

# Clad Ultimate Double Hung Collection

Unit Features.....	1
Standard Divided Lite Options.....	4
Optional Interior Square Simulated Divided Lite .....	5
Double Hung Variations .....	6



## Clad Ultimate Double Hung Collection

### Unit Features

#### Clad Ultimate Double Hung Collection:

- Clad Ultimate Double Hung: CUDH
- Clad Ultimate Double Hung Picture: CUDHP
- Clad Ultimate Double Hung Transom: CUDHT
- Clad Ultimate Double Hung Round Top: CUDHRT
- Clad Ultimate Double Hung Bows and Bays: CUDHBB

#### Clad Ultimate Double Hung Magnum Collection:

- Clad Ultimate Double Hung Magnum: CUDHM
- Clad Ultimate Single Hung Magnum: CUSHM
- Clad Ultimate Double Hung Magnum Picture: CUDHMP
- Clad Ultimate Double Hung Magnum Transom: CUDHMT

#### Clad Ultimate Round Top Double Hung Magnum Collection:

- Clad Ultimate Round Top Double Hung Magnum: CUDHMRT
- Clad Ultimate Round Top Single Hung Magnum: CUSHMRT
- Clad Ultimate Round Top Double Hung Magnum Picture: CUDHMPT
- Clad Ultimate Round Top Double Hung Magnum Transom: CUDHMTRT

#### Standard Frame:

- Frame thickness: 1 1/16"(17) thick at head and jambs and 1 7/16"(37) thick at sill
- Frame base (with pre-drilled installation holes in jambs): 4 9/16"(116) from backside of nailing fin to interior wood face of frame
- 8 degree bevel on sill
- Curved frames are laminated and/or edge glued pine
- Radius bead is laminated in non finger-jointed pine
- Optional DP50 sill liner maximum size 2830 or 3026

#### Standard Sash:

- Operating Sash and Transom Sash thickness: 1 9/16" (40)
- Picture unit sash thickness 1 7/8"(48)
- All measurement are nominal - Sash: All removable for cleaning, service or finishing
  - CUDH/CUDHT: Bottom of sill to top of wood interior: 2 9/16" (65)
    - Top Rail - 2" (51), Stiles - 1 3/4" (44), Bottom Rail - 3 9/32" (83)
  - CUDHP: Bottom of sill to top of wood interior: 2 9/16" (65)
    - Top Rail - 2" (51), Stiles - 2 7/16" (62), Bottom Rail - 3 13/32" (87)

#### Standard Insect Screens:

- Standard screen is roll formed aluminum
- Aluminum screen: Full screen standard, half screen optional
- Aluminum surround to match exterior frame clad color
- Screen mesh: Charcoal Fiberglass
  - Optional: Charcoal High Transparency Fiberglass Mesh, Charcoal Aluminum Wire, Black Aluminum Wire, Bright Aluminum Wire, or Bright Bronze Aluminum Wire
- Optional Double Hung Magnum screen, extruded aluminum
- Screens have an aluminum crossbar on glass heights of 20" (508) and taller

#### Standard Weather Strip:

- Operating units: Continuous leaf weather strip at head jamb; dual bulb at check rail, weather strip and bottom rail
  - Color: Beige
- Picture units: Continuous weather strip at perimeter; leaf and bulb weather strip at jamb, bulb weather strip at head and sill
  - Color: Beige

#### Magnum Frame:

- Double Hung Magnums has a frame thickness head and jamb: 1 1/16" (17)
- Double Hung Magnums has a sill thickness: 1 7/16"(37)
- Frame base (with pre-drilled installation holes in jambs): 4 9/16"(116) from backside of nailing fin to interior wood face of frame
- 8 degree bevel on sill
- Curved frames are laminated and/or edge glued pine
- Radius bead is laminated in non finger-jointed pine

## Clad Ultimate Double Hung Collection

### Unit Features

#### Magnum Sash:

- All Measurements are Nominal - Sash: All removable for cleaning wood.
  - CUDHM: Sill Liner - 2 13/16 (71); Top Rail - 2" (51); Stiles - 1 3/4" (44); Bottom Rail - 3 9/32" (83)
  - CUDHT: Sill Liner - 2 9/16 (65); Top Rail - 2" (51); Stiles - 1 3/4" (44); Bottom Rail - 2 5/16" (59)
  - CUDHP (2" Sash): Sill Liner - 2 13/16 (71); Top Rail - 2" (51); Stiles - 2 7/16" (62); Bottom Rail - 3 13/32" (87)
  - CUDHM / CUDHMT: Sill Liner - 2 13/16 (71); Top Rail - 2" (51); Stiles - 1 3/4" (44); Bottom Rail - 2 1/2" (64)
  - CUDHMP - Bottom Rail - 3 5/8" (92)

#### Magnum Weather Strip:

- Operating units: Bulb type dual durometer weather strip at the bottom rail. Continuous leaf weather strip at head jamb parting stop, which seals against the top sash. Foam filled bulb weather strip along the length of the top check rail and also along the jambs to seal between the stiles and jambs.
- Color: Beige or White
- Picture units: Continuous weather strip at perimeter; leaf and bulb weather strip at jamb, bulb weather strip at head and sill
  - Color: Beige

#### Magnum Insect Screen:

- Extruded aluminum surround: Full screen standard, half screen optional
- Aluminum surround to match the exterior frame clad color
- Standard screen is Charcoal Hi-Transparency Fiberglass Mesh (CH Hi-Tran)
- Optional screen material: Charcoal Fiberglass Mesh, Black Aluminum Wire, Bright Aluminum Wire, Bright Bronze Wire, Charcoal Aluminum Wire
- Screens have an aluminum crossbar on glass heights of 20"(508) and taller

#### Combination Storm and Sash Screen:

- Frame: extruded aluminum surround .045"(1.1) thick
- Standard colors: Stone White, Bahama Brown, Bronze, Pebble Gray, and Evergreen
- Storm Panel: Select quality glass in an extruded aluminum frame
- Insect screen is Charcoal Aluminum Wire
  - Optional screen mesh: Charcoal Fiberglass Mesh, Black Aluminum Wire, Bright Aluminum Wire, or Bright Bronze Wire
- Optional Charcoal High Transparency Fiberglass Mesh (CH Hi-Tran)
- Weather strip: Pile weather strip between operating panels at the stiles of the main frame
- Hardware: Spring loaded latches to secure the storm panel

#### Glass and Glazing:

- Select quality complying with ASTM C 1036. Insulating glass SIGMA/IGCC certified to perform level CBA when tested in accordance with ASTM E 2190.
  - Glazing method: Insulating glass hermetically sealed
  - Glazing seal: Silicone bedding on the interior, acrylic foam adhesive tape on the exterior
  - Standard glass is insulating Low E2 Argon or air
  - Optional glass types: Clear, Low E1 Argon or air, Low E3 Argon or air, Laminated, Tempered, and Obscure, Bronze tint, Gray tint, and Reflective Bronze.
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations. Argon gas is not available for elevations that require capillary tubes.

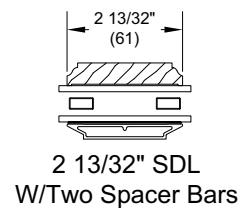
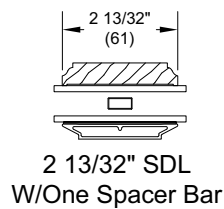
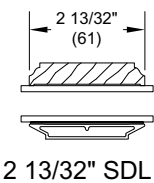
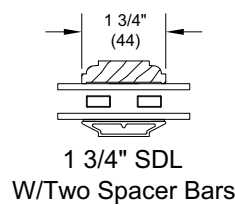
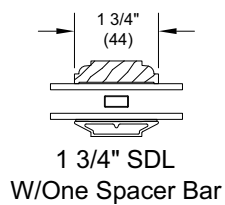
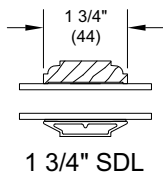
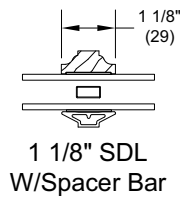
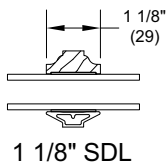
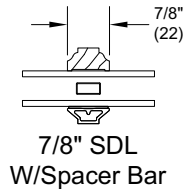
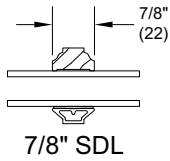
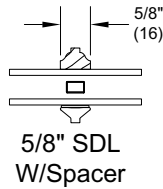
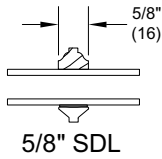
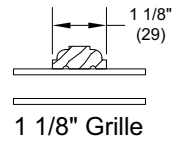
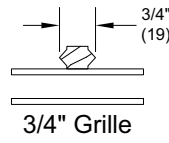
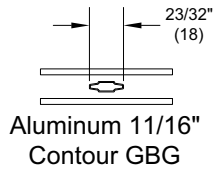
## Clad Ultimate Double Hung Collection

### Unit Features

#### Interior Shade:

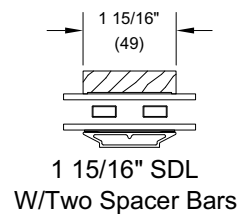
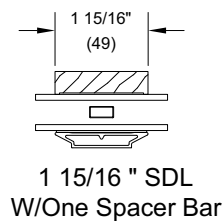
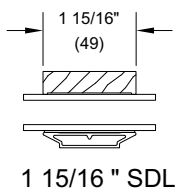
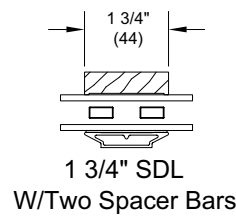
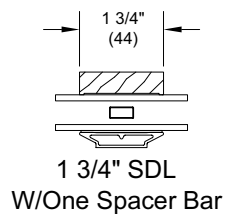
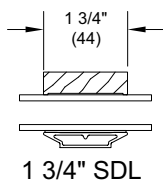
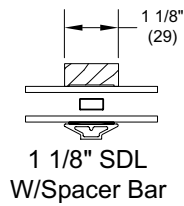
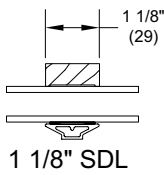
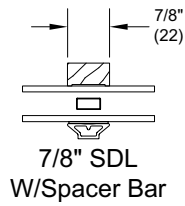
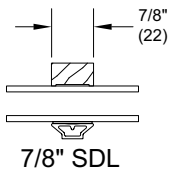
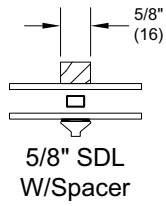
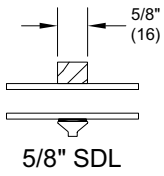
- Cellular shade is attached to the window with a removable surround system that houses the cellular shade system
  - Minimum jamb depth required 5 13/16" (148)
  - Shade cartridge is removable and replaceable
  - Shade control: Top down, bottom up
  - Egress is reduced, see individual chapter for egress formula
- Wood wrapped extruded aluminum cellular shade
  - Single non-fire rated hexagonal honeycomb (cellular) 3/4" (19)
  - Semi-opaque fabric (light filtering)
    - Colors: Driftwood, Marigold, Almond, Rose, Denim, Biscuit, Champagne, Moss, Cinnamon, Silver, White, Stone, Tan, Ivory, Eggshell
  - Opaque fabric (blackout)
    - Colors: White, Stone, Tan, Ivory, Eggshell
- Order options:
  - Ship separate: Shade system packages separate and ships same time as the unit
  - Ship later: Shade system ships at a later date chosen by the customer
    - Shade option must be chosen at the time of unit order
    - Fabric opacity and color can be chosen at later date
- Retro fit: Ordered as a complete shade system through configured parts

**Standard Divided Lite Options**

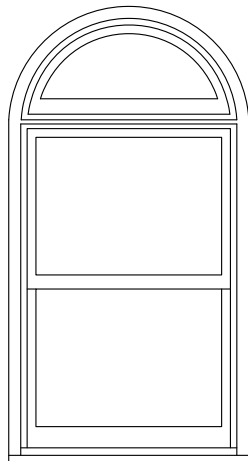


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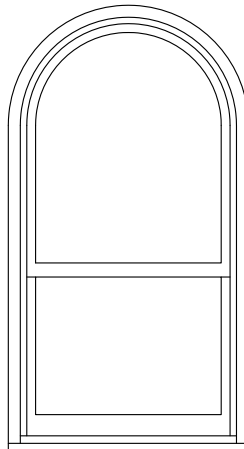
## Optional Interior Square Simulated Divided Lite



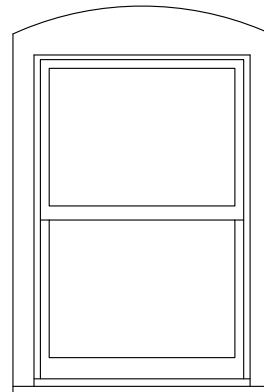
**Double Hung Variations**



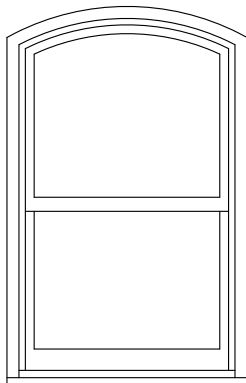
Variation 1



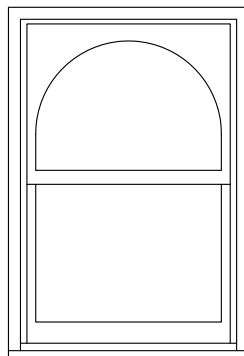
Variation 2



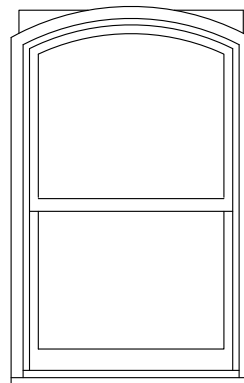
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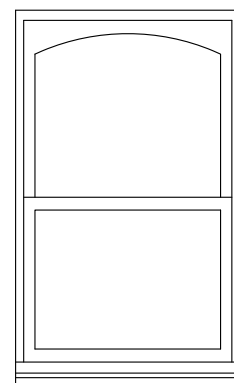
Variation 4



Variation 5



Variation 6  
Exterior View



Variation 6  
Interior View

*Variation 1: In-Sash or Direct Glaze over Clad Ultimate Double Hung or Single Hung, Wood Ultimate Double Hung or Single Hung, or Wood Magnum Double Hung and Single Hung*

*Variation 2: Clad Ultimate Double Hung or Single Hung, Wood Ultimate Double Hung, or Wood Magnum Single Hung*

*Variation 3: Radius Top Casing - Wood Ultimate Double Hung or Single Hung, Wood Magnum Double Hung or Single Hung*

*Variation 4: Clad Ultimate Double Hung or Single Hung, Wood Ultimate Double Hung or Single Hung, Wood Magnum Double Hung or Single Hung*

*Variation 5: Top Sash Radius DLO - Wood Ultimate Double Hung or Single Hung, Wood Magnum Double Hung or Single Hung*

*Variation 6: Square Sash, Casing, Blindstop, and DLO are curved - Wood Ultimate Double Hung or Single Hung, Wood Magnum Double Hung or Single Hung*