



Approved for hurricane impact applications. See Test Results section for additional information.

## TILT/TURN

### Hardware

#### Operator

Multi-latchpoint fully-concealed locking hardware controlled by single lever handle control. Horizontal and vertical perimeter locking points ensure weather-tight performance and security. In the turn mode, an adjustable friction stay holds window in any open position from 0° to 90°. In the tilt mode, the sash projects in at head approximately 10° to provide controlled ventilation without compromising security.

Egress: Available as quick-release pin at sash connection.

#### Lever Handle

Operating hardware accepts any lever handle with 43mm attachment spacing and 7mm sq. spindle. A wide variety of styles and finishes are available from various manufacturers.

#### Optional Hardware

Custodial locks, sash restrictors, removable operating handle.

### Insect Screens

1" x ¼" tubular extruded frames in anodized bronze, mill finish aluminum or custom color painted aluminum. Mesh of 18 x 16 screen cloth held with vinyl spline, available in charcoal finished aluminum, mill finish aluminum, stainless steel or bright brass. Maximum width of screen mesh is 72". Wood-framed screens are available.

### Glazing

All glazing is per project specifications. Duratherm can accommodate most configurations and make-ups from ⅛" single glazed to a maximum of 1¾" security glass. Refer to the Glass and Glazing Guide in the Introduction section of this binder.

Clear glass opening: Unit height minus 7¾", unit width minus 6¾".

### Weather-Stripping

Double continuous extruded silicone flap gasket set in rebate around the perimeter of the sash. Engaging the multi-latchpoint espagnolettes compresses the weather-strip to ensure a tight seal.

### Sizing

The minimums and maximums shown are intended as guidelines. For applications that exceed these ranges, please contact the factory for assistance.

#### General

WIDTH: Minimum: 18"  
Maximum: 62"

HEIGHT: Minimum: 30"  
Maximum: 96"

To ensure smooth and trouble-free operation over time:

At maximum width of: 62"  
limit height to: 60"

At maximum height of: 96"  
limit width to: 36"

Maximum area for a single sash: 25 sq ft

#### Egress

Based on:

20" clear width  
24" clear height  
5.7 sq ft clear opening

Minimum unit width: 28"  
Minimum unit height: 30"

To meet egress requirements:

At minimum unit width of: 28"  
height must be at least: 48"

At minimum unit height of: 30"  
width must be at least: 40"

#### Frame Depths

Standard frame depth: 6¼"

Minimum frame depth\*: 4¾"

Maximum frame depth: 10"

\* Contact factory for frame depths less than 6¼".

