# CARNES®

## SPECIFICATION SHEET
### Steel Register & Grille Multi-Panel Construction for Louvered Face Return and Perforated Face Return Models

### IP [English] Dimensions
*Dimensions given in Inches*

## Multi-Panel In-line Construction

**Notes:**
1. Panels will be made in even inch increments unless specified otherwise.
2. Dimensions shown are listed size dimensions.
3. Max. blade length on louvered face models is nominal 48".
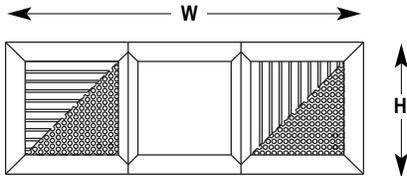4. Panels are sheared and aligned with joining strips.

- •Height: 38-72"
- •Width:  Up to 48"
- •Horizontal Blade Alignment
- •Two Sections

- •Height: Over 72"
- •Width:  Up to 48"
- •Horizontal Blade Alignment
- •Three or More Sections



- •Height: Up to 36"
- •Width: 50" to 96"
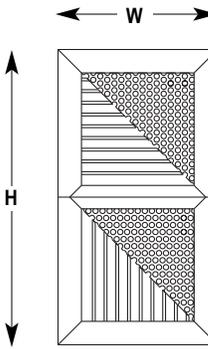- •Horizontal Blade Alignment
- •Two Sections

- •Height:  Up to 48"
- •Width:  38" to 72"
- •Vertical Blade Alignment
- •Two Sections

- •Height: Up to 36"
- •Width:  Over  96"
- •Horizontal Blade Alignment
- •Three or More Sections

- •Height:  Up to 48"
- •Width:  Over  72"
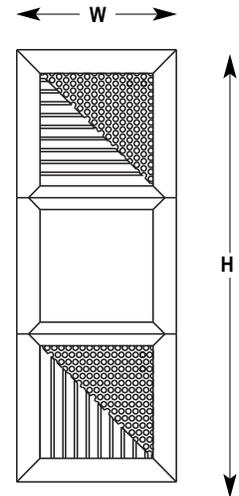- •Vertical Blade Alignment
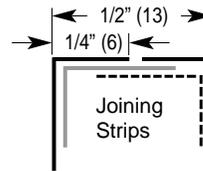- •Three or More Sections

- •Height: 50-96"
- •Width:  Up to 36"
- •Vertical Blade Alignment
- •Two Sections

- •Height: Over 96"
- •Width:  Up to 36"
- •Vertical Blade Alignment
- •Three or more Sections
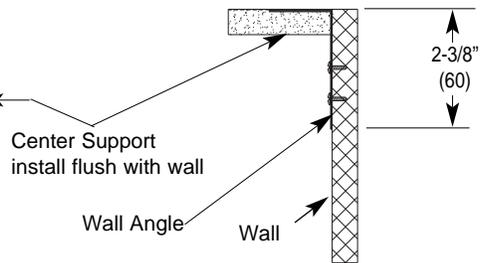
1/2" (13)
1/4" (6)

Joining Strips

## Multi-Panel Ganged Construction

**Notes:**
1. Either the vertical or horizontal joint can be sheared down, but not both.
2. Maximum single panel width is 48" listed size.
3. Maximum blade length on louvered face models is listed size 48".
4. Maximum single panel height is 36" listed size.
5. Panels are made in even inch increments unless specified otherwise.
6. Blade alignment is always parallel to center support.
7. The center support can be aligned vertically or horizontally, depending on the blade alignment desired. It is shown here mounted horizontally.
8. Grille dimensions shown are listed size dimensions.

Duct Height

Duct Width
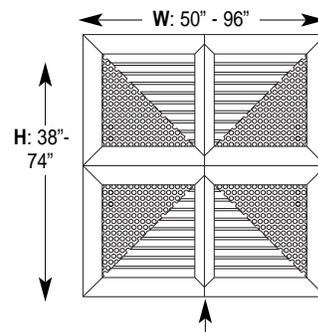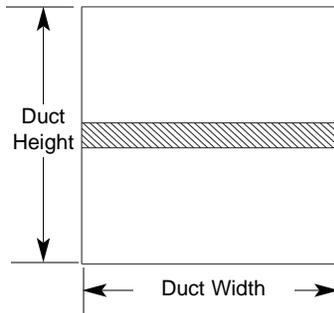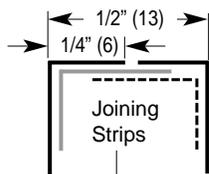
### Center Support Attachment to Wall Opening

2-3/8" (60)

Center Support install flush with wall

Wall Angle    Wall

W: 50" - 96"

H: 38"- 74"

### Cross-Sectional View of Center Support with Grilles Attached

2-1/2" (64)

1/2 (13)    1-1/4" (32)

2" (51)

1/2" (13)
1/4" (6)

Joining Strips

12011