Pinnacle Series

CASEMENT - 14" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE

SCALE: 1/8” = 1'-0"

OPERATION

LEFT
RIGHT

OPERATOR
STATIONARY

OTHER GRILLE PATTERNS

PRAIRIE
DIAMOND
2" SIMULATED
CHECK RAIL

SINGLE
PLAZA
DOUBLE
PLAZA
TRIPLE
PLAZA

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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" 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

8/2/16
Pinnacle Series

CASEMENT - 14" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE

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

OPERATION

LEFT
RIGHT

OPERATOR
STATIONARY

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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1/2" FOR BULLNOSE SILL

OTHER GRILLE PATTERNS

PRAIRIE
DIAMOND
2" SIMULATED CHECK RAIL

SINGLE PLAZA
DOUBLE PLAZA
TRIPLE PLAZA

NOTES:
50 HEIGHTS AVAILABLE IN CLAD ONLY
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 MASONRY OPENING

8/2/16
Pinnacle Series

CASEMENT - 16" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE

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

NOTES:
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
- PRIMED MASONRY OPENINGS ARE FOR STANDARD "80 BRICKMOULD"

 OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

OTHER GRILLE PATTERNS
- PRAIRIE
- DIAMOND
- 2" SIMULATED CHECK RAIL

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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

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

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

8/2/16
Pinnacle Series
CASEMENT - 16" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
80 HEIGHTS AVAILABLE IN CLAD ONLY
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
## Pinnacle Series

**CASEMENT - 20" WIDE**

**ELEVATIONS: OPERATING / STATIONARY / PICTURE**

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

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| Glass | 20 | 20 | 20 | 20 |

<table>
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<tr>
<td>LEFT</td>
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<td>RIGHT</td>
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</table>

| OPERATOR |
| STATIONARY |

### OTHER GRILLE PATTERNS

- **PRAIRIE**
- **DIAMOND**
- **2" SIMULATED CHECK RAIL**
- **SINGLE PLAZA**
- **DOUBLE PLAZA**
- **TRIPLE PLAZA**

### 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 PRIME WM-180**
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

**FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

**FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

**FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

**FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

**FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL.

### NOTES:

- 80 heights available in clad only
- Clad masonry openings are for standard frame with no casing
- Primed masonry openings are for standard 180 brickmould

8/2/16
### Pinnacle Series
#### CASEMENT - 24" WIDE

**ELEVATIONS: OPERATING / STATIONARY / PICTURE**

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

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</tr>
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</table>

**Operational Patterns**

- **Left**
- **Right**

**Other Grille Patterns**

- Prairie
- Diamond
- 2" Simulated Check Rail
- Single Plaza
- Double Plaza
- Triple Plaza

**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 13/16" to frame width, add 2 3/32" to frame height.
- **Primed 3 1/2" Flat Casing**: Add 5 13/16" to frame width, add 3 15/16" to frame height.
- **Primed 4 1/2" Backband**: Add 7 13/16" to frame width, add 4 15/16" to frame height.
- **Primed 5 1/2" Flat Casing**: Add 9 13/16" to frame width, add 5 15/16" to frame height.
- **Primed Williamsburg**: Add 5 3/8" to frame width, add 3 11/16" to frame height.
- **Primed Plantation**: Add 5 13/16" to frame width, add 5 15/16" to frame height.

**Notes:**

- *Requires egress hardware to meet egress requirements.
- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard frame with no casing.
- Shaded sizes meet most egress requirements. Verify local codes.

* Add additional 1" for bullnose sill.

**Note:**

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

**CASEMENT - 24" WIDE**

**ELEVATIONS: OPERATING / STATIONARY / PICTURE**

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

<table>
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<td>7-0 3/4</td>
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<td>4-8 3/4</td>
<td>7-0 3/4</td>
<td>9-4 3/4</td>
</tr>
</tbody>
</table>

**OPERATION**

- **LEFT**
- **RIGHT**

**OPERATOR**

**STATIONARY**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Glass</td>
<td>2-4 3/4</td>
<td>4-8 3/4</td>
<td>7-0 3/4</td>
<td>9-4 3/4</td>
</tr>
</tbody>
</table>

**OTHER GRILLE PATTERNS**

- **PRAIRIE**
- **DIAMOND**
- **2" SIMULATED CHECK RAIL**
- **SINGLE PLAZA**
- **DOUBLE PLAZA**
- **TRIPLE PLAZA**

### 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 13/16" TO FRAME WIDTH**
- **ADD 2 13/32" TO FRAME HEIGHT***

### FOR PRIMED 3 1/2" FLAT CASING
- **ADD 5 13/16" TO FRAME WIDTH**
- **ADD 3 15/16" TO FRAME HEIGHT***

### FOR PRIMED 4 1/2" BACKBAND
- **ADD 7 13/16" TO FRAME WIDTH**
- **ADD 4 15/16" TO FRAME HEIGHT***

### FOR PRIMED 5 1/2" FLAT CASING
- **ADD 9 13/16" TO FRAME WIDTH**
- **ADD 5 15/16" TO FRAME HEIGHT***

### FOR PRIMED WILLIAMSBURG
- **ADD 5 3/8" TO FRAME WIDTH**
- **ADD 3 11/16" TO FRAME HEIGHT***

### FOR PRIMED PLANTATION
- **ADD 5 13/16" TO FRAME WIDTH**
- **ADD 5 15/16" TO FRAME HEIGHT***

### FOR PRIMED WM-180
- **ADD 2 13/16" TO FRAME WIDTH**
- **ADD 2 13/32" TO FRAME HEIGHT***

* ADD ADDITIONAL 1" FOR BULLNOSE SILL.

**UNIT SIZE INFORMATION**

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

**FOR PRIMED WM-180**
- **ADD 2 13/16" TO FRAME WIDTH**
- **ADD 2 13/32" TO FRAME HEIGHT***

**FOR PRIMED 3 1/2" FLAT CASING**
- **ADD 5 13/16" TO FRAME WIDTH**
- **ADD 3 15/16" TO FRAME HEIGHT***

**FOR PRIMED 4 1/2" BACKBAND**
- **ADD 7 13/16" TO FRAME WIDTH**
- **ADD 4 15/16" TO FRAME HEIGHT***

**FOR PRIMED 5 1/2" FLAT CASING**
- **ADD 9 13/16" TO FRAME WIDTH**
- **ADD 5 15/16" TO FRAME HEIGHT***

**FOR PRIMED WILLIAMSBURG**
- **ADD 5 3/8" TO FRAME WIDTH**
- **ADD 3 11/16" TO FRAME HEIGHT***

**FOR PRIMED PLANTATION**
- **ADD 5 13/16" TO FRAME WIDTH**
- **ADD 5 15/16" TO FRAME HEIGHT***

**FOR PRIMED WM-180**
- **ADD 2 13/16" TO FRAME WIDTH**
- **ADD 2 13/32" TO FRAME HEIGHT***

* ADD ADDITIONAL 1" FOR BULLNOSE SILL.

**NOTE:**

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

---

**NOTES:**

* REQUIRE EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS

80 HEIGHTS AVAILABLE IN CLAD ONLY

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

## CASEMENT - 26" WIDE

**ELEVATIONS: OPERATING / STATIONARY / PICTURE**

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

### Operation

- **Left**
- **Right**

### Other Grille Patterns

- **Prairie**
- **Diamond**
- **2" Simulated Check Rail**
- **Single Plaza**
- **Double Plaza**
- **Triple Plaza**

### Unit Size Information

<table>
<thead>
<tr>
<th>FOR CLAD BRICKMOULD</th>
<th>ADD 2 13/16&quot; TO FRAME WIDTH</th>
<th>ADD 1 3/4&quot; TO FRAME HEIGHT*</th>
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<tbody>
<tr>
<td>FOR CLAD WILLIAMSBURG</td>
<td>ADD 6 1/2&quot; TO FRAME WIDTH</td>
<td>ADD 3 5/8&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>FOR PRIMED WM-180</td>
<td>ADD 2 13/16&quot; TO FRAME WIDTH</td>
<td>ADD 2 13/32&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>FOR PRIMED 3 1/2&quot; FLAT CASING</td>
<td>ADD 5 13/16&quot; TO FRAME WIDTH</td>
<td>ADD 3 15/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>FOR PRIMED 4 1/2&quot; BACKBAND</td>
<td>ADD 7 13/16&quot; TO FRAME WIDTH</td>
<td>ADD 4 15/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>FOR PRIMED 5 1/2&quot; FLAT CASING</td>
<td>ADD 9 13/16&quot; TO FRAME WIDTH</td>
<td>ADD 4 17/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>FOR PRIMED WILLIAMSBURG</td>
<td>ADD 5 3/8&quot; TO FRAME WIDTH</td>
<td>ADD 3 11/16&quot; TO FRAME HEIGHT*</td>
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<td>FOR PRIMED PLANTATION</td>
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<td>FOR PRIMED WM-180</td>
<td>ADD 2 13/16&quot; TO FRAME WIDTH</td>
<td>ADD 2 13/32&quot; TO FRAME HEIGHT*</td>
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</tbody>
</table>

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

**Notes:**

* Requires egress hardware to meet egress requirements

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

## CASEMENT - 26" WIDE

### Elevations: Operating / Stationary / Picture

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

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<td>6-2 1/4</td>
<td>6-2 3/4</td>
<td>6-3 1/2</td>
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### Operating / Right

- **Operator**: Stationary

### Other Grille Patterns

- **Prairie**
- **Diamond**
- **2" Simulated Check Rail**
- **Single Plaza**
- **Double Plaza**
- **Triple Plaza**

### 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 13/16" to frame width
- Add 2 13/32" to frame height*

**FOR PRIMED 3 1/2" FLAT CASING**
- Add 5 13/16" to frame width
- Add 3 15/16" to frame height*

**FOR PRIMED 4 1/2" BACKBAND**
- Add 7 13/16" to frame width
- Add 4 15/16" to frame height*

**FOR PRIMED 5 1/2" FLAT CASING**
- Add 9 13/16" to frame width
- Add 5 15/16" to frame height*

**FOR PRIMED WILLIAMSBURG**
- Add 5 3/8" to frame width
- Add 3 11/16" to frame height*

**FOR PRIMED PLANTATION**
- Add 5 13/16" to frame width
- Add 5 15/16" to frame height*

* Add additional 1" for bullnose sill

**Notes:**

- * Requires egress hardware to meet egress requirements
- * 80 heights available in clad only
- * 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
CASEMENT - 28" WIDE
ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

OTHER GRILLE PATTERNS
PRAIRIE
DIAMOND
2" SIMULATED CHECK RAIL
SINGLE PLAZA
DOUBLE PLAZA
TRIPLE PLAZA

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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*
FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*
FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*
FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*
FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*
FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 1/8" BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

8/2/16
Pinnacle Series
CASEMENT - 28" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

Frame
Frame
Frame
Frame

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

Glass

2-11 9/16
2-8 3/4
2-8 3/4
2-8 3/4
2-8 3/4

5-7 9/16
5-4 3/4
5-4 3/4
5-4 3/4
5-4 3/4

8-3 9/16
8-0 3/4
8-0 3/4
8-0 3/4
8-0 3/4

10-11 9/16
10-8 3/4
10-8 3/4
10-8 3/4
10-8 3/4

OPERATION
LEFT
RIGHT

OPERATOR
STATIONARY

OTHER GRILLE PATTERNS

PRAIRIE
DIAMOND
2" SIMULATED
CHECK RAIL

SINGLE
PLAZA
DOUBLE
PLAZA
TRIPLE
PLAZA

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 13/16" TO FRAME WIDTH
ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
ADD 5 13/16" TO FRAME WIDTH
ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
ADD 7 13/16" TO FRAME WIDTH
ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
ADD 9 13/16" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
ADD 5 3/8" TO FRAME WIDTH
ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
ADD 5 13/16" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

FOR 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

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
80 HEIGHT AVAILABLE IN CLAD ONLY

FOR 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
### CASEMENT - 32" WIDE

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

### 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.

### Unit Size Information

<table>
<thead>
<tr>
<th>Frame Width</th>
<th>Glass</th>
<th>Box</th>
<th>For Clad Brickmould</th>
<th>For Clad Williamsburg</th>
<th>For Primed WM-180</th>
<th>For Primed 3 1/2&quot; Flat Casing</th>
<th>For Primed 4 1/2&quot; Backband</th>
<th>For Primed 5 1/2&quot; Flat Casing</th>
<th>For Primed Williamsburg</th>
<th>For Primed Plantation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-3 9/16</td>
<td>6-3 9/16</td>
<td>9-3 9/16</td>
<td>12-3 9/16</td>
<td>12-3 9/16</td>
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<td>12-0 3/4</td>
<td>12-0 3/4</td>
<td>12-0 3/4</td>
</tr>
</tbody>
</table>

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

### Other Grille Patterns:
- Prairie
- Diamond
- 2" Simulated Check Rail
- Single Plaza
- Double Plaza
- Triple Plaza

### Operation:
- Left
- Right
- Operator
- Stationary

### Frame Options:
- Rough Opg. Clad
- Rough Opg. Primed
- Mas. Opg. Clad
- Mas. Opg. Primed

### Unit Size Information Notes:
- * Add 2 1/3" to frame width
- * Add 1 3/4" to frame height
- * Add 6 1/2" to frame width
- * Add 3 5/8" to frame height
- * Add 2 1/2" to frame width
- * Add 2 1/2" to frame height
- * Add 5 13/16" to frame width
- * Add 3 15/16" to frame height
- * Add 7 13/16" to frame width
- * Add 4 15/16" to frame height
- * Add 9 13/16" to frame width
- * Add 5 15/16" to frame height
- * Add 5 1/2" to frame width
- * Add 5 15/16" to frame height
- * Add 5 1 1/4" to frame width
- * Add 5 1 1/4" to frame height

### Additional Notes:
- Add 3/4" to unit width & 1/2" to unit height to calculate Masonry Opening
Pinnacle Series
CASEMENT - 32" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

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

Glass

3274 & 3280 UNITS AVAILABLE AS FIXED UNITS ONLY

OTHER GRILLE PATTERNS
PRAIRIE
DIAMOND
2" SIMULATED CHECK RAIL
SINGLE PLAZA
DOUBLE PLAZA
TRIPLE PLAZA

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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
83 HIGHTS AVAILABLE IN CLAD ONLY
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD WM-180 BRICKMOULDS
SHOVED SIZES MEET MOST EGRESS REQUIREMENTS, VERIFY LOCAL CODES

8/2/16
## Pinnacle Series

**CASEMENT - 38" WIDE**

**ELEVATIONS: OPERATING / STATIONARY / PICTURE**

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

### Unit Size Information

*Add additional 1" for bullnose sill

**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 13/16" to frame width
- Add 2 13/32" to frame height*

**For Primed 3 1/2" Flat Casing**
- Add 5 13/16" to frame width
- Add 3 15/16" to frame height*

**For Primed 4 1/2" Backband**
- Add 7 13/16" to frame width
- Add 4 15/16" to frame height*

**For Primed 5 1/2" Flat Casing**
- Add 9 13/16" to frame width
- Add 5 15/16" to frame height*

**For Primed Williamsburg**
- Add 5 3/8" to frame width
- Add 3 11/16" to frame height*

**For Primed Plantation**
- Add 5 13/16" to frame width
- Add 5 15/16" to frame height*

### Notes:
- Clad masonry openings are for standard frame with no casing.
- Primed masonry openings are for standard 38" brickmould.
- Shaded sizes meet most egress requirements. Verify local codes.
### Pinnacle Series
#### CASEMENT - PICTURE

**ELEVATIONS**

SCALE: 1/8” = 1'-0"

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<thead>
<tr>
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<th>Frame Width</th>
<th>Frame Height</th>
<th>Glass Size</th>
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</tbody>
</table>

### OTHER GRILLE PATTERNS

- Prairie
- Diamond
- 2" Simulated Check Rail
- Single Plaza
- Double Plaza
- Triple Plaza

### 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 13/16" to frame width
- Add 2 13/32" to frame height

**FOR PRIMED 3 1/2" FLAT CASING**
- Add 5 13/16" to frame width
- Add 3 15/16" to frame height

**FOR PRIMED 4 1/2" BACKBAND**
- Add 7 13/16" to frame width
- Add 4 15/16" to frame height

**FOR PRIMED 5 1/2" FLAT CASING**
- Add 9 13/16" to frame width
- Add 5 15/16" to frame height

**FOR PRIMED WILLIAMSBURG**
- Add 5 3/8" to frame width
- Add 3 11/16" to frame height

**FOR PRIMED PLANTATION**
- Add 5 13/16" to frame width
- Add 5 15/16" to frame height

* Add additional 1" 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
Pinnacle Series

CASEMENT - PICTURE

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

Other Grille Patterns

Prairie
Diamond
2" Simulated Check Rail
Single Plaza
Double Plaza
Triple Plaza

Unit Size Information

For Clad Brickmould
- 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 13/16" to Frame Width
- Add 2 13/32" to Frame Height*

For Primed 3 1/2" Flat Casing
- Add 5 13/16" to Frame Width
- Add 3 15/16" to Frame Height*

For Primed 4 1/2" Backband
- Add 7 13/16" to Frame Width
- Add 4 15/16" to Frame Height*

For Primed 5 1/2" Flat Casing
- Add 9 13/16" to Frame Width
- Add 5 15/16" to Frame Height*

For Primed Williamsburg
- Add 5 3/8" to Frame Width
- Add 3 11/16" to Frame Height*

For Primed Plantation
- Add 5 13/16" to Frame Width
- Add 5 15/16" to Frame Height*

* Add additional 1/8" for bullnose sill

Notes:
- 80 Heights Available in Clad Only
- Clad Masonry Openings are for Standard Frame with No Casing
- Primed Masonry Openings are for Standard 180 Brickmould

8/2/16
Pinnacle Series
CASEMENT - TRANSOM

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

Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

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<tr>
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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

<table>
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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

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<th>1-6 3/4</th>
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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

<table>
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<th>1-6 3/4</th>
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Frame
Rough Opr. Clad
Rough Opr. Primed
Mas. Opr. Clad
Mas. Opr. Primed

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<tr>
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<th>1-6 3/4</th>
<th>1-8 3/4</th>
<th>2-0 3/4</th>
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<th>2-8 3/4</th>
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<td>2426</td>
<td>2626</td>
<td>2826</td>
<td>3226</td>
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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 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING
## Pinnacle Series
### CASEMENT - TRANSOM

#### ELEVATIONS

**SCALE:** 1/8” = 1'-0"

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Height</th>
<th>Width</th>
<th>Frame</th>
<th>Glass</th>
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<td>Rough Opg. Clad</td>
<td>3-6 1/2</td>
<td>4-0 1/2</td>
<td>4-6</td>
<td>44</td>
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<tr>
<td>Rough Opg. Primed</td>
<td>3-6 1/2</td>
<td>4-0 1/2</td>
<td>4-6</td>
<td>44</td>
</tr>
<tr>
<td>Mas. Opg. Clad</td>
<td>3-6 1/2</td>
<td>4-0 1/2</td>
<td>4-6</td>
<td>44</td>
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<tr>
<td>Mas. Opg. Primed</td>
<td>3-6 1/2</td>
<td>4-0 1/2</td>
<td>4-6</td>
<td>44</td>
</tr>
</tbody>
</table>

#### OTHER GRILLE PATTERN

- **PRAIRIE**
- **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 13/16” TO FRAME WIDTH
  - Add 2 13/32” TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2” FLAT CASING**
  - Add 5 13/16” TO FRAME WIDTH
  - Add 3 15/16” TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2” BACKBAND**
  - Add 7 13/16” TO FRAME WIDTH
  - Add 4 15/16” TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2” FLAT CASING**
  - Add 9 13/16” TO FRAME WIDTH
  - Add 5 15/16” TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - Add 5 3/8” TO FRAME WIDTH
  - Add 3 11/16” TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - Add 5 13/16” TO FRAME WIDTH
  - Add 5 15/16” TO FRAME HEIGHT*

* Add additional 1” 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

8/2/16
## Pinnacle Series

### CASEMENT - 16" WIDE RADIUS SEGMENT TOP

**ELEVATIONS: OPERATING / STATIONARY**

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

**Frame**
- Rough Opg. Clad
- Rough Opg. Primed
- Mas. Opg. Clad
- Mas. Opg. Primed

**Glass**
- 1-8 3/4
- 1-8
- 3-6/4-0
- 4-0 1/2

**Operation**
- LEFT
- RIGHT

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

<table>
<thead>
<tr>
<th>Frame Width</th>
<th>Glass Width</th>
<th>Height</th>
<th>Unit Size</th>
<th>Notes</th>
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<td>1632/38-2</td>
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<tr>
<td>8/2/16-2</td>
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<td>1656/62-3</td>
<td>1656/62-4</td>
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<td>1662/68</td>
<td>1662/68-2</td>
<td>1662/68-3</td>
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</tbody>
</table>

**OPERATOR**
- STATIONARY

**UNIT SIZE INFORMATION**

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

- **FOR PRIMED WM-180**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 2 13/32" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 13/16" TO FRAME WIDTH
  - ADD 3 15/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 13/16" TO FRAME WIDTH
  - ADD 4 15/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 13/16" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 3/8" TO FRAME WIDTH
  - ADD 3 11/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 3/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- **ADD 5 3/8" TO FRAME 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
Pinnacle Series

CASEMENT - 20" WIDE RADIUS SEGMENT TOP

ELEVATIONS: OPERATING / STATIONARY

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

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEFT</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RIGHT</td>
<td></td>
<td></td>
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</tbody>
</table>

UNIT SIZE INFORMATION

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

- FOR PRIMED WM-180
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 2 13/32" TO FRAME HEIGHT*

- FOR PRIMED 3 1/2" FLAT CASING
  - ADD 5 13/16" TO FRAME WIDTH
  - ADD 3 15/16" TO FRAME HEIGHT*

- FOR PRIMED 4 1/2" BACKBAND
  - ADD 7 13/16" TO FRAME WIDTH
  - ADD 4 15/16" TO FRAME HEIGHT*

- FOR PRIMED 5 1/2" FLAT CASING
  - ADD 9 13/16" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- FOR PRIMED WILLIAMSBURG
  - ADD 5 3/8" TO FRAME WIDTH
  - ADD 3 11/16" TO FRAME HEIGHT*

- FOR PRIMED PLANTATION
  - ADD 5 13/16" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE BILL

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 1/8" BRICKMOULD

8/2/16
Pinnacle Series

CASEMENT - 24" WIDE RADIUS SEGMENT TOP

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

Operation

Left
Right

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

Glass

ADD 5 3/8" TO FRAME WIDTH
ADD 2 13/32" TO FRAME HEIGHT*

ADD 7 13/16" TO FRAME WIDTH
ADD 4 15/16" TO FRAME HEIGHT*

ADD 9 13/16" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

ADD 5 3/8" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

ADD 3 11/16" TO FRAME HEIGHT*
ADD 5 13/16" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

ADD 2 13/16" TO FRAME WIDTH
ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED WM-180
ADD 2 13/16" TO FRAME WIDTH
ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
ADD 5 13/16" TO FRAME WIDTH
ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
ADD 7 13/16" TO FRAME WIDTH
ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
ADD 9 13/16" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
ADD 5 3/8" TO FRAME WIDTH
ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
ADD 5 13/16" TO FRAME WIDTH
ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1” FOR BULLNOSE SILL

UNIT SIZE INFORMATION

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

CASEMENT - 32" WIDE RADIUS SEGMENT TOP

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

<table>
<thead>
<tr>
<th>Frame</th>
<th>Glass</th>
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<td>3232/38-3</td>
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<td>3238/44</td>
</tr>
</tbody>
</table>

UNIT SIZE INFORMATION

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

FOR PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT

* 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 MASONERY OPENINGS ARE FOR STANDARD 18" BRICKMOULD
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

8/2/16
Pinnacle Series
CASEMENT - RADIUS ROUND TOP

ELEVATIONS: OPERATING / STATIONARY
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 PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" 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 16G BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

8/2/16