Winco Revit Window Models

Introduction

After many requests from our clients and customers, Winco now has Revit window models available for download. Use the product selection guide in the link below to view the different window series along with their Revit files. If you have additional questions, please *Contact Us!* We will do everything possible to help our customers and clients arrive at the best outcomes.

Instructions for General Use

Revit families provided by Winco Window are designed to accommodate all levels of Revit expertise in a streamlined fashion. These universalized models are equipped with a multitude of parameters to provide visually accurate representations of our windows with ease of use. Below is a listing of step-by-step instructions for each function provided.

Upon inserting .rfa file into your Revit project:

Height/Width: "Type Properties" > "Dimension" section > "Height" or "Width" type desired value > "Apply" or "OK"

Sill Height: "Type Properties" > "Other" section > "Default Sill Height" type desired value > "Apply" or "OK"

Depth from Exterior Face of Wall: "Type Properties" > "Dimension" section > "Depth from Exterior" type desired value > "Apply" or "OK"

Materials: "Type Properties" > "Materials and Finishes" section > "…" in "value" box within "Glass Material" or "Frame Material" > utilize preloaded materials or upload new material > "Apply" or "OK"

Operable Window Vent: "Type Properties" > "Dimension" section > "Vent Angle" type desired value > "Apply" or "OK"

Multi-Grid Member Quantity*: "Type Properties" > "Other" section > ensure "Single Horizontal/Vertical Member Vis" is turned off > ensure "Horizontal/Vertical Member Array Vis" is turned on > "Horizontal Member Array" or "Vertical Member Array" type in desired value > "Apply" or "OK"

Single Grid Member**: "Type Properties" > "Other" section > ensure "Horizontal/Vertical Member Array Vis" is turned off > ensure "Single Horizontal/Vertical Member Vis" is turned on > "Apply" or "OK"

*Multi-Grid Members refers to having a number of gridline members greater than one (i.e. 2+ horizontal and/or vertical members).

**Single Grid Member refers to the independent visibility function that allows for a single horizontal or vertical grid member. As "array" functions are not able to quantify "1" as a valid input, this function has been separated from the "Multi-Grid Member Quantity" function.

Interior Rails

Separate family models have been provided for the instances of varying interior rails. As rail members and grid members behave differently regarding fabrication, the best streamlined and universal solution is to provide a separate model with one vertical rail and a separate model with one horizontal rail. All functions listed above are equally applicable to additional rail models.

For models including a horizontal or vertical rail:

Horizontal Rail Location*: "Type Properties" > "Dimension" section > "Bottom Bay Height" type desired value > "Apply" or "OK"

Vertical Rail Location**: "Type Properties" > "Dimension" section > "Left Bay Width" type desired value > "Apply" or "OK"

*Horizontal Rail Location determines where the horizontal rail is placed on the window work plane. This is determined by the height of the bottom glass pane (i.e. for a "midpoint" based rail, determine the height of the window, subtract the thickness of the top and bottom frame, subtract the thickness of the rail, and divide by two. This should result in two window bays equal in height).

**Vertical Rail Location determines where the Vertical rail is placed on the window work plane. This is determined by the width of the left glass pane in the "exterior elevation" view (i.e. for a "midpoint" based rail, determine the width of the window, subtract the thickness of the left and right frame, subtract the thickness of the rail, and divide by two. This should result in two window bays equal in width).

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Disclaimer of Quality and Performance

It should be noted that Revit models and Revit families are not designed to replace traditional detail and shop drawings, especially from a manufacturer. Winco's Revit family models are solely meant to provide an accurate visual representation of an extensive library of window series and configurations. All profiles included in the models' components are not to be considered factual geometry. Standard widths, heights, and depths of window members are accurate for general reference; however, accurate dimensions are limited to such and should specifically be referenced in verified shop drawings and details. Please note that the provided models are not customized by project but are universalized representations of series and configurations that display significant design differences. As Winco continuously revises its library of Revit families with new configurations, fixes of bugs and errors, and enhancements to performance will be included over time. Please contact your *Winco Rep* for project specific proposal details.

Type and Instance Parameters

In efforts to streamline users' workflow, all parameters (with the exception of the window/door opening parameter) are "type" parameters. Designating these parameters as a "type" will allow you to assign parameters to the various types of window configurations on the project schedule rather than assigning parameters to each individual window. For example, if half of the windows in your building are 5'-0" x 3'-0" and the other half are 6'-0" x 4'-0", you can assign two different "types" of the same window that can follow like parameters. "Opening" parameters are the only ones set as an "instance" parameter which serve family models on an individual basis. For example, if you would like to represent one window with an open vent and a second identical window with a closed vent, this parameter allows for unique capability.

Please see below for links to access the Revit files along with direct links to the website for product information. If you have additional questions, please *Contact Us!* We will do everything possible to help our customers and clients arrive at the best outcomes.

Series (Link to website)	Revit File
1150	1150
1150S	1150S
1450	1450

1450 Hung Replica	1450 HR
1450 Sliding Replica	1450 SR
1450S	1450S
1450S Hung Replica	1450S HR
1550	1550
3250 (Contemporary)	3250 Contemporary
3250 Steel Replica	3250 Steel Replica
3325CW Zero Sightline Vent	3325CW
3325SF Zero Sightline Vent	3325SF
3350	3350
3410 Sliding	3410
3600 Sliding	3600
4410 Single Hung	4410
4410S Single Hung	4410S
4500 Double Hung	4500
4500S Double Hung	4500S
8325F	8325F
8325S	8325S
8800 Behavioral Care Window	8800
8800 Retro-Fit	8800 Retrofit
NC-82 Terrace Door	NC-82 Terrace Door