealing system, sealant, space material, and desiccants.

1) Total Thickness: 1"

***or specify 1 3/8" for triple glazed/some laminated units***

2) Thickness of Each Pane: as necessary to meet structural performance criteria. ***or specify***

3) Air Space: argon gas filled

***or specify***

***For higher sound transmission class requirements, changes may be required to the highlighted values. Please consult Quaker Window Products (800) 347-0438***

b. Exterior Pane of Glass:

1) Provide tempered glass where shown on Drawings and as required by local codes and ordinances.

c. Insulated Unit Sealing System:

1) Insulating glass unit spacer system must include a secondary dual seal.

## **2.06 FINISHES**

A. Finish of Aluminum Components:

1. Finish of all exposed areas of aluminum windows and components shall be applied in accordance with the appropriate AAMA Voluntary Guide Specification shown below:

***Please select one of the following sets "a., b. & c." below***

- a. High Performance Organic Powder Coating conforming to (FGIA/AAMA 2604), Voluntary Specification, Performance Requirements and Test Procedures which also meets the following standards:
  - 1) Powder Coating resin shall consist of Fluoroethylene Vinyl Ether (FEVE).
  - 2) Coatings which require a chrome based liquid primer or pretreatment are not allowed.
  - 3) Scratch resistance shall meet or exceed a pencil test of H in accordance with (ASTM D3363-00), "Standard Test Method for Film Hardness by Pencil Test."
  - 4) Abrasion resistance shall meet or exceed a Taber abrasion test of 1000 rotations in accordance with (ASTM D4060-14), "Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser".
- b. Finish Warranty Period: 10 years from date of manufacture
- c. Color Selection:
  - 1) Exterior Color: **Please select a color**
  - 2) Interior Color: **Please select a color**

- a. Superior Performance Organic Powder Coating conforming to (FGIA/AAMA 2605), Voluntary Specification, Performance Requirements and Test Procedures which also meets the following standards:
  - 1) Powder Coating resin shall consist of Fluoroethylene Vinyl Ether (FEVE).
  - 2) Coatings which require a chrome based liquid primer or pretreatment are not allowed.
  - 3) Scratch resistance shall meet or exceed a pencil test of H in accordance with (ASTM D3363-00), "Standard Test Method for Film Hardness by Pencil Test".
  - 4) Abrasion resistance shall meet or exceed a Taber abrasion test of 1000 rotations in accordance with (ASTM D4060-14), "Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser".
- b. Finish Warranty Period: **\*\*15 years** from date of manufacture
- c. Color Selection:
  - 3) Exterior Color: **Please select a color**
  - 4) Interior Color: **Please select a color**

- a. Electrolytically Deposited Anodic Coating, Class 1, Designation AAM12C21A44 conforming to (FGIA/AAMA 611)
- b. Finish Warranty Period: 5 years from date of manufacture
- c. Color Selection:
  - 1) Exterior Color: **(clear, champagne, light bronze, medium bronze, dark bronze, or black)**
  - 2) Interior Color: **(clear, champagne, light bronze, medium bronze, dark bronze, or black)**

**SECTION 08 51 13 (08520) – ALUMINUM WINDOWS**



*b) \*\*Optional 20 year warranty is available for Superior Performance Organic Coatings. (AAMA 2605). Full warranty is for a standard, non-metallic and non-exotic color, and may require a clear topcoat in order to comply with full warranty period.*

## **2.07 FABRICATION**

- A. Fabricate windows allowing for minimum clearances and shim spacing around perimeter of assembly, yet enabling installation.
- B. Rigidly fit joints and corners with heavy-duty corner keys. Accurately fit and secure corners tight. Make corner joints flush, hairline, and weatherproof. Seal corner joints with sealant.
- C. Develop drainage holes with moisture pattern to exterior.
- D. Prepare components to receive anchor devices. Fabricate anchorage items.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Site Verification of Conditions:
  - 1. Verify that building substrates permit installation of windows according to the manufacturer's instructions, approved shop drawings, calculations and contract documents.
  - 2. Do not install windows until unsatisfactory conditions are corrected.

### **3.02 INSTALLATION**

- A. Erection of Aluminum Windows
  - 1. Install windows with skilled tradesmen in exact accordance with approved Shop Drawings, Installation Instructions, Specifications, and in accordance with (FGIA/AAMA 101/I.S.2./ A440).
  - 2. Windows must be installed plumb, square, and level for proper weathering and operation. Jambs must not be “sprung”, bowed, or warped during installation.

3. Any uncoated aluminum components of Aluminum Window shall be insulated from direct contact with steel, masonry, concrete, or other dissimilar metals by bituminous paint, zinc chromate primer, nonconductive shims, or other suitable insulating materials.

***Optional Item***

**B. Field Tests**

1. Field testing procedure of installed windows shall be in accordance with AAMA 502.
2. The test pressure used during the field test procedure shall be 2/3 of the rated test pressure of the test specimen in accordance with AAMA 502. There shall be no optional variances over 2/3 used during testing.
3. Initial field testing must be performed prior to no more than 5% of windows have been installed. ***or specify***
4. All field testing expenses shall be at the burden of ***specify***

**3.02 ADJUSTING AND CLEANING**

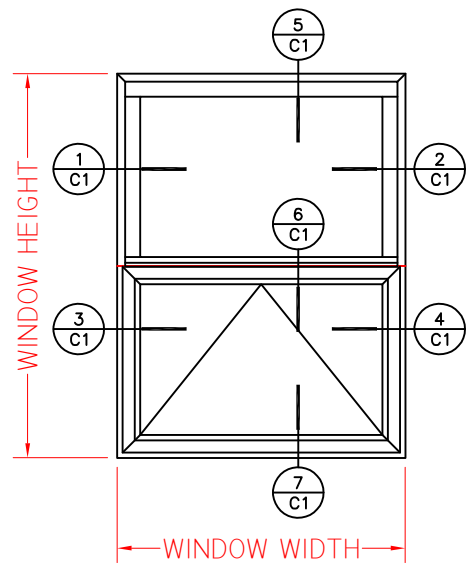
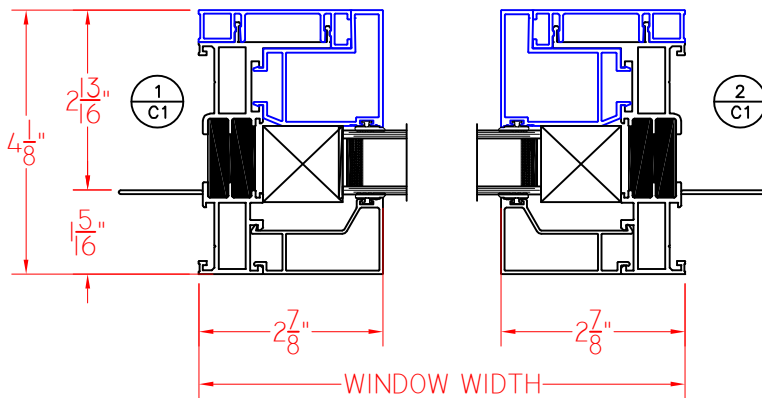
- A. After completion of window installation, windows shall be inspected, adjusted, put into working order and left clean, free of labels, dirt, or other debris. Protection from this point shall be the responsibility of the General Contractor.

**END OF SECTION**

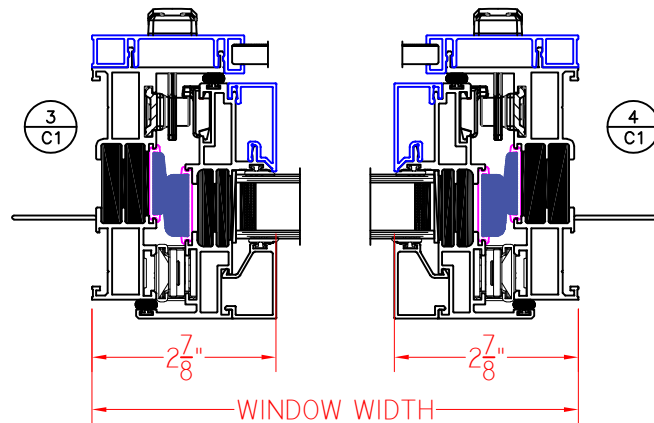
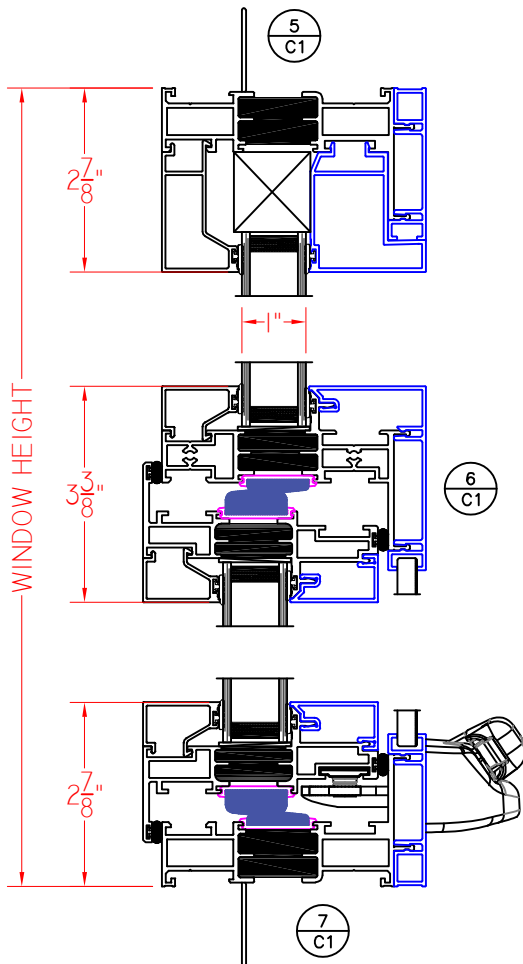


**QUAKER**  
COMMERCIAL WINDOWS AND DOORS

## C600 FIXED ^ AWNING



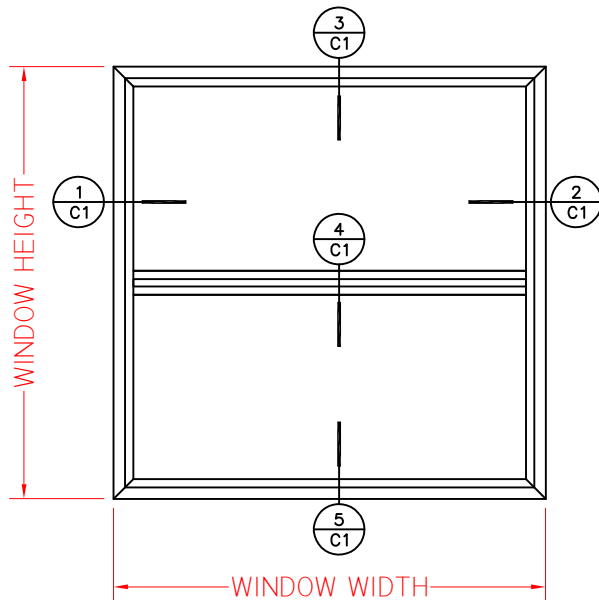
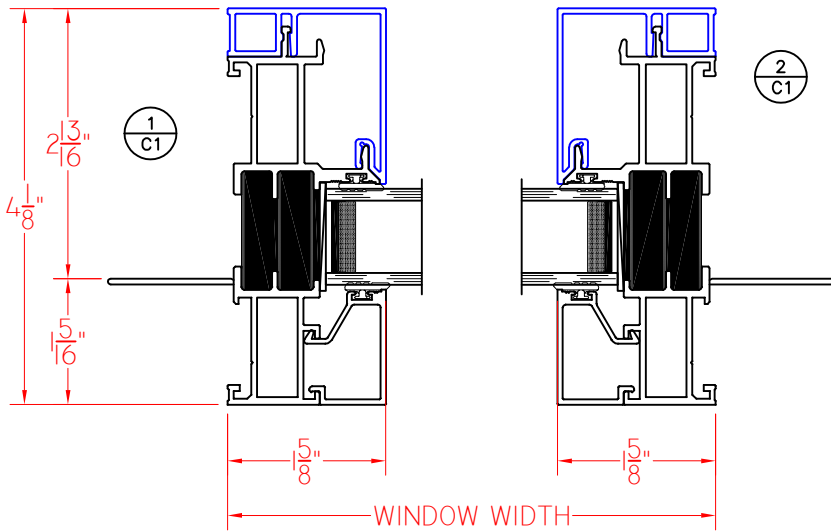
ELEVATION SCALE 1/2" = 1'-0"



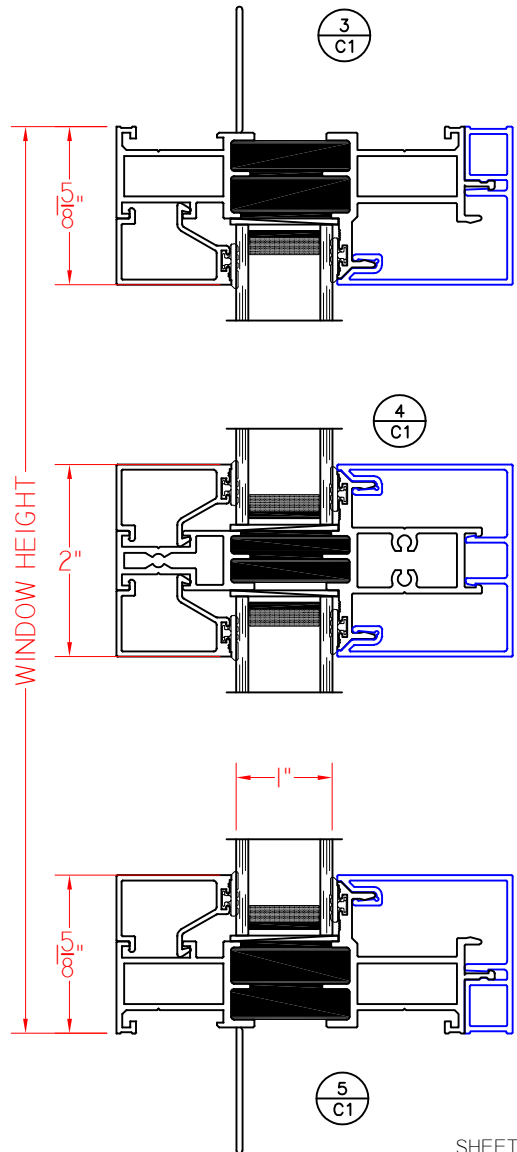


**QUAKER**  
COMMERCIAL WINDOWS AND DOORS

## C600 FIXED ^ FIXED (HORIZ. DOUBLE JAMB)



ELEVATION SCALE 3/4" = 1'-0"

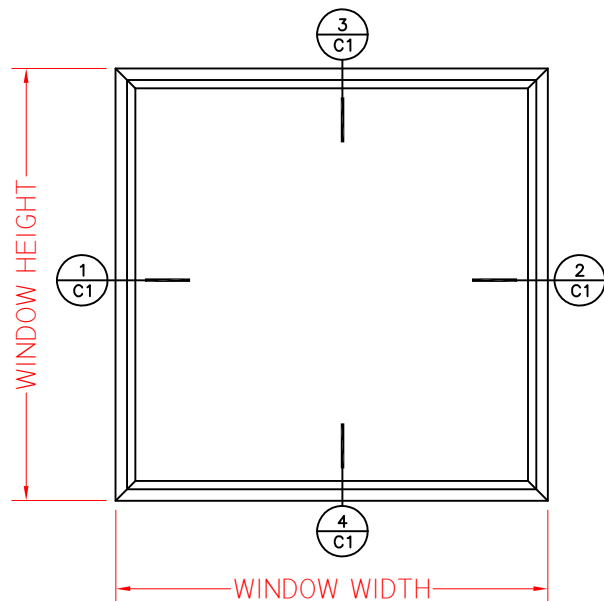
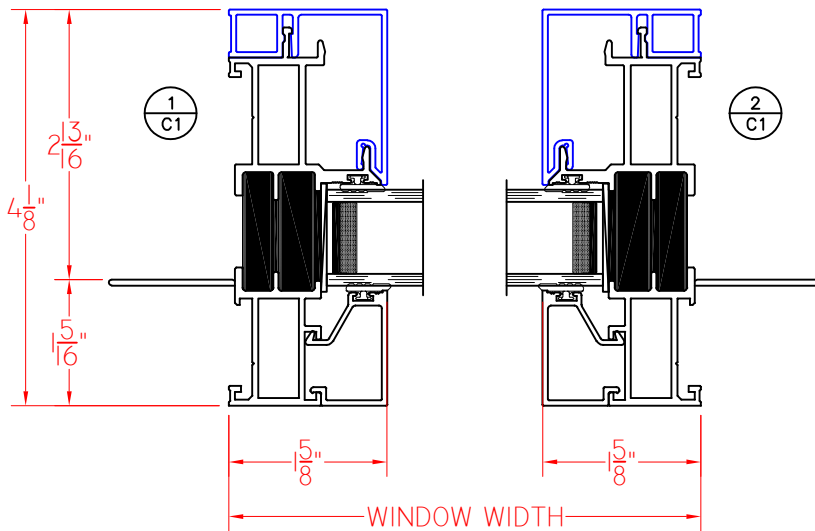




# QUAKER

COMMERCIAL WINDOWS AND DOORS

## C600 FIXED



ELEVATION SCALE  $\frac{3}{4}" = 1'-0"$

