

# Single Panel Door Screens

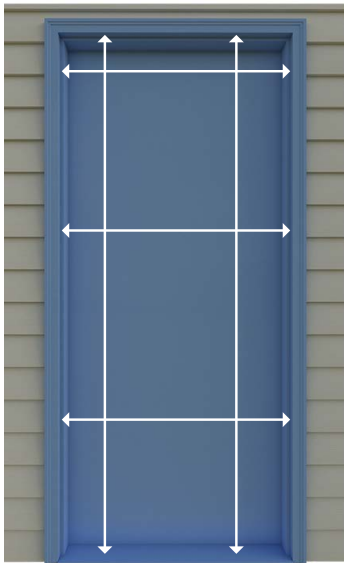
## Measuring Guide

(Not applicable to COOL™ Door Screens).



### Measure a typical hinged door for the net screen opening dimensions.

Begin by deciding where best to position the screen. The opening must be plumb, level and square and, the bottom guide of the retractable screen must rest on a flat, level and solid surface. Make any needed adjustments to the opening (or plan and allow for shimming) before measuring for the screen. Determine the "NET SCREEN OPENING DIMENSION" (width x height) as measured from where the outside most edges of the retractable screen will rest. Screens are then made to fit these dimensions. Manufacturing tolerances are plus or minus 1/16". We recommend that with inside the frame installations (options A or B) that you deduct an additional 1/16" in the width and height dimensions that you submit in order to assure that the screen is not too tight in the opening during installation. If you plan on using shims or threshold transitions then be sure to also deduct appropriately for these. See the product model catalog pages and installation instructions for more detail.



### Common Installations:

- OPTION A:** Inside the Frame (Recess/Inset Mounted)
- OPTION B:** Fully Inside the Frame (Recess/Inset Mounted)
- OPTION C:** Outside the Frame (Surface/Face Mounted)

### Record Final Net Screen Opening Dimensions:

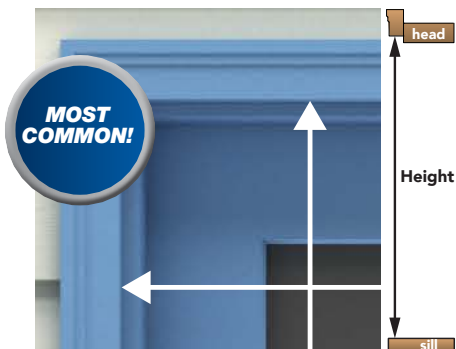
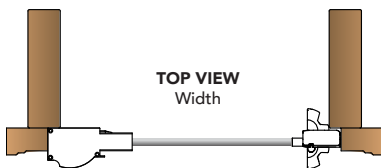
(If using installation option A or B, deduct 1/16" from the width and height to order).

**Width:**

**Height:**

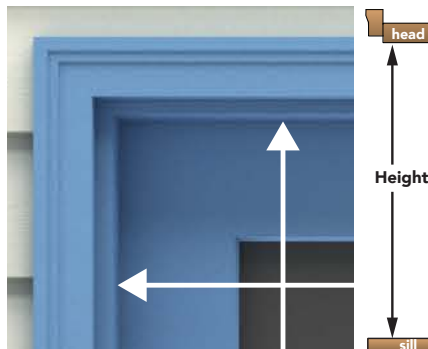
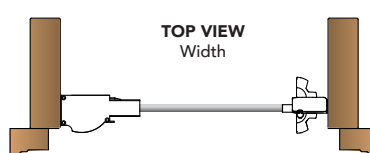
### OPTION A (Recommended)

Inside the Frame Installation:  
(Recess Mounted) at the Brickmould



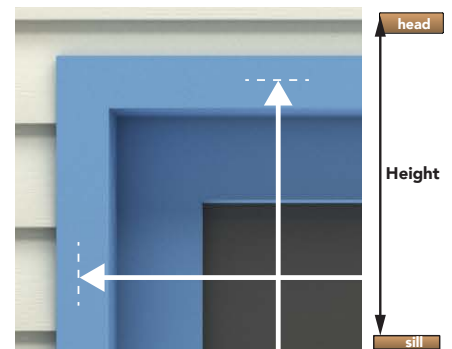
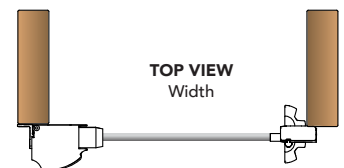
### OPTION B

Inside the Frame Installation:  
Fully Inside the Master Frame



### OPTION C

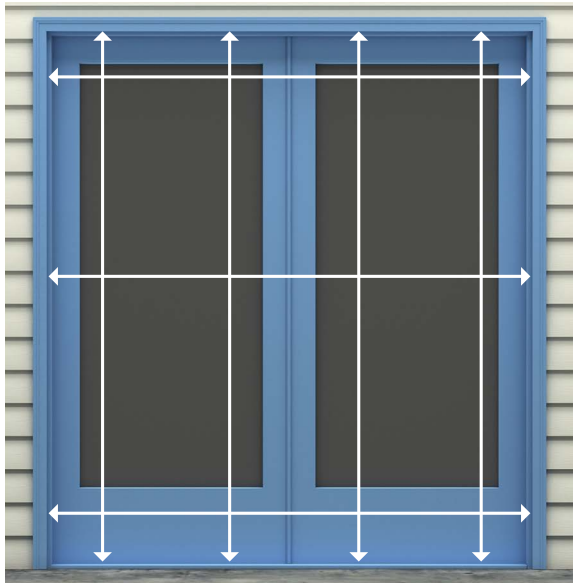
Outside the Frame Installation:  
(Surface/Face Mounted)



Note: For sliding patio doors, terrace doors and other openings, please contact us for additional guidance.

## Measuring a typical hinged double door for the net screen opening dimensions.

Begin by deciding where best to position the screen. The opening must be plumb, level and square and, the bottom guide of the retractable screen must rest on a flat, level and solid surface. Make any needed adjustments to the opening (or plan and allow for shimming) before measuring for the screen. Determine the "NET SCREEN OPENING DIMENSION" (width x height) as measured from where the outside most edges of the retractable screen will rest. Screens are then made to fit these dimensions. Manufacturing tolerances are plus or minus 1/16". We recommend that with inside the frame installations (options A or B) that you deduct an additional 1/16" in the width and height dimensions that you submit in order to assure that the screen is not too tight in the opening during installation. If you plan on using shims or threshold transitions then be sure to also deduct appropriately for these. See the product model catalog pages and installation instructions for more detail.



### Common Installations:

- OPTION A:** Inside the Frame (Recess/Inset Mounted)
- OPTION B:** Fully Inside the Frame (Recess/Inset Mounted)
- OPTION C:** Outside the Frame (Surface/Face Mounted)

### Record Final Net Screen Opening Dimensions:

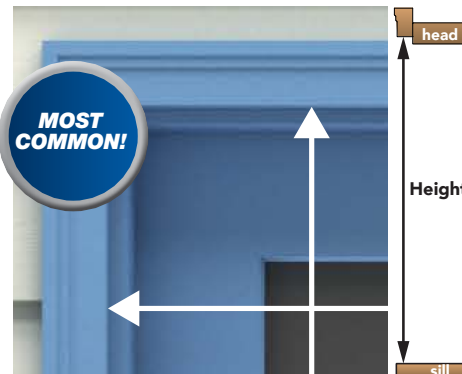
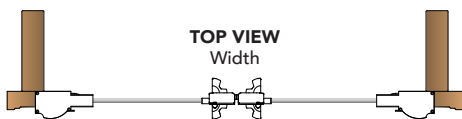
(If using installation option A or B, deduct 1/16" from the width and height to order).

**Width:**

**Height:**

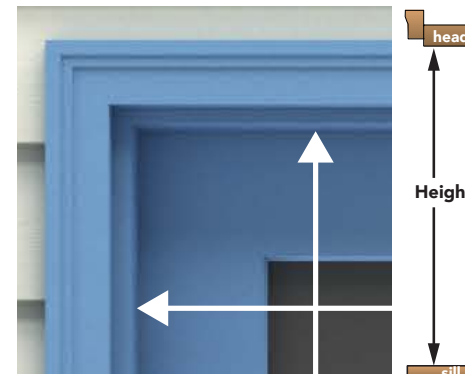
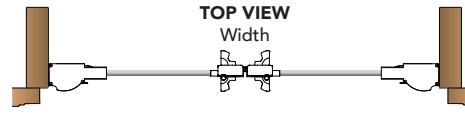
#### OPTION A (Recommended)

Inside the Frame Installation:  
(Recess Mounted) at the Brickmould



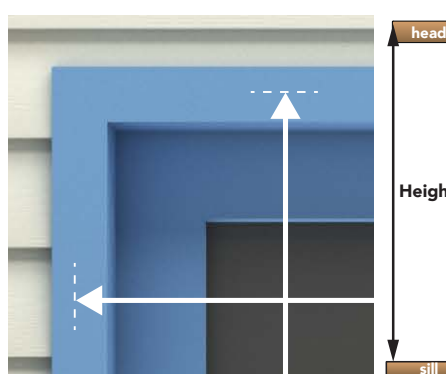
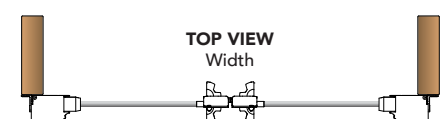
#### OPTION B

Inside the Frame Installation:  
Fully Inside the Master Frame



#### OPTION C

Outside the Frame Installation:  
(Surface/Face Mounted)



Note: For sliding patio doors, terrace doors and other openings, please contact us for additional guidance.

# Window Screens

## Measuring Guide

### Measuring for the net screen opening dimensions for a retractable window screen.

There are different operating types of windows and there are a wide variety of frame designs. Based on operating type and/or preference, some screens may need to be installed on the interior while others on the exterior of the window. Before measuring determine the best placement of the screens (aesthetically, operationally and for the stability). Window frame stylization and decorative moldings may require that you install shims so that the screen can be installed in a stable, plumb and level manner.

Begin by determining the "NET SCREEN OPENING DIMENSION" (width x height) as measured from where the outside most edges of the retractable screen will rest (see image "A"). Screens are then made to fit the Net Screen Opening Dimensions. We recommend deducting an additional 1/16" in the width and height dimensions in order to assure the screen is not too tight in the opening during installation.

All window screen orders default to being Inside the Frame (Recess Mounted) unless specifically noted that the screen will otherwise be Outside Mounted (Surface Mounted). When Outside Mounting (Surface Mounting), a Cascade series window screen, please note the type of mounting and then provide the Net Screen Opening dimensions as defined as:

- Width: The tip-to-tip measurement of the final assembled screen Cassette (see image "A").
- Height: The measurement from the outmost edge where the screen Cassette will rest to the tip of the Side Guide Rail End Cap (see image "A").

The following illustrations show how to measure the Net Screen Opening Dimension of a retractable window screen.

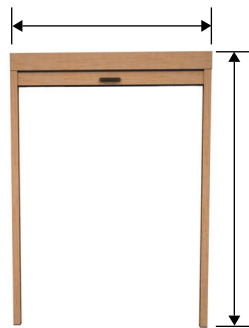


Image A



Image B

Some Genius Retractable Screen models (e.g. Cascade series screens) can be installed in one of two orientations so that the protruding area of the Cassette faces away (most typical~ see image "C"), or toward the window frame (see image "D"). As mentioned the most typical way is for the protruding area of the Cassette to face away from the frame however there can be applications where reversing the orientation is useful to help avoid existing window hardware or, for appearance and other reasons. For further detail refer to the Genius installation instructions for the retractable window screen model.



Image C

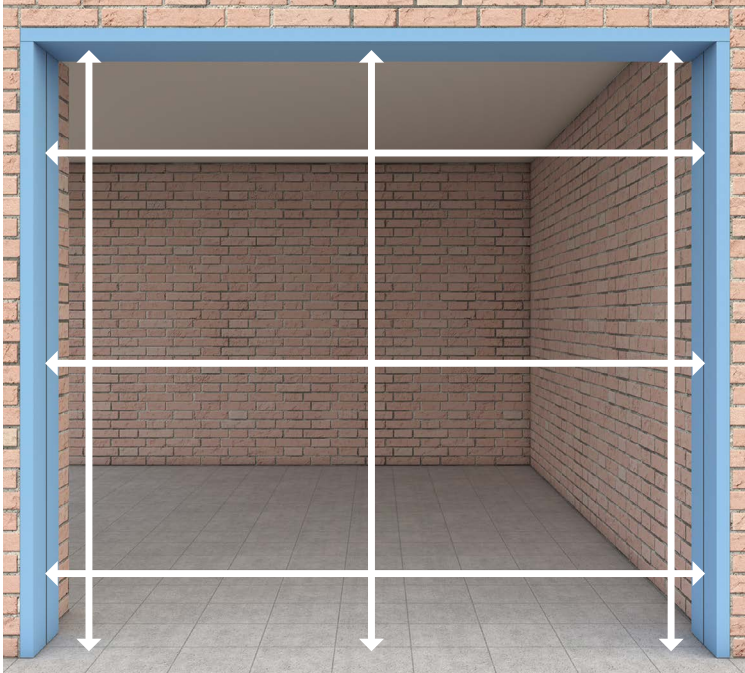


Image D

Please note that there is a set of ordering instructions listed on either page 2 or 3 of the catalog page for each Genius model. To speed the processing of a request please take care to answer each question when submitting written orders.

### Measuring for the net screen opening dimensions.

Begin by deciding where best to position the screen. The opening must be plumb, level and square and, the bottom guide of the retractable screen must rest on a flat, level and solid surface. Make any needed adjustments to the opening (or plan and allow for shimming) before measuring for the screen. Determine the "NET SCREEN OPENING DIMENSION" (width x height) as measured from where the outside most edges of the retractable screen will rest. Screens are then made to fit these dimensions. Manufacturing tolerances are plus or minus 1/16". Because of this we recommend that you deduct an additional 1/16" in the width and height dimensions that you submit in order to assure that the screen is not too tight in the opening during installation.



### Recommended Installation Type:

**OPTION A:** Inside the Frame (Recess/Inset Mounted)

### Record Final Net Screen Opening Dimensions:

(Deduct 1/16" from the width and height to order).

**Width:**

**Height:**

### Before you Measure

Before measuring, ordering and installing the screen, ensure that the opening is plumb, level, square and at the bottom there is a flat, stable, and smooth mounting surface. If needed add a metal strip or other material (sourced elsewhere), to create a suitable surface for mounting the bottom guide rail of the retractable screen.

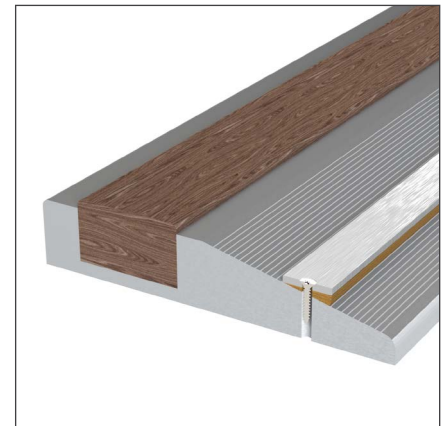
### Examples



Example for an Uneven Tile Floor.



Example for an Aggregate Cement Floor.



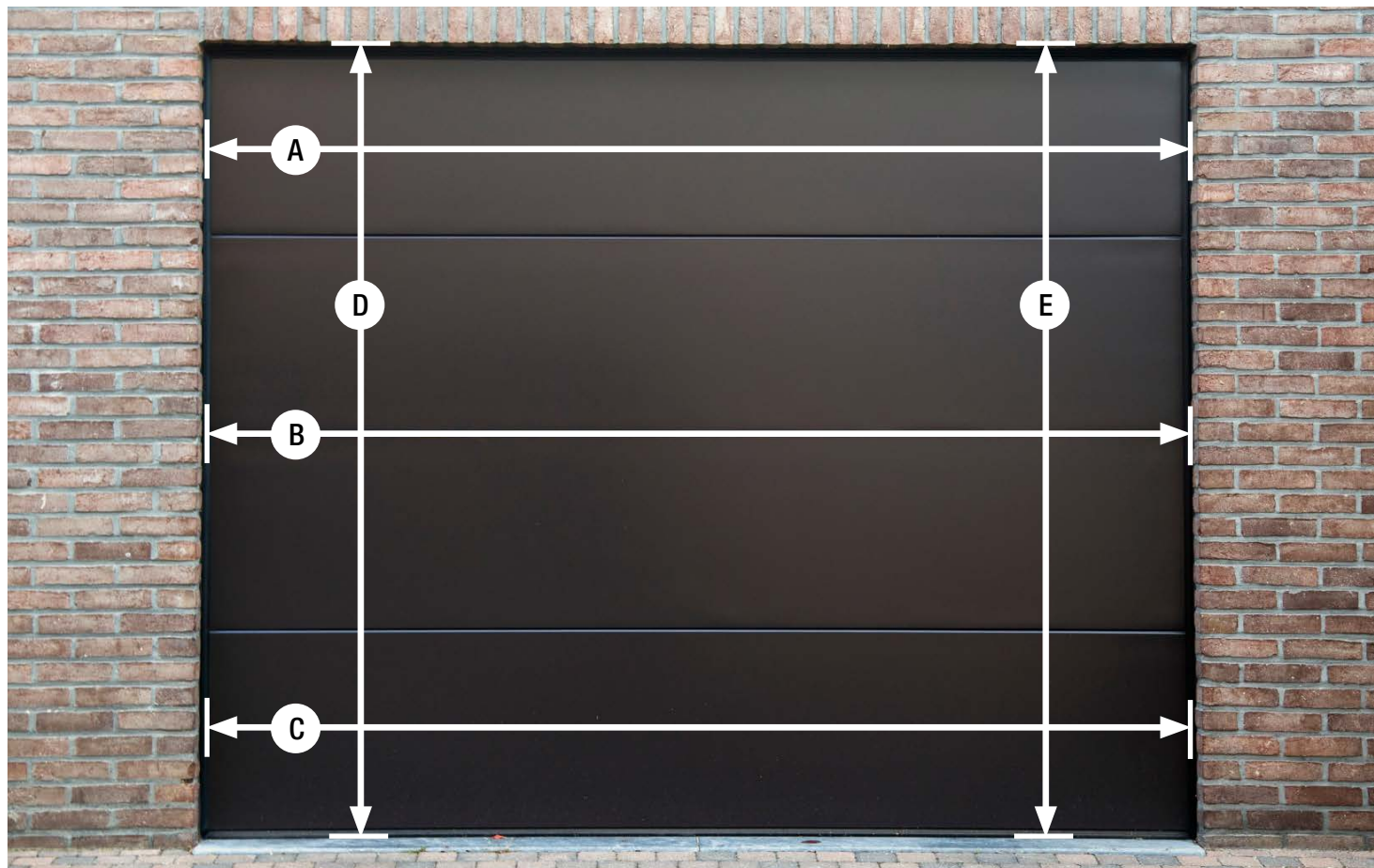
Example for an Angled Door Sill.

# Retractable Motorized Screen

Inside Mount Motorized Screen



Use these instructions to measure your opening for an **inside mount motorized screen**. Supply the final width and final height when ordering.



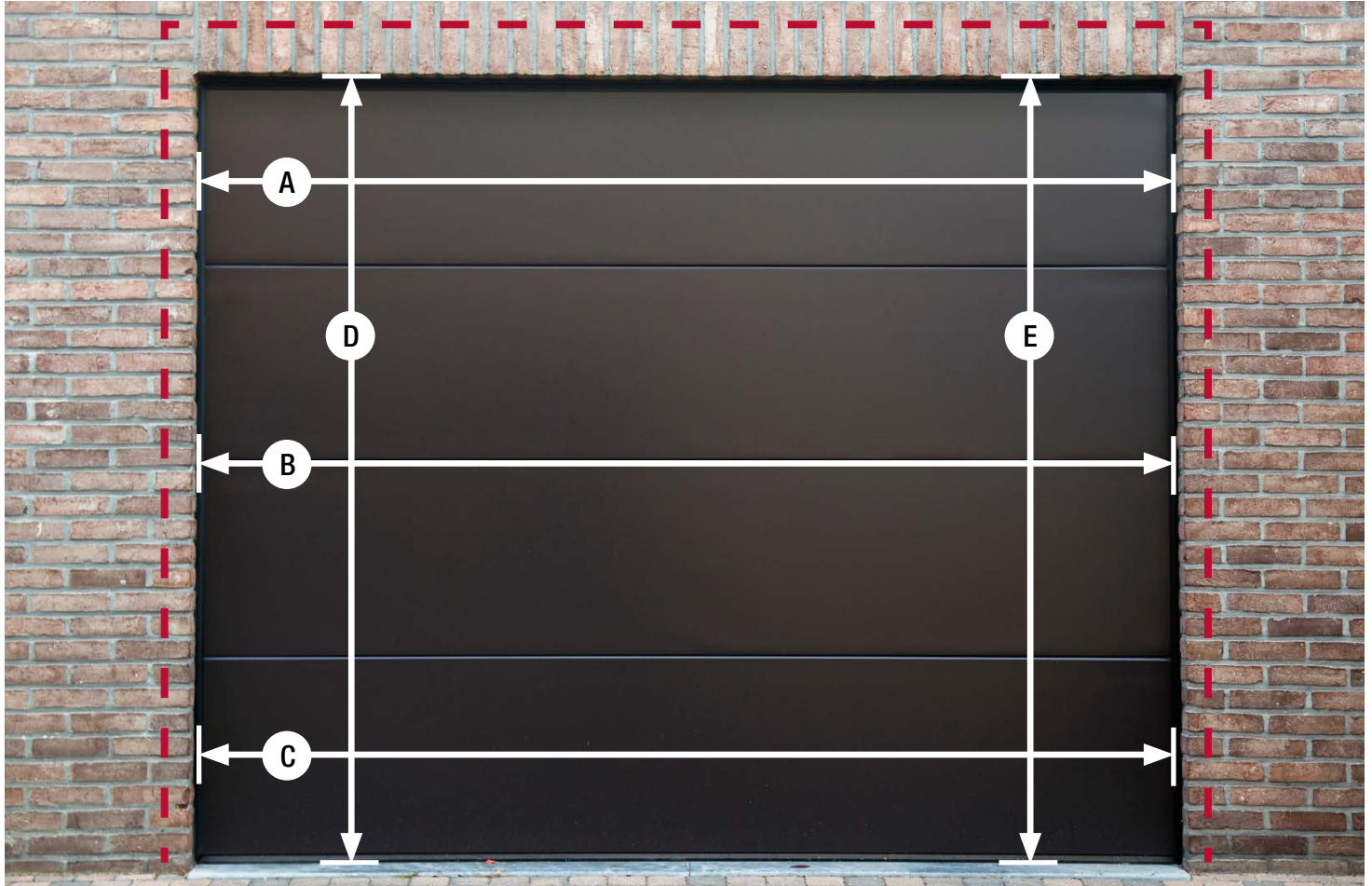
Measure distances A, B and C in inches and record below. Take the narrowest measurement and **subtract half an inch**: This is your final width.

A	Width	B	Width	C	Width	Final Width	
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Measure distances D and E in inches and record below. The highest measurement is your final height.

D	Height	E	Height	Final Height	
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Use these instructions to measure your opening for an **outside mount motorized screen**. Supply the final width and final height when ordering.



Measure distances A, B and C in inches and record below. Take the widest measurement and **add 5 inches**: This is your final width.

Note: This will allow for the screen to be outside mounted and without infringing on the daylight opening.

A	Width	B	Width	C	Width	Final Width
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Measure distances D and E in inches and record below. Take the highest measurement and **add 10 inches**: This is your final height.

Note: This will allow for the housing and bottom bar to rest above the opening and without infringing on the daylight opening. If there is a header, ceiling or other obstruction above the opening, you can add less than 10 inches to create the final height. However, this will cause the screen to infringe on the daylight opening.

D	Height	E	Height	Final Height
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# Threshold Options

Smooth Fabric Retractable Screen



The items shown here and above are available as Genius bulk component parts. Please see the Genius bulk components detail for more information. Extrusion lengths require **LTL shipping**.

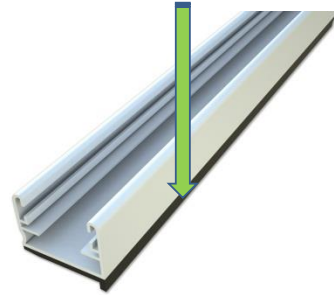


## 7/8" Wide Sloped Sill Wedge Shim

(each Wedge Shim is 12" in length)

06-53000-0-5B

(Use with Genius 15mm x 22mm Bottom Guide)



## 7/8" Wide Sloped Sill Wedge Shim

06-53000-0-5B

(Shown being used with Genius 15mm x 22mm Bottom Guide)

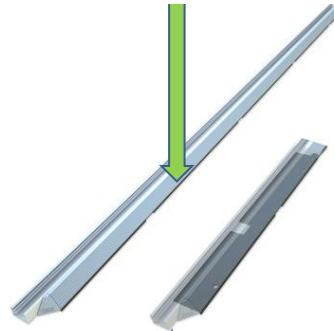


## 1-9/16" Wide Sloped Sill Wedge Shim

(each Wedge Shim is 12" in length)

06-53010-0-5B

(Use with Genius 15mm x 22mm Bottom Guide & Narrow Transition)



## Sloped Sill Shim with Narrow Transition

06-53010-0-5B & 01-12370-X-XB

(Shown being used with Genius 15mm x 22mm Bottom Guide)

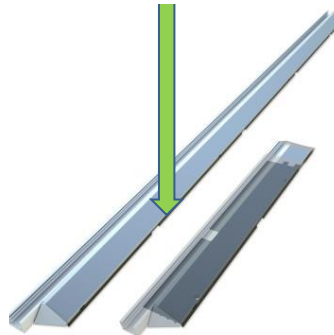


## 2-3/16" Wide Sloped Sill Wedge Shim

(each Wedge Shim is 12" in length)

06-53020-0-5B

(Use with Genius 15mm x 22mm Bottom Guide & Medium Transition)



## Sloped Sill Wedge Shim with Med. Transition

06-53020-0-5B & 01-12380-X-XB

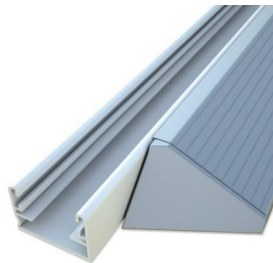
(Shown being used with Genius 15mm x 22mm Bottom Guide)



## Narrow Transition

01-12370-X-XB

(Shown being used with Genius 15mm x 22mm Bottom Guide)



## Medium Transition

01-12380-X-XB

(Shown being used with Genius 15mm x 22mm Bottom Guide)

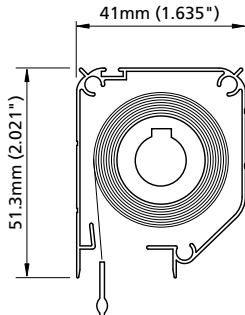
Also available in conveniently packaged threshold transition kits:

Each kit includes two aluminum Threshold Transitions and Transition End Caps (no Sloped Sill Wedge Shims).

Eligible for parcel shipping!

Transition Style	Description	Part No. Silver Finish	Part No. Bronze Finish
Narrow	2 Pieces, <b>40" Long</b>	06-01120-0-0	06-01120-1-2
	2 Pieces, <b>72" Long</b>	06-12010-0-0	06-12010-1-2
Medium	2 Pieces, <b>40" Long</b>	06-01130-0-0	06-01130-1-2
	2 Pieces, <b>72" Long</b>	06-12020-0-0	06-12020-1-2

## Cassette Housing: 41mm



**Overview:**

The 41mm screen cassette features straight lines and a contemporary look.

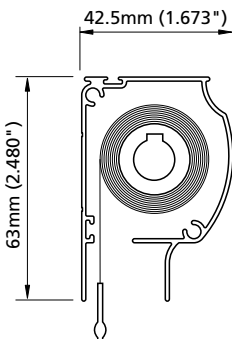
**Applications:**

Incognito Window Screens

**Models:**

Incognito<sup>®</sup> and Incognito<sup>®</sup> Window Screens

## Cassette Housing: 42.5mm



**Overview:**

The 42.5mm screen cassette features rounded, smooth edges for a soft appearance. Perfect for larger or taller doors, and windows.

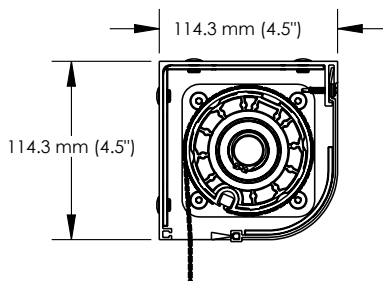
**Applications:**

Single Door, Double Door, and Window Screens

**Models:**

Milano, Cascade

## Cassette Housing: 4.5"



**Overview:**

Cassette Housing option when ordering the Genius Retractable Motorized Screen.

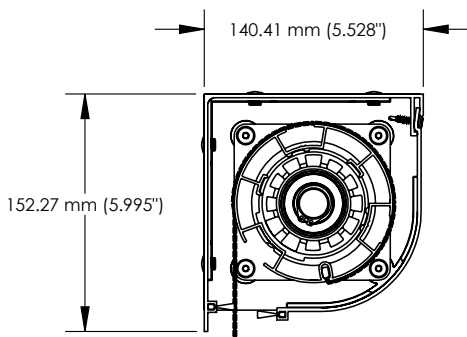
**Applications:**

Medium to large openings such as porch areas, gazebos, garage doors and much more.

**Models:**

Retractable Motorized Screen 6+ and 8+

## Cassette Housing: 5.5"



**Overview:**

Cassette Housing option when ordering the Genius Retractable Motorized Screen.

**Applications:**

Medium to large openings such as porch areas, gazebos, garage doors and much more.

**Models:**

Retractable Motorized Screen 7+, 9+ and 10+