# Pinnacle Series
## DOUBLE HUNG - 16" WIDE

### ELEVATIONS

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<th>Frame</th>
<th>2-0 3/4</th>
<th>3-10 1/8</th>
<th>5-7 1/2</th>
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<tbody>
<tr>
<td>16</td>
<td>16</td>
<td>16</td>
<td>16</td>
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</tbody>
</table>

**SCALE:** 1/8" = 1'-0"

### OTHER GRILLE PATTERNS

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

### UNIT SIZE INFORMATION

- **FOR CLAD BRICKMOULD**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height*

- **FOR CLAD WILLIAMSBURG**
  - Add 6 1/2" to frame width
  - Add 3 5/8" to frame height*

- **FOR PRIMED WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - Add 5 5/8" to frame width
  - Add 9 1/16" to frame height*

- **FOR PRIMED 4 1/2" BACKBAND**
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - Add 9 5/8" to frame width
  - Add 5 1/16" to frame height*

- **FOR PRIMED WILLIAMSBURG**
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height*

- **FOR PRIMED PLANTATION**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height*

* Add additional 15/16" for bullnose s.l.
Add additional 1 1/32" for belly sill

**NOTE:**
- Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

---

**NOTES:**
- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 181 brickmold.
# Pinnacle Series
## DOUBLE HUNG - 16" WIDE

**ELEVATIONS**

**SCALE:** 1/8" = 1'-0"

<table>
<thead>
<tr>
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<tbody>
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<td>1-9 3/8</td>
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### Other Grille Patterns
- Prairie
- Plaza
- Diamond

### Unit Size Information

- **For Clad Brickmould**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height*

- **For Clad Williamsburg**
  - Add 6 1/2" to frame width
  - Add 3 5/8" to frame height*

- **For Primed WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height*

- **For Primed 3 1/2" Flat Casing**
  - Add 5 5/8" to frame width
  - Add 3 1/16" to frame height*

- **For Primed 4 1/2" Backband**
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height*

- **For Primed 5 1/2" Flat Casing**
  - Add 9 5/8" to frame width
  - Add 5 1/16" to frame height*

- **For Primed Williamsburg**
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height*

- **For Primed Plantation**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height*

* Add additional 15/16" for bullnose sill
* Add additional 1 1/32" for belly sill

**Notes:**
- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 180 brickmould.

---

8/2/16
Pinnacle Series
DOUBLE HUNG - 20" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

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<td>Other Grille Patterns:</td>
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<tr>
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<td>Plaza</td>
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<tr>
<td>Diamond</td>
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OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 1/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 1/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 3/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
# Pinnacle Series

**DOUBLE HUNG - 20" WIDE**

## Elevations

**Scale:** 1/8" = 1'-0"

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<thead>
<tr>
<th>Glass</th>
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<th>4-6 1/8</th>
<th>6-7 1/2</th>
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<td>4-3 1/2</td>
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<td>2-1 3/8</td>
<td>4-2 3/4</td>
<td>6-4 1/8</td>
</tr>
</tbody>
</table>

### Other Grille Patterns

- **Prairie**
- **Plaza**
- **Diamond**

### Unit Size Information

- **Clad Brickmould**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height

- **Clad Williamsburg**
  - Add 6 1/2" to frame width
  - Add 3 5/8" to frame height

- **Primed WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height

- **Primed 3 1/2" Flat Casing**
  - Add 5 5/8" to frame width
  - Add 3 1/16" to frame height

- **Primed 4 1/2" Backband**
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height

- **Primed 5 1/2" Flat Casing**
  - Add 9 5/8" to frame width
  - Add 3 1/16" to frame height

- **Primed Williamsburg**
  - Add 6 1/8" to frame width
  - Add 2 13/16" to frame height

- **Primed Plantation**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height

- **Primed WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height

*Add additional 15/16" for bullnose sill
*Add additional 1 1/32" for belly sill

### Notes:

- Clad Masonry Openings are for standard frame with no casing.
- Primed Masonry Openings are for standard 180 Brickmold.
Pinnacle Series
DOUBLE HUNG - 24" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 5 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
Pinnacle Series
DOUBLE HUNG - 24" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS
- Prairies
- Plaza
- Diamond

UNIT SIZE INFORMATION
FOR CLAD BRICKMOLD
- Add 2 13/16" to frame width
- Add 1 3/4" to frame height*

FOR CLAD WILLIAMSBURG
- Add 6 1/2" to frame width
- Add 3 5/8" to frame height*

FOR PRIMED WM-180
- Add 2 19/32" to frame width
- Add 1 9/16" to frame height*

FOR PRIMED 3 1/2" FLAT CASING
- Add 5 5/8" to frame width
- Add 3 1/16" to frame height*

FOR PRIMED 4 1/2" BACKBAND
- Add 7 5/8" to frame width
- Add 4 1/16" to frame height*

FOR PRIMED 5 1/2" FLAT CASING
- Add 9 5/8" to frame width
- Add 5 1/16" to frame height*

FOR PRIMED WILLIAMSBURG
- Add 5 1/8" to frame width
- Add 2 13/16" to frame height*

FOR PRIMED PLANTATION
- Add 5 5/8" to frame width
- Add 5 15/16" to frame height*

* Add additional 15/16" for bullnose sill
Add additional 1 1/32" for belly sill

NOTE:
Add 3/4" to unit width & 1/2" to unit height
to calculate masonry opening

NOTES:
- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 180 brickmold.
- Shaded sizes meet most egress requirements verify local codes.

8/2/16
### ELEVATIONS

**Pinnacle Series**

**DOUBLE HUNG - 26" WIDE**

**SCALE: 1/8" = 1'-0"**

<table>
<thead>
<tr>
<th>Max Opg. Primed</th>
<th>Max Opg. Cast</th>
<th>Rough Opg. Cast</th>
<th>Frame</th>
<th>Glass</th>
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<td>2-10 3/4</td>
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<td>6-14</td>
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<td>2-8 1/8</td>
<td>5-6 1/8</td>
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<tr>
<td>2-8 1/8</td>
<td>5-3 1/2</td>
<td>7-10 3/8</td>
<td>2-14</td>
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<tr>
<td>2-7 3/8</td>
<td>5-2 3/4</td>
<td>7-10 1/2</td>
<td>2-14</td>
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<td>26</td>
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<td>5-6 1/8</td>
<td>7-10 1/2</td>
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<td>5-3 1/2</td>
<td>7-10 3/8</td>
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<tr>
<td>2-7 3/8</td>
<td>5-2 3/4</td>
<td>7-10 1/2</td>
<td>2-14</td>
<td></td>
</tr>
</tbody>
</table>

**OTHER GRILLE PATTERNS**

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

**UNIT SIZE INFORMATION**

- **FOR CLAD BRICKMOULD**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height*

- **FOR CLAD WILLIAMSBURG**
  - Add 6 1/2" to frame width
  - Add 3 5/8" to frame height*

- **FOR PRIMED WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - Add 5 5/8" to frame width
  - Add 3 1/16" to frame height*

- **FOR PRIMED 4 1/2" BACKBAND**
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - Add 9 5/8" to frame width
  - Add 5 1/16" to frame height*

- **FOR PRIMED WILLIAMSBURG**
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height*

- **FOR PRIMED PLANTATION**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height*

- **FOR PRIMED WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height*

- **FOR PRIMED WILLIAMSBURG**
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height*

- **FOR PRIMED PLANTATION**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height*

* Add additional 15/16" for bullnose sill
Add additional 1 1/2" for belly sill

**NOTE:**

Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening.

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**NOTES:**

- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 18" brick mold.
- Shaded sizes meet most egress requirements. Verify local codes.

8/2/16
Pinnacle Series
DOUBLE HUNG - 26" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Max. Opg.</th>
<th>Primed Opg.</th>
<th>Glass</th>
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<td>2-10 3/4</td>
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<td>7-10 7/8</td>
<td>7-10 1/8</td>
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<tr>
<td>2-7 3/8</td>
<td>7-10 7/8</td>
<td>7-10 1/8</td>
</tr>
</tbody>
</table>

Adding Dimensions:
- FOR CLAD BRICKMOULD: Add 2 13/16" to frame width, 1 3/4" to frame height.
- FOR CLAD WILLIAMSBURG: Add 6 1/2" to frame width, 3 5/8" to frame height.
- FOR PRIMED WM-180: Add 2 19/32" to frame width, 1 9/16" to frame height.
- FOR PRIMED 3 1/2" FLAT CASING: Add 5 5/8" to frame width, 3 1/16" to frame height.
- FOR PRIMED 4 1/2" BACKBAND: Add 7 5/8" to frame width, 4 1/16" to frame height.
- FOR PRIMED 5 1/2" FLAT CASING: Add 9 5/8" to frame width, 5 1/16" to frame height.
- FOR PRIMED WILLIAMSBURG: Add 5 1/8" to frame width, 2 13/16" to frame height.
- FOR PRIMED PLANTATION: Add 5 5/8" to frame width, 15/16" to frame height.

*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 3/2" FOR BELLY SILL

UNIT SIZE INFORMATION

OTHER GRILLE PATTERNS
- PRAIRIE
- PLAZA
- DIAMOND

NOTE:
- ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
### Pinnacle Series
**DOUBLE HUNG - 28" WIDE**

**ELEVATIONS**

**SCALE: 1/8" = 1'-0"**

<table>
<thead>
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<th>Frame</th>
<th>Glass</th>
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<td>2-9 3/8</td>
<td>5-6 3/4</td>
<td>6-1 1/8</td>
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</tbody>
</table>

**OTHER GRILLE PATTERNS**

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

(*) CONCEALED JAMBLINER ONLY)

**UNIT SIZE INFORMATION**

- **FOR CLAD BRICKMOULD**
  - ADD 2 1/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- **FOR CLAD WILLIAMSBURG**
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 5/8" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 1 5/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

**NOTE:**
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

**NOTES:**
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADOWED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/2/16
Pinnacle Series
DOUBLE HUNG - 30" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

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<th>Clad</th>
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<table>
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<th>3-0 1/8</th>
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<td>8-11 1/2</td>
<td>8-10 7/8</td>
<td>8-10 7/8</td>
<td>8-10 7/8</td>
<td>8-10 7/8</td>
<td>8-10 7/8</td>
<td>8-10 7/8</td>
<td>8-10 7/8</td>
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OTHER GRILLE PATTERNS

- PRAIRIE
- PLAZA
- DIAMOND

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 1/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT

FOR PRIMED WM-180
- ADD 2 1/16" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT

*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/2" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
**Pinnacle Series**

**DOUBLE HUNG - 30" WIDE**

**ELEVATIONS**

SCALE: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Rough Opg.</th>
<th>Mas. Opg. Clad</th>
<th>Mas. Opg. Primed</th>
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<td>30</td>
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<td></td>
</tr>
<tr>
<td>5-10 3/4</td>
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<td></td>
</tr>
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<td>5-11 1/2</td>
<td>30</td>
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</tr>
<tr>
<td>5-11 1/2</td>
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</tr>
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<td>8-10 7/8</td>
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<td>8-11 1/2</td>
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</tr>
<tr>
<td>(* CONCEALED JAMB LINER ONLY)</td>
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</table>

**OTHER GRILLE PATTERNS**

- Prairie
- Plaza
- Diamond

**UNIT SIZE INFORMATION**

- **FOR CLAD BRICKMOULD**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- **FOR CLAD WILLIAMSBURG**
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 5/8" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- **ADD ADDITIONAL 15/16" FOR BULLENE SILL**

* **NOTE:**
  - ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

**NOTES:**
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS, VERIFY LOCAL CODES.
Pinnacle Series
DOUBLE HUNG - 32" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
# Pinnacle Series

**DOUBLE HUNG - 32" WIDE**

## Elevations

Scale: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Depth</th>
<th>Frame Width</th>
<th>Frame Height</th>
<th>Outside</th>
<th>Inside</th>
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</thead>
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<tr>
<td>3-2 1/8</td>
<td>6-6 1/8</td>
<td>9-7 1/2</td>
<td>3238*</td>
<td>3238-3*</td>
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<td>3-1 3/8</td>
<td>6-3 1/2</td>
<td>9-4 7/8</td>
<td>3238-2*</td>
<td>3238-2*</td>
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<td>3-2 1/8</td>
<td>6-2 3/4</td>
<td>9-4 1/8</td>
<td>3238</td>
<td>3238</td>
</tr>
</tbody>
</table>

### Other Grille Patterns

- **Prairie**
- **Plaza**
- **Diamond**

### Unit Size Information

**For Clad Brickmould**
- Add 2 13/16" to frame width
- Add 1 3/4" to frame height*

**For Clad Williamsburg**
- Add 6 1/2" to frame width
- Add 3 5/8" to frame height*

**For Primed WM-180**
- Add 2 19/32" to frame width
- Add 1 9/16" to frame height*

**For Primed 1 1/2" Flat Casing**
- Add 5 5/8" to frame width
- Add 4 1/16" to frame height*

**For Primed 2 1/2" Flat Casing**
- Add 5 5/8" to frame width
- Add 5 1/16" to frame height*

**For Primed 3 1/2" Flat Casing**
- Add 5 1/16" to frame width
- Add 5 1/16" to frame height*

**For Primed Plantation**
- Add 5 1/16" to frame width
- Add 5 1/16" to frame height*

**For Primed WM-180**
- Add 2 19/32" to frame width
- Add 1 9/16" to frame height*

* Add additional 1 1/2" for bullnose sill

**Note:**
- Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

## Other Notes

- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 180 brickmold.
- Shaded sizes meet most egress requirements verify local codes.

---

8/2/16
# Pinnacle Series

**DOUBLE HUNG - 36" WIDE**

**ELEVATIONS**  
SCALE: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Max. Opn. Prea.</th>
<th>3-6 1/8</th>
<th>3-6 1/8</th>
<th>3-6 1/8</th>
<th>3-5 3/8</th>
<th>3-5 1/4</th>
<th>3-4 3/4</th>
<th>3-4 1/4</th>
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</thead>
<tbody>
<tr>
<td>Like Dry Cond.</td>
<td>14-14</td>
<td>14-14</td>
<td>14-14</td>
<td>14-14</td>
<td>14-14</td>
<td>14-14</td>
<td>14-14</td>
</tr>
<tr>
<td>Rough Opn.</td>
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<td></td>
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<tr>
<td>Frame</td>
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<td>36</td>
<td>36</td>
<td>36</td>
<td>36</td>
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</tbody>
</table>

**OTHER GRILLE PATTERNS**

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

**UNIT SIZE INFORMATION**

**FOR CLAD BRICKMOULD**
- Add 2 13/16" to frame width
- Add 1 3/4" to frame height*

**FOR CLAD WILLIAMSBURG**
- Add 6 1/2" to frame width
- Add 3 5/8" to frame height*

**FOR PRIMED WM-180**
- Add 2 19/32" to frame width
- Add 1 9/16" to frame height*

**FOR PRIMED 3 1/2" FLAT CASING**
- Add 3 1/16" to frame height*

**FOR PRIMED 4 1/2" BACKBAND**
- Add 7 5/8" to frame width
- Add 4 1/16" to frame height*

**FOR PRIMED 5 1/2" FLAT CASING**
- Add 9 5/8" to frame width
- Add 5 1/16" to frame height*

**FOR PRIMED WILLIAMSBURG**
- Add 5 1/8" to frame width
- Add 2 13/16" to frame height*

**FOR PRIMED PLANTATION**
- Add 5 5/8" to frame width
- Add 5 15/16" to frame height*

**FOR PRIMED WM-180**
- Add 2 19/32" to frame width
- Add 1 9/16" to frame height*

* Add additional 15/16" for bullnose sill  
Add additional 1 1/2" for belly sill

**NOTE:**
- Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

- **CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.**
- **PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.**
- **SHADOED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.**

8/2/16
# Pinnacle Series

**DOUBLE HUNG - 36" WIDE**

## Elevations

| 3-8 3/4 | 7-2 1/8 | 10-7 1/2 |
| 3-6 1/8 | 6-11 1/2 | 10-4 7/8 |
| 3-6 1/8 | 6-11 1/2 | 10-4 7/8 |
| 3-5 3/8 | 6-10 3/4 | 10-4 1/8 |

**Scale:** 1/8" = 1'-0"

## Other Grille Patterns

- Prairie
- Plaza
- Diamond

## Unit Size Information

- **For Clad Brickmould**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height

- **For Clad Williamsburg**
  - Add 6 1/2" to frame width
  - Add 3 5/8" to frame height

- **For Primed WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height

- **For Primed 3 1/2" Flat Casing**
  - Add 5 5/8" to frame width
  - Add 4 1/16" to frame height

- **For Primed 4 1/2" Backband**
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height

- **For Primed 5 1/2" Flat Casing**
  - Add 9 5/8" to frame width
  - Add 5 1/16" to frame height

- **For Primed Williamsburg**
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height

- **For Primed Plantation**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height

*Add additional 15 1/8" for bullnose sill
Add additional 1 1/32" for belly sill

**Notes:**

- For Clad Masonry Openings are for standard frame with no casing.
- Primed Masonry Openings are for standard 180 brickmold.
- Shaded sizes meet most egress requirements. Verify local codes.

8/2/16
Pinnacle Series
DOUBLE HUNG - 40" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
▶ ADD 2 13/16" TO FRAME WIDTH
▶ ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
▶ ADD 6 1/2" TO FRAME WIDTH
▶ ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
▶ ADD 2 19/32" TO FRAME WIDTH
▶ ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
▶ ADD 5 5/8" TO FRAME WIDTH
▶ ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
▶ ADD 7 5/8" TO FRAME WIDTH
▶ ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
▶ ADD 9 5/8" TO FRAME WIDTH
▶ ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
▶ ADD 5 1/8" TO FRAME WIDTH
▶ ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
▶ ADD 5 5/8" TO FRAME WIDTH
▶ ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WM-180
▶ ADD 2 19/32" TO FRAME WIDTH
▶ ADD 1 9/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1 1/4" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHAPED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES,
## Pinnacle Series
### DOUBLE HUNG - 40" WIDE

**ELEVATIONS**

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<tr>
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<td>7-1 1/4</td>
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<td>7-1 1/4</td>
<td>7-1 1/4</td>
<td>7-1 1/4</td>
<td>7-10 1/8</td>
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</tr>
<tr>
<td>7-0 3/4</td>
<td>7-0 3/4</td>
<td>7-0 3/4</td>
<td>7-7 1/2</td>
<td></td>
</tr>
<tr>
<td>38-38</td>
<td>38-38</td>
<td>38-38</td>
<td>3-10 1/8</td>
<td></td>
</tr>
</tbody>
</table>

**SCALE:** 1/8" = 1'-0"

### OTHER GRILLE PATTERNS

- PRARIE
- PLAZA
- DIAMOND

### UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- FOR CLAD WILLIAMSBURG
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 5/8" TO FRAME HEIGHT*

- FOR PRIMED WM-180
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- FOR PRIMED 3 1/2" FLAT CASING
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*

- FOR PRIMED 4 1/2" BACKBAND
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*

- FOR PRIMED 5 1/2" FLAT CASING
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*

- FOR PRIMED WILLIAMSBURG
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*

- FOR PRIMED PLANTATION
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
*ADD ADDITIONAL 1 1/32" FOR BELLY SILL

### NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

### NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/2/16
# Pinnacle Series

**DOUBLE HUNG - 42" WIDE**

**ELEVATIONS: (CLAD CONCEALED JAMBLINER ONLY)**

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<tr>
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<tbody>
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<tr>
<td>3-11 3/8</td>
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<tr>
<td>3-0 3/4</td>
</tr>
<tr>
<td>3-5 1/4</td>
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</tr>
<tr>
<td>4-2 3/4</td>
</tr>
<tr>
<td>4-0 1/8</td>
</tr>
</tbody>
</table>

### OTHER GRILLE PATTERNS

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

### UNIT SIZE INFORMATION

**FOR CLAD BRICKMOULD**
- **ADD 2 13/16" TO FRAME WIDTH**
- **ADD 1 3/4" TO FRAME HEIGHT**

**FOR CLAD WILLIAMSBURG**
- **ADD 6 1/2" TO FRAME WIDTH**
- **ADD 3 5/8" TO FRAME HEIGHT**

**FOR PRIMED WM-180**
- **ADD 2 19/32" TO FRAME WIDTH**
- **ADD 1 9/16" TO FRAME HEIGHT**

**FOR PRIMED 3 1/2" FLAT CASING**
- **ADD 5 5/8" TO FRAME WIDTH**
- **ADD 3 1/16" TO FRAME HEIGHT**

**FOR PRIMED 4 1/2" BACKBAND**
- **ADD 7 5/8" TO FRAME WIDTH**
- **ADD 4 1/16" TO FRAME HEIGHT**

**FOR PRIMED 5 1/2" FLAT CASING**
- **ADD 9 5/8" TO FRAME WIDTH**
- **ADD 5 1/16" TO FRAME HEIGHT**

**FOR PRIMED WILLIAMSBURG**
- **ADD 6 1/2" TO FRAME WIDTH**
- **ADD 3 15/16" TO FRAME HEIGHT**

**FOR PRIMED PLANTATION**
- **ADD 6 1/2" TO FRAME WIDTH**
- **ADD 5 15/16" TO FRAME HEIGHT**

**FOR PRIMED WM-180**
- **ADD 2 19/32" TO FRAME WIDTH**
- **ADD 1 9/16" TO FRAME HEIGHT**

**NOTE:**
- ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

### NOTES:
- **CLAD MASONRY OPENINGS** are for standard frame with no casing.
- **PRIMED MASONRY OPENINGS** are for standard 180 Brickmold.
- **SHADED SIZES** meet most egress requirements. Verify local codes.
Pinnacle Series
DOUBLE HUNG - 42" WIDE

ELEVATIONS: (CLAD CONCEALED JAMBLINER ONLY)
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/2" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

8/2/16

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
# Pinnacle Series

**DOUBLE HUNG - ORIEL ELEVATIONS**

**SCALE:** 1/8" = 1'-0"

## Other Grille Patterns

- **Prairie**
- **Plaza**
- **Diamond**

### Unit Size Information

- **For Clad Brickmould**
  - Add 2 13/16" to Frame Width
  - Add 1 3/4" to Frame Height*

- **For Clad Williamsburg**
  - Add 6 1/2" to Frame Width
  - Add 3 5/8" to Frame Height*

- **For Primed WM-180**
  - Add 2 19/32" to Frame Width
  - Add 1 9/16" to Frame Height*

- **For Primed 3 1/2" Flat Casing**
  - Add 5 5/8" to Frame Width
  - Add 3 1/16" to Frame Height*

- **For Primed 4 1/2" Backband**
  - Add 7 5/8" to Frame Width
  - Add 4 1/16" to Frame Height*

- **For Primed 5 1/2" Flat Casing**
  - Add 9 5/8" to Frame Width
  - Add 5 1/16" to Frame Height*

- **For Primed Williamsburg**
  - Add 5 1/8" to Frame Width
  - Add 2 13/16" to Frame Height*

- **For Primed Plantation**
  - Add 5 5/8" to Frame Width
  - Add 5 15/16" to Frame Height*

- **For Primed WM-180**
  - Add 2 19/32" to Frame Width
  - Add 1 9/16" to Frame Height*

*Add additional 15/16" for bullnose sill.
Add additional 1 1/32" for belly sill.

**NOTE:**

Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening.

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**8/2/16**
## Pinnacle Series
### DOUBLE HUNG - ORIEL

#### ELEVATIONS

**SCALE: 1/8" = 1'-0"**

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#### OTHER GRILLE PATTERNS

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

#### UNIT SIZE INFORMATION

- **FOR CLAD BRICKMOULD**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height

- **FOR CLAD WILLIAMSBURG**
  - Add 6 1/2" to frame width
  - Add 3 5/8" to frame height

- **FOR PRIMED 3 1/2" FLAT CASING**
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height

- **FOR PRIMED 4 1/2" BACKBAND**
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height

- **FOR PRIMED 5 1/2" FLAT CASING**
  - Add 9 5/8" to frame width
  - Add 5 15/16" to frame height

- **FOR PRIMED PLANTATION**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height

- **FOR PRIMED WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height

- **FOR PRIMED WM-BRICKMOULD**
  - Add 5 11/16" to frame width
  - Add 2 13/16" to frame height

- **FOR PRIMED WM-180**
  - Add 2 19/32" to frame width
  - Add 1 9/16" to frame height

**NOTE:**
- Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening.

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**NOTES:**
- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 180 brickmold.
- Shaded sizes meet most egress requirements. Verify local codes.
Pinnacle Series
DOUBLE HUNG - COTTAGE

ELEVATIONS
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS

PLAZA
DIAMOND

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 188 BRICKMOULD.

8/2/16
Pinnacle Series
DOUBLE HUNG - COTTAGE

ELEVATIONS
SCALE: 1/8" = 1'-0"

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
  □ ADD 2 13/16" TO FRAME WIDTH
  □ ADD 1 3/4" TO FRAME HEIGHT*
FOR CLAD WILLIAMSBURG
  □ ADD 6 1/2" TO FRAME WIDTH
  □ ADD 3 5/8" TO FRAME HEIGHT*
FOR PRIMED WM-180
  □ ADD 2 19/32" TO FRAME WIDTH
  □ ADD 1 9/16" TO FRAME HEIGHT*
FOR PRIMED 3 1/2" FLAT CASING
  □ ADD 5 5/8" TO FRAME WIDTH
  □ ADD 4 1/16" TO FRAME HEIGHT*
FOR PRIMED 4 1/2" BACKBAND
  □ ADD 7 5/8" TO FRAME WIDTH
  □ ADD 4 1/16" TO FRAME HEIGHT*
FOR PRIMED 5 1/2" FLAT CASING
  □ ADD 9 5/8" TO FRAME WIDTH
  □ ADD 5 1/16" TO FRAME HEIGHT*
FOR PRIMED WILLIAMSBURG
  □ ADD 5 5/8" TO FRAME WIDTH
  □ ADD 5 15/16" TO FRAME HEIGHT*
FOR PRIMED PLANTATION
  □ ADD 5 5/8" TO FRAME WIDTH
  □ ADD 5 15/16" TO FRAME HEIGHT*
  □ ADD ADDITIONAL 1 1/32" FOR BELLY SILL
  □ ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
## Pinnacle Series

### DOUBLE HUNG - PICTURE

**ELEVATIONS**

SCALE: 1/8" = 1'-0"

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</table>

**UNIT SIZE INFORMATION**

**FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

**FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

**FOR PRIMED WM-180**
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

**FOR PRIMED 3 1/2" FLAT CASING**
- ADD 3 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

**FOR PRIMED 5 1/2" FLAT CASING**
- ADD 6 9/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

**FOR PRIMED PLANTATION**
- ADD 8 1/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

**OTHER GRILLE PATTERNS**

- PRAIRIE
- SINGLE PLAZA
- DOUBLE PLAZA
- TRIPLE PLAZA
- DIAMOND
- 2" SIMULATED CHECKRAIL

**NOTES:**
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD (NO BRICKMOULDS).
- ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASON OPENING.
- ADD ADDITIONAL 1 3/8" FOR BELLY SILL.
- ADDITIONAL 1 1/2" FOR ANCHOR BOLTS.

8/2/16
**Pinnacle Series**

**DOUBLE HUNG - PICTURE**

**ELEVATIONS**

SCALE: 1/8" = 1'-0"

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**FOR CLAD BRICKMOULD**
- Add 2 13/16" to frame width
- Add 1 3/4" to frame height*

**FOR CLAD WILLIAMSBURG**
- Add 6 1/2" to frame width
- Add 3 5/8" to frame height*

**FOR PRIMED WM-180**
- Add 2 19/32" to frame width
- Add 1 9/16" to frame height*

**FOR PRIMED 3 1/2" FLAT CASING**
- Add 5 5/8" to frame width
- Add 3 1/16" to frame height*

**FOR PRIMED 4 1/2" BACKBAND**
- Add 7 5/8" to frame width
- Add 4 1/16" to frame height*

**FOR PRIMED 5 1/2" FLAT CASING**
- Add 9 5/8" to frame width
- Add 5 1/16" to frame height*

**FOR PRIMED WILLIAMSBURG**
- Add 5 1/8" to frame width
- Add 2 13/16" to frame height*

**FOR PRIMED PLANTATION**
- Add 5 5/8" to frame width
- Add 5 15/16" to frame height*

**UNIT SIZE INFORMATION**

- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
- Add 3/4" to unit width & 1/2" to unit height to calculate mas. opening.
- "ADD ADDITIONAL 15/16" FOR BULLNOSE SILL.
- ADD ADDITIONAL 1 3/32" FOR BELLY SILL.

**OTHER GRILLE PATTERNS**

- PRAIRIE
- SINGLE PLAZA
- DOUBLE PLAZA
- TRIPLE PLAZA
- DIAMOND
- 2" SIMULATED CHECKRAIL

8/2/16
**Pinnacle Series**
**SINGLE HUNG - ORIEL**

**ELEVATIONS**

SCALE: 1/8" = 1'-0"

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<th>Primed 4 1/2&quot; Backband</th>
<th>Primed 5 1/2&quot; Flat Casing</th>
<th>Primed WM-180</th>
<th>Primed Williamsburg</th>
<th>Primed Plantation</th>
<th>Primed WM-180</th>
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**OTHER GRILLE PATTERNS**

- Prairie
- Plaza
- Diamond

**UNIT SIZE INFORMATION**

- **FOR CLAD BRICKMOULD**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- **FOR CLAD WILLIAMSBURG**
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 5/8" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 9 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 15 1/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

**NOTE:**
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

**NOTES:**
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 380 BRICKMOULD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
Pinnacle Series
SINGLE HUNG - SEGMENT TOP

ELEVATIONS
SCALE: 1/8" = 1'-0"

Frame  Rough  Primed
Mas. Opg.  Opg.  Opg.  Clad

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UNIT SIZE INFORMATION

- **FOR CLAD BRICKMOULD**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- **FOR CLAD WILLIAMSBURG**
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 5/8" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- **ADD 15/16" FOR BULLNOSE SILL**
- **ADD 1 1/2" FOR BELLY SILL**

*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

**NOTES:**

- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES.
Pinnacle Series
SINGLE HUNG - SEGMENT TOP

ELEVATIONS
SCALE: 1/8" = 1'-0"

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 3 1/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 1/4" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 4 1/16" TO FRAME WIDTH
- ADD 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 1 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/2" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

*CONCEALED PRODUCTS ONLY

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 1 1/2" BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/2/16
Pinnacle Series
SINGLE HUNG - ROUND TOP

ELEVATIONS
SCALE: 1/8" = 1'-0"

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL
CASING OPTIONS MAY BE LIMITED BY SIZE DUE TO MINIMUM RADIUS RESTRICTIONS.

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
Pinnacle Series
SINGLE HUNG - ROUND TOP

ELEVATIONS
SCALE: 1/8" = 1'-0"

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
☐ ADD 2 13/16" TO FRAME WIDTH
☐ ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
☐ ADD 6 1/2" TO FRAME WIDTH
☐ ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
☐ ADD 2 19/32" TO FRAME WIDTH
☐ ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
☐ ADD 5 5/8" TO FRAME WIDTH
☐ ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
☐ ADD 7 5/8" TO FRAME WIDTH
☐ ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
☐ ADD 9 5/8" TO FRAME WIDTH
☐ ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
☐ ADD 5 1/8" TO FRAME WIDTH
☐ ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
☐ ADD 5 5/8" TO FRAME WIDTH
☐ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL
CASING OPTIONS MAY BE LIMITED BY SIZE DUE TO MINIMUM RADIUS RESTRICTIONS.

NOTE:
☐ ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
☐ TO CALCULATE MASONRY OPENING

*CONCEALED PRODUCTS ONLY

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 130 BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/2/16