Legend HBR Series
LEGEND HBR DOUBLE HUNG - 16" WIDE

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

Masonry Opening
Rough Opg.
Frame

1-12 3/4
1-10 1/8
1-9 3/8
3-10 1/8
3-7 1/2
3-6 3/4
5-7 1/2
5-4 7/8
5-4 1/8

OTHER GRILLE PATTERNS

180 BRICKMOULD
- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

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

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

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

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

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

SLIMLINE
- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

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

UNIT SIZE INFORMATION

NOTES:
- MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

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

8/3/16
**Legend HBR Series**

**LEGEND HBR DOUBLE HUNG - 24” WIDE**

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

<table>
<thead>
<tr>
<th>Masonry Opening</th>
<th>Rough Opg.</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-6 3/4</td>
<td>5-2 1/8</td>
<td>7-7 1/2</td>
</tr>
<tr>
<td>2-6 1/8</td>
<td>4-11 1/2</td>
<td>7-4 7/8</td>
</tr>
<tr>
<td>2-5 3/8</td>
<td>4-10 3/4</td>
<td>7-4 1/8</td>
</tr>
</tbody>
</table>

**OTHER GRILLE PATTERNS**

- PRARIE
- PLAZA
- DIAMOND

**UNIT SIZE INFORMATION**

- **180 BRICKMOULD**
  - ADD 2 5/8” TO FRAME WIDTH
  - ADD 1 9/16” TO FRAME HEIGHT*

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

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

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

- **WILLIAMSBURG**
  - ADD 5 1/8” TO FRAME WIDTH
  - ADD 2 13/16” TO FRAME HEIGHT*

- **PLANTATION**
  - ADD 5 5/8” TO FRAME WIDTH
  - ADD 5 15/16” TO FRAME HEIGHT*

- **SLIMLINE**
  - ADD 5/8” TO FRAME WIDTH
  - ADD 9/16” TO FRAME HEIGHT*

- **180 BRICKMOULD**
  - ADD 19/32” TO UNI Width & 1/2” TO UNI Height TO CALCULATE MASONRY OPENING

**NOTES:**

MASONRY OPENINGS ARE FOR STANDARD ‘180 BRICKMOLD.
SHADEd SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
### Legend HBR Series
#### LEGEND HBR DOUBLE HUNG - 26" WIDE

**ELEVATIONS**

<table>
<thead>
<tr>
<th>Masonry Opening</th>
<th>Frame Width</th>
<th>Frame Height</th>
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<td>8-1 1/2</td>
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<tr>
<td>3-1 1/4</td>
<td>2-8 1/8</td>
<td>7-10 7/8</td>
</tr>
<tr>
<td>3-5 1/4</td>
<td>2-8 1/8</td>
<td>7-10 7/8</td>
</tr>
<tr>
<td>3-4 3/4</td>
<td>2-7 3/8</td>
<td>7-10 1/8</td>
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</tbody>
</table>

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

**Frame Rough Opening**

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

**OTHER GRILLE PATTERNS**

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

**UNIT SIZE INFORMATION**

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Frame Width</th>
<th>Frame Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 BRICKMOULD</td>
<td>ADD 2 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 1 9/16&quot; TO FRAME HEIGHT</td>
</tr>
<tr>
<td>3 1/2&quot; FLAT CASING</td>
<td>ADD 5 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 3 1/16&quot; TO FRAME HEIGHT</td>
</tr>
<tr>
<td>4 1/2&quot; BACKBAND</td>
<td>ADD 7 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 4 1/16&quot; TO FRAME HEIGHT</td>
</tr>
<tr>
<td>5 1/2&quot; FLAT CASING</td>
<td>ADD 9 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 5 1/16&quot; TO FRAME HEIGHT</td>
</tr>
<tr>
<td>WILLIAMSBURG</td>
<td>ADD 5 1/8&quot; TO FRAME WIDTH</td>
<td>ADD 2 13/16&quot; TO FRAME HEIGHT</td>
</tr>
<tr>
<td>PLANTATION</td>
<td>ADD 5 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 5 15/16&quot; TO FRAME HEIGHT</td>
</tr>
<tr>
<td>SLIMLINE</td>
<td>ADD 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 9/16&quot; TO FRAME HEIGHT</td>
</tr>
</tbody>
</table>

*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:**
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD. SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
# Legend HBR Series

**LEGEND HBR DOUBLE HUNG - 32" WIDE**

**ELEVATIONS**

Scale: 1/8” = 1'-0"

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<th>Masonry Opening</th>
<th>Frame Rough Opg.</th>
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<td>3-4 1/4</td>
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<td>6-3 1/2</td>
<td>3-5 1/4</td>
<td>6-3 1/2</td>
</tr>
<tr>
<td>3-4 3/4</td>
<td>6-2 3/4</td>
<td>3-6 3/4</td>
<td>6-2 3/4</td>
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<tr>
<td>3-4 3/4</td>
<td>3-6 1/4</td>
<td>4-4 3/4</td>
<td>3-6 1/4</td>
</tr>
<tr>
<td>3-3 1/4</td>
<td>3-10 3/4</td>
<td>4-5 1/4</td>
<td>3-10 3/4</td>
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<td>4-6 1/4</td>
<td>3-14 3/4</td>
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<td>4-8 1/4</td>
<td>3-22 3/4</td>
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<td>3-26 3/4</td>
<td>4-9 1/4</td>
<td>3-26 3/4</td>
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<td>5-1 1/4</td>
<td>3-34 3/4</td>
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<td>3-38 3/4</td>
<td>5-1 1/4</td>
<td>3-38 3/4</td>
</tr>
</tbody>
</table>

**OTHER GRILLE PATTERNS**

- PRARIE
- PLAZA
- DIAMOND

**UNIT SIZE INFORMATION**

- **180 BRICKMOULD**
  - ADD 2 5/8” TO FRAME WIDTH
  - ADD 1 9/16” TO FRAME HEIGHT*

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

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

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

- **WILLIAMSBURG**
  - ADD 5 1/8” TO FRAME WIDTH
  - ADD 2 13/16” TO FRAME HEIGHT*

- **PLANTATION**
  - ADD 5 5/8” TO FRAME WIDTH
  - ADD 15/16” TO FRAME HEIGHT*

- **SLIMLINE**
  - ADD 5/8” TO FRAME WIDTH
  - ADD 9/16” TO FRAME HEIGHT*

* ADD ADDITIONAL 1 1/2” 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:**

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD. SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
### Legend HBR Series

**LEGEND HBR DOUBLE HUNG - 36" WIDE**

**ELEVATIONS**

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

<table>
<thead>
<tr>
<th>Frame</th>
<th>Masonry Opening</th>
<th>Rough Opg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-8 3/4</td>
<td>3-8 3/4</td>
<td>3-8 3/4</td>
</tr>
<tr>
<td>3-6 1/8</td>
<td>3-6 1/8</td>
<td>3-6 1/8</td>
</tr>
<tr>
<td>3-5 3/8</td>
<td>3-5 3/8</td>
<td>3-5 3/8</td>
</tr>
<tr>
<td>3-2 1/4</td>
<td>3-2 1/4</td>
<td>3-2 1/4</td>
</tr>
<tr>
<td>3-1 1/4</td>
<td>3-1 1/4</td>
<td>3-1 1/4</td>
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<td>3-0 3/4</td>
<td>3-0 3/4</td>
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<td>2-1 1/4</td>
<td>2-1 1/4</td>
<td>2-1 1/4</td>
</tr>
<tr>
<td>2-0 3/4</td>
<td>2-0 3/4</td>
<td>2-0 3/4</td>
</tr>
<tr>
<td>1-1 1/4</td>
<td>1-1 1/4</td>
<td>1-1 1/4</td>
</tr>
<tr>
<td>1-0 3/4</td>
<td>1-0 3/4</td>
<td>1-0 3/4</td>
</tr>
</tbody>
</table>

### OTHER GRILLE PATTERNS

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

### UNIT SIZE INFORMATION

- **180 Brickmould**
  - ADD 2 5/8" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*
- **3 1/2" Flat Casing**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*
- **4 1/2" Backband**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*
- **5 1/2" Flat Casing**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*
- **Williamsburg**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*
- **Plantation**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*
- **Slimline**
  - ADD 5/8" TO FRAME WIDTH
  - ADD 9/16" TO FRAME HEIGHT*
  - ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
  - ADD ADDITIONAL 1 1/32" FOR BELLY SILL

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

### NOTES:

- Masonry Openings are for standard 180 Brickmould.
- Shaded sizes meet most egress requirements. Verify local codes.

8/3/16
Legend HBR Series
LEGEND HBR DOUBLE HUNG - 40" WIDE

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

Other grille patterns:
- Prairie
- Plaza
- Diamond

Unit size information:
- 180 Brickmould:
  - Add 2 5/8" to frame width
  - Add 1 9/16" to frame height
- 3 1/2" Flat casing:
  - Add 5 5/8" to frame width
  - Add 3 1/16" to frame height
- 4 1/2" Backband:
  - Add 7 5/8" to frame width
  - Add 4 1/16" to frame height
- 5 1/2" Flat casing:
  - Add 9 5/8" to frame width
  - Add 5 1/16" to frame height
- Williamsburg:
  - Add 5 1/8" to frame width
  - Add 2 13/16" to frame height
- Plantation:
  - Add 5 5/8" to frame width
  - Add 15/16" to frame height
- Slimline:
  - Add 5/8" to frame width
  - Add 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:
Masonry openings are for Standard 180 Brickmould. Shaded sizes meet most egress requirements verify local codes.
### Legend HBR Series
#### LEGEND HBR DOUBLE HUNG - ORIEL

**ELEVATIONS**

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

<table>
<thead>
<tr>
<th>Masonry Opening</th>
<th>Rough Opg.</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-2 1/8</td>
<td>4-3 1/2</td>
<td>6-7 1/2</td>
</tr>
<tr>
<td>2-3 3/4</td>
<td>4-2 3/4</td>
<td>6-4 1/8</td>
</tr>
<tr>
<td>2-4 3/4</td>
<td>4-6 1/8</td>
<td>6-7 1/2</td>
</tr>
</tbody>
</table>

**Masonry Opening**

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

**Masonry Opening**

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

**Masonry Opening**

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

### UNIT SIZE INFORMATION

<table>
<thead>
<tr>
<th>GRILLE PATTERN</th>
<th>Frame Width Adjustments</th>
<th>Frame Height Adjustments</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 BRICKMOULD</td>
<td>ADD 2 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 1 9/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>3 1/2&quot; FLAT CASING</td>
<td>ADD 5 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 3 1/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>4 1/2&quot; BACKBAND</td>
<td>ADD 7 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 4 1/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>5 1/2&quot; FLAT CASING</td>
<td>ADD 9 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 5 1/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>WILLIAMSBURG</td>
<td>ADD 5 1/8&quot; TO FRAME WIDTH</td>
<td>ADD 2 13/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>PLANTATION</td>
<td>ADD 5 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 5 15/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>SLIMLINE</td>
<td>ADD 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 9/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>180 BRICKMOULD</td>
<td>ADD 1 1/2&quot; TO BELLY SILL</td>
<td></td>
</tr>
<tr>
<td>3 1/2&quot; FLAT CASING</td>
<td>ADD 2 5/8&quot; TO BELLY SILL</td>
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<tr>
<td>4 1/2&quot; BACKBAND</td>
<td>ADD 3 3/8&quot; TO BELLY SILL</td>
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<tr>
<td>5 1/2&quot; FLAT CASING</td>
<td>ADD 5 1/8&quot; TO BELLY SILL</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

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

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
Legend HBR Series
LEGEND HBR DOUBLE HUNG - ORIEL

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

<table>
<thead>
<tr>
<th>Masonry Opening</th>
<th>Frame</th>
<th>Rough Opg</th>
<th>Masonry Opening</th>
<th>Frame</th>
<th>Rough Opg</th>
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<tr>
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<td>7-10 1/8</td>
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<td>10-4 1/8</td>
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</tbody>
</table>

OTHER GRILLE PATTERNS
- PRAIRIE
- PLAZA
- DIAMOND

UNIT SIZE INFORMATION

180 BRICKMOULD
- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

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

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

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

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

SLIMLINE
- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
* ADD ADDITIONAL 1 3/8" FOR BELLY SILL

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

NOTES:
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD. SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/3/16
Legend HBR Series

LEGEND HBR DOUBLE HUNG - COTTAGE

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

<table>
<thead>
<tr>
<th>Masonry Opening</th>
<th>Rough Opg</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/2436-2</td>
<td>16/2436</td>
<td>16/2436-3</td>
</tr>
<tr>
<td>2-2 1/8</td>
<td>4-6 1/8</td>
<td>6-7 1/2</td>
</tr>
<tr>
<td>2-1 3/8</td>
<td>4-3 1/2</td>
<td>6-4 7/8</td>
</tr>
<tr>
<td>2-1 3/8</td>
<td>4-2 3/4</td>
<td>6-1 8</td>
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<tr>
<td>2-8 1/8</td>
<td>5-2 1/8</td>
<td>7-7 1/2</td>
</tr>
<tr>
<td>2-6 1/8</td>
<td>4-11 1/2</td>
<td>7-4 7/8</td>
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<tr>
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<td>4-10 3/4</td>
<td>7-4 1/8</td>
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<tr>
<td>2-9 3/8</td>
<td>5-7 1/2</td>
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<td>8-7 1/2</td>
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<tr>
<td>2-9 3/8</td>
<td>5-6 3/4</td>
<td>8-4 1/8</td>
</tr>
</tbody>
</table>

OTHER GRILLE PATTERNS

- PRAIRIE
- PLAZA
- DIAMOND

UNIT SIZE INFORMATION

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Frame Width</th>
<th>Frame Height</th>
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<tbody>
<tr>
<td>180 BRICKMOULD</td>
<td>ADD 2 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 1 9/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>3 1/2&quot; FLAT CASING</td>
<td>ADD 5 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 3 1/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>4 1/2&quot; BACKBAND</td>
<td>ADD 7 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 4 1/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>5 1/2&quot; FLAT CASING</td>
<td>ADD 9 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 5 1/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>WILLIAMSBURG</td>
<td>ADD 5 1/8&quot; TO FRAME WIDTH</td>
<td>ADD 2 13/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>PLANTATION</td>
<td>ADD 5 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 5 15/16&quot; TO FRAME HEIGHT*</td>
</tr>
<tr>
<td>SLIMLINE</td>
<td>ADD 5/8&quot; TO FRAME WIDTH</td>
<td>ADD 9/16&quot; TO FRAME HEIGHT*</td>
</tr>
</tbody>
</table>

* 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:
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
Legend HBR Series
LEGEND HBR DOUBLE HUNG - COTTAGE

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

Masonry Opening
Frame
Rough Opg.
5-10 13/16
5-9 1/4
5-5 3/4
3-2 3/4
3-0 1/8
2-11 3/8
6-2 1/8
5-11 1/2
5-10 3/4
9-1 1/2
8-10 7/8
8-10 1/8

32/2436
32/2436-2
32/2436-3

UNIT SIZE INFORMATION
180 BRICKMOULD
- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*
3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*
4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*
5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*
WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*
PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*
SLIMLINE
- ADD 5/8" TO FRAME WIDTH
- ADD 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

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION

PRAIRIE
PLAZA
DIAMOND

30/2436
30/2436-2
30/2436-3

NOTES:
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/3/16
**Legend HBR Series**

**LEGEND HBR DOUBLE HUNG - PICTURE**

**ELEVATIONS**

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

<table>
<thead>
<tr>
<th>Masonry Opening Rough Opg</th>
<th>Frame</th>
<th>Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-3 10/16</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>4-7 10/16</td>
<td>12</td>
<td>20</td>
</tr>
<tr>
<td>5-3 10/16</td>
<td>22</td>
<td>26</td>
</tr>
<tr>
<td>5-7 10/16</td>
<td>30</td>
<td>32</td>
</tr>
<tr>
<td>5-11 10/16</td>
<td>32</td>
<td>34</td>
</tr>
<tr>
<td>6-3 10/16</td>
<td>40</td>
<td>42</td>
</tr>
<tr>
<td>6-7 10/16</td>
<td>48</td>
<td>50</td>
</tr>
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</table>

**UNIT SIZE INFORMATION**

- **3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 15/16" TO FRAME HEIGHT

- **4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 15/16" TO FRAME HEIGHT

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

**WILLIAMSBURG**

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

**PLANTATION**

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

**SLIMLINE**

- ADD 9/16" TO FRAME HEIGHT
- ADD 9/16" TO FRAME HEIGHT

*ADD ADDITIONAL 1 1/32" TO HEIGHT FOR BELLY SILLNOSE
*ADD ADDITIONAL 15/32" TO HEIGHT FOR BULLNOSE SILLNOSE

**OTHER GRILLE PATTERNS**

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

**NOTES:**

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

8/3/16
### Legend HBR Series

#### LEGEND HBR DOUBLE HUNG - TRANSOM

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

<table>
<thead>
<tr>
<th>Masonry Opening</th>
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<tbody>
<tr>
<td>2-0 3/4</td>
<td>2-0 3/4</td>
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<tr>
<td>1-10 1/8</td>
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<tr>
<td>1-9 3/8</td>
<td>2-0 3/4</td>
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<tr>
<td>1-5 3/8</td>
<td>2-0 3/4</td>
</tr>
<tr>
<td>1-2 1/2</td>
<td>2-0 3/4</td>
</tr>
<tr>
<td>1-1 1/2</td>
<td>2-0 3/4</td>
</tr>
<tr>
<td>1-0</td>
<td>2-0 3/4</td>
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<tr>
<td>1-4</td>
<td>2-0 3/4</td>
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<td>8</td>
<td>2-0 3/4</td>
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<td>10</td>
<td>2-0 3/4</td>
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<td>14</td>
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<td>16</td>
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<td>2-0 3/4</td>
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<td>26</td>
<td>2-0 3/4</td>
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<tr>
<td>32</td>
<td>2-0 3/4</td>
</tr>
</tbody>
</table>

**Glass**

<table>
<thead>
<tr>
<th>Masonry Opening</th>
<th>Glass</th>
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<tbody>
<tr>
<td>1-5 3/8</td>
<td>1-5 3/8</td>
</tr>
<tr>
<td>1-9 3/8</td>
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<td>2-5 3/8</td>
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<td>3-1 3/8</td>
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<tr>
<td>3-5 3/8</td>
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<td>3-9 3/8</td>
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<td>4-9 3/8</td>
</tr>
<tr>
<td>5-9 3/8</td>
<td>5-9 3/8</td>
</tr>
</tbody>
</table>

**NOTES:**  
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.

**8/3/16**

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**OTHER GRILLE PATTERNS**

- PRAIRIE
- PLAZA
- DIAMOND
Legend HBR Series
LEGEND HBR SINGLE HUNG - ORIEL

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

Masonry Opening
Rough Opg.
Frame

<table>
<thead>
<tr>
<th>Height</th>
<th>1-10 1/8</th>
<th>1-9 3/8</th>
<th>2-5 3/8</th>
<th>2-9 3/8</th>
<th>3-1 3/8</th>
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</thead>
<tbody>
<tr>
<td>Masonry Opening 7-1/2</td>
<td>2-0 3/4</td>
<td>2-4 3/4</td>
<td>2-6 3/4</td>
<td>3-0 3/4</td>
<td>3-4 3/4</td>
</tr>
<tr>
<td>Masonry Opening 7-0</td>
<td>1-10 1/8</td>
<td>2-2 1/8</td>
<td>2-6 1/8</td>
<td>2-10 1/8</td>
<td>3-2 1/8</td>
</tr>
</tbody>
</table>

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION

- **180 BRICKMOULD**
  - ADD 2 5/8" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*
- **3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*
- **4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*
- **5 1/2" FLAT CASING**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*
- **WILLIAMSBURG**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*
- **PLANTATION**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*
- **SLIMLINE**
  - ADD 5/8" TO FRAME WIDTH
  - ADD 9/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1 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:
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHARED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/3/16
Legend HBR Series
LEGEND HBR SINGLE HUNG - SEGMENT TOP

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

UNIT SIZE INFORMATION

180 BRICKMOULD
- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

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

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

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

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

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

SLIMLINE
- ADD 5/8" TO FRAME WIDTH
- ADD 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:
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHADES SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
### Legend HBR Series

**LEGEND HBR SINGLE HUNG - ROUND TOP**

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

#### ELEVATIONS

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<tr>
<th></th>
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<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>2-6 3/8</td>
<td>2-5 3/8</td>
<td>3-0 3/4</td>
<td>3-2 1/8</td>
<td>3-1 3/8</td>
</tr>
<tr>
<td>Rough Opg.</td>
<td>5-5 3/8</td>
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<td>5-7 3/8</td>
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<td>3-0 3/4</td>
<td>3-2 1/8</td>
<td>3-1 3/8</td>
</tr>
<tr>
<td>Rough Opg.</td>
<td>5-4 7/8</td>
<td>5-5 3/8</td>
<td>5-10 11/16</td>
<td>5-10 11/16</td>
<td>5-10 11/16</td>
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<tr>
<td>Masonry Opening</td>
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<td>3-0 3/4</td>
<td>3-2 1/8</td>
<td>3-1 3/8</td>
</tr>
<tr>
<td>Rough Opg.</td>
<td>5-4 7/8</td>
<td>5-5 3/8</td>
<td>5-10 11/16</td>
<td>5-10 11/16</td>
<td>5-10 11/16</td>
</tr>
</tbody>
</table>

**UNIT SIZE INFORMATION**

- **180 BRICKMOULD**
  - **ADD 2 5/8" TO FRAME WIDTH**
  - **ADD 1 9/16" TO FRAME HEIGHT**

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

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

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

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

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

- **SLIMLINE**
  - **ADD 5/8" TO FRAME WIDTH**
  - **ADD 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:

- Masonry openings are for standard 180 Brickmold.
- Shaded sizes meet most egress requirements verify local codes.
- Minimum frame radius is 4 11/16"