

## READ THIS PRIOR TO USING HUF COR REVIT CONTENT

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### General

1. All Hufcor Autodesk Revit content has been created to serve as a schematic representation of Hufcor products inside Revit models. This content has the ability to demonstrate several different model configurations and product options. Some configurations and options will require direct input from Hufcor. For further assistance with complex product configurations, please contact your local Hufcor representative by visiting <http://www.hufcor.com/findyourrep.asp>.
2. Content is created using Revit Architecture 2012.
3. Do not edit the families.
  - 3.1. All parameters used to generate accurate product information are populated in the *Formula* column and enclosed in quotation marks. Do not modify these parameters for any reason or the family may lose functionality.
  - 3.2. All parameters with formulas used to generate accurate model geometry are grouped under *Constraints*. Do not modify these parameters for any reason or the family may lose functionality.
4. This family uses Assembly Code *C1010300 Retractable Partitions*, OmniClass *23.25.40.17.24 Vertically Sliding Room Dividers*, and CSI *MasterFormat 10 22 39*. The Category is Specialty Equipment.
5. Materials indicated in the family are a schematic representation of actual Hufcor materials. For exact material samples, please contact your local representative.

### Use and Function

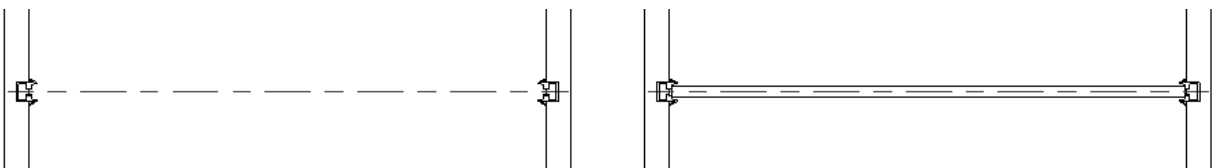
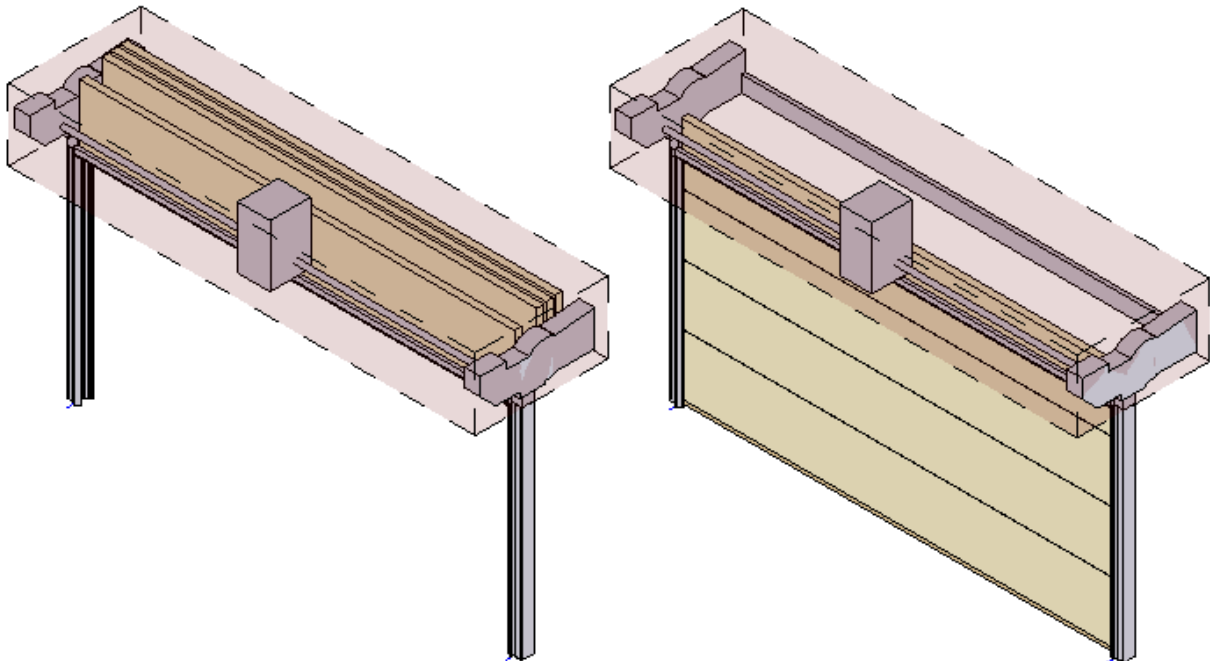
1. The origin is at the center of the partition.
2. Width is flexible as an *Instance Parameter* under *Constraints*. Grips are available.
3. Height is flexible as an *Instance Parameter* under *Constraints*. Height controls the ceiling trim height and panel quantity, along with the height of fixed items above the ceiling (motor, drive boxes and drive shafts, etc.). Constraints limit the assembly height to a maximum manufactured height of 17'-6", and a minimum height of 5'-3". Entering a height higher or lower than the limits will not increase or decrease the height beyond those limits. Changing this value has no effect on the modeled ceiling assemblies in the project.
4. The following custom objects styles are available to control display.

Visibility	Projection/Surface		Cut	
	Lines	Patterns	Lines	Patterns
<input checked="" type="checkbox"/> Site				
<input checked="" type="checkbox"/> Specialty Equipment				
<input checked="" type="checkbox"/> Alignment Guide				
<input checked="" type="checkbox"/> Ceiling Items				
<input checked="" type="checkbox"/> Centerline				
<input checked="" type="checkbox"/> Clearance				
<input checked="" type="checkbox"/> Hidden Lines				
<input checked="" type="checkbox"/> Operable Partition Panel				
<input checked="" type="checkbox"/> Overhead				
<input checked="" type="checkbox"/> Stairs				

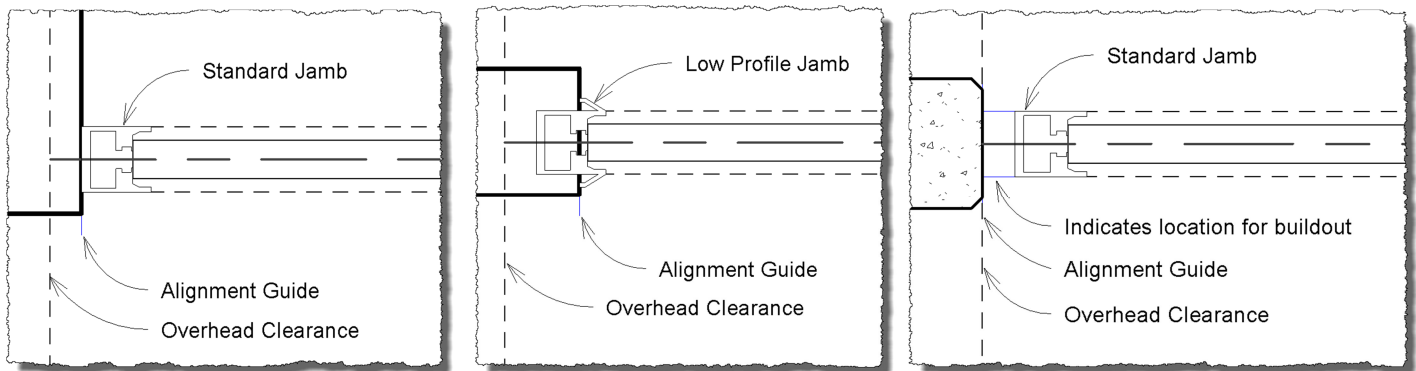
- 4.1. Alignment Guide is used in 2D representations as an aid to show where the end of the family should align to the face of a wall. This guide is in the same plane as the grip. It can be hidden after alignment. See Jamb Options.
- 4.2. Ceiling Items is used for 2D and 3D representations of fixed objects located above the ceiling (motor, drive boxes and drive shafts, etc.).
- 4.3. Centerline is used for 2D representation of the partition centerline.
- 4.4. Clearance is used for 2D representation to assist the designer placing walls, floors and ceilings in plan, section or elevation. Clearance is also used for 3D representations to assist in clash detection.
- 4.5. Operable Partition Panel is typically used to control panel display in reflected ceiling views. Hide this category to see only the track representation in a ceiling view.
- 4.6. Overhead is used for ceiling trim elements. It may be hidden in plan or set to a Solid line in ceiling views.
5. The following Instance Parameters are available for project design flexibility.

Graphics	
Wall Open	<input type="checkbox"/>
Right Standard Jamb	<input checked="" type="checkbox"/>
Right Low Profile Jamb	<input type="checkbox"/>
Right Buildout for STD Jamb	<input checked="" type="checkbox"/>
Left Standard Jamb	<input checked="" type="checkbox"/>
Left Low Profile Jamb	<input type="checkbox"/>
Left Buildout for STD Jamb	<input checked="" type="checkbox"/>

- 5.1. Wall Open is used in 2D and 3D views to display the panels in the stacked position above the ceiling.



- 5.3. Right Standard Jamb displays a 6 5/8" deep, extruded aluminum jamb. The back of the jamb should be aligned with the face of a wall. NOTE: An additional 3" of clearance width is required above the ceiling.
- 5.4. Right Low Profile Jamb displays a 2 1/2" deep, extruded aluminum jamb. The back of the angled trim should be aligned with the face of the wall using the Alignment Guide or grips. NOTE: An additional 7 1/8" of clearance width is required above the ceiling, while 4 1/8" of jamb is recessed in the wall. This option is automatically selected when Right Standard Jamb is unselected. Right Low Profile Jamb should not be used in conjunction with Right Buildout for STD Jamb.
- 5.5. Right Buildout for STD Jamb displays a standard 6 5/8" jamb, plus a 3" buildout (by others) between the back of the jamb and a wall. Use the Alignment Guide or grips to align with the face of a wall. Use this option when the additional clearance width required above the ceiling for a Standard or Recessed jamb is not available. Right Buildout for STD Jamb should only be used in conjunction with the Right Standard Jamb.



- 5.6. Left Standard Jamb: same as Right Standard Jamb.
- 5.7. Left Low Profile Jamb: same as Right Low Profile Jamb.
- 5.8. Left Buildout for STD Jamb: same as Right Buildout for STD Jamb.