

## Casements - Operating

- Minimum R.O. Size = 18 x 24
- Maximum R.O. Size = 36 x 72
- 8:1 glass ratio must be tempered

\*\*All operating casement units have reinforcement in the bottom rail as standard. Units exceeding 42" in height will have reinforcement in the stiles and top rail.

## Casement - Stationary

- Minimum R.O. Size = 18 x 12
- Maximum R.O. Size = 96 x 72 - Cannot be larger in width or height

## Casement Bow / Bay Windows

- U.D. width not to exceed 120"

## Casement Transoms

- Maximum R.O. = 96 x 12
- 28" 3 wide is the largest 1 lite transom used over mullied units - Glass width larger than 96" will be a multiple unit
- 8:1 glass ratio must be tempered

## Operating Awnings

- Minimum R.O. = 20-1/2 x 15-1/4
- Maximum R.O. = 48 x 36

**Note:** Units larger than 36 x 36 must be disclaimed - No Warranty for Operation or Performance

## Double/Single Hung

- Minimum R.O. = 14 x 28
- DH Maximum R.O. = 48 x 84
- SH Maximum R.O. = 48 x 96 or 44 x 108

## Single Gliders

- Minimum R.O. = 28 x 10
- Maximum R.O. = 72 x 60

## Triple Gliders

- Minimum R.O. = 54 x 24
- Maximum R.O. = 96 x 60

## Slide Door (Operating and Stationary)

- Minimum R.O. = 4/0 x 6/0
- Maximum R.O. = 16/0 x 8/0

**Note:** All door glass is tempered

## Slide Door Transoms

- Max R.O. = 110-3/16 x 12
- Note:** Local code may require transom glass to be tempered
- 8:1 glass ratio must be tempered

## In-Swing Doors

- Minimum R.O. = 2/6 x 6/8
- Maximum R.O. = 6/0 x 6/10
- Radius Door Minimum R.O. = 2/8 x 6/10
- Radius Door Maximum R.O. = 6/0 x 6/10
- 8:1 glass ratio must be tempered

## Direct Set / Single Hung Studio

- Minimum R.O. - Direct Set = 12 x 12
- Minimum R.O. - SH Studio = 12 x 18
- 10' Maximum in either width or height, not to exceed 40 square ft.

## Segment Head Casements

- Minimum R.O. = 24 x 24
- Maximum R.O. = 36 x 60 or 32 x 66 or 28 x 72

## Segment Head Single Hung

- Minimum R.O. = 18 x 28
- Maximum R.O. = 48 x 84

## Jamb Extensions

Maximum Applied Jamb Extension:

- Single Hung and Single Slider = 6-9/16"
- Double Hung, Casement & Direct Set = 7-3/16"