

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. Content is created using Autodesk Seek Revit Model Content Style Guide V2.1 and ANZRS standards and guidelines unless otherwise noted.
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. All families use Assembly Code *C1010300 Retractable Partitions*. All families use OmniClass *23.25.40.17.11 Horizontally Sliding Partitions*.
5. Materials indicated in the family are a schematic representation of actual Hufcor materials. For exact material samples, please contact your local representative.

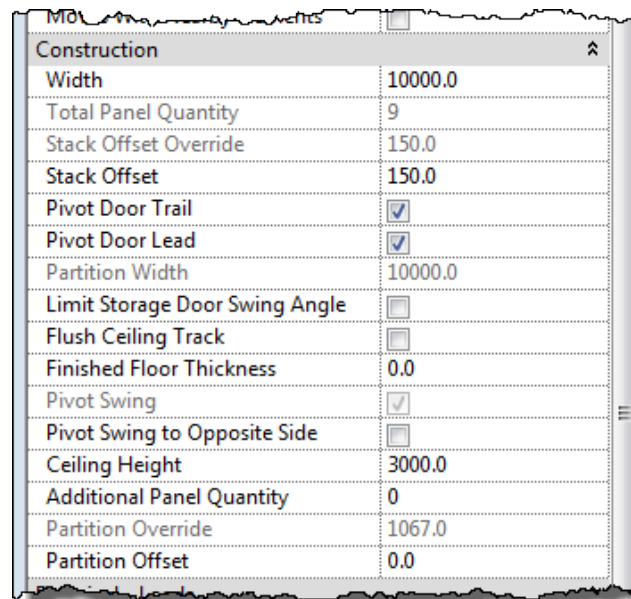
Use and Function

1. The origin for all moveable wall families is at the center of the main track.
2. Width is flexible as an *Instance Parameter* under *Dimensions*. Grips are available for all 5000/8000 Series families.
3. The following custom objects styles are available to control display.


Model Objects					
Annotation Objects					
Imported Objects					
Category	Line Weight		Line Color	Line Pattern	Material
	Projection	Cut			
Specialty Equipment	1		Black		
Clearance	1		Black	Dash	
Hidden Lines	1		Black	Dash	
Operable Partition Panel	2		Black	Solid	
Overhead	1		Black	Dash	
Plan Swing	1		Black	Dash	

- 3.1. **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.
- 3.2. **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.
- 3.3. **Overhead** is used for track elements. It may be hidden in plan or set to a Solid Line in ceiling views.
- 3.4. **Plan Swing** controls the display of the storage door swing. **It does not control the access door swing display.**

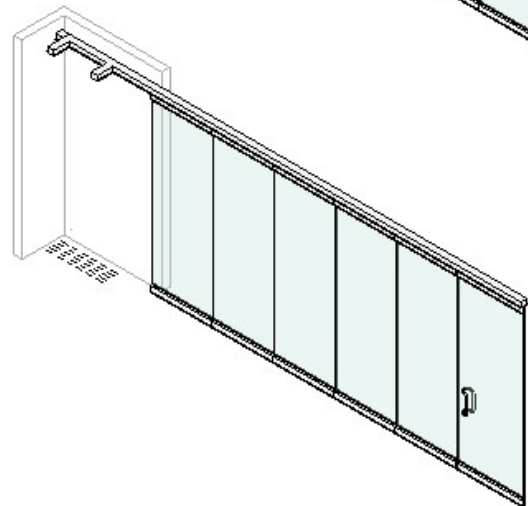
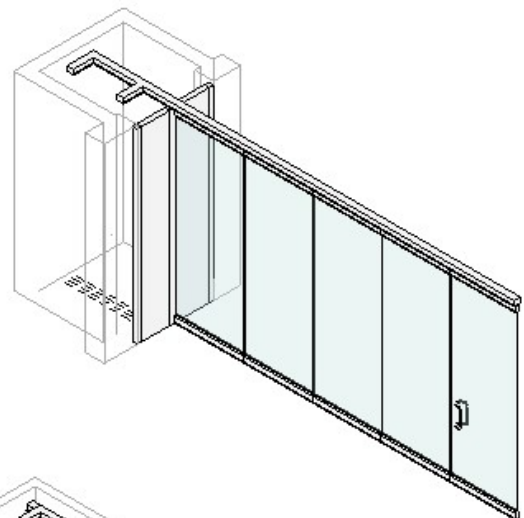
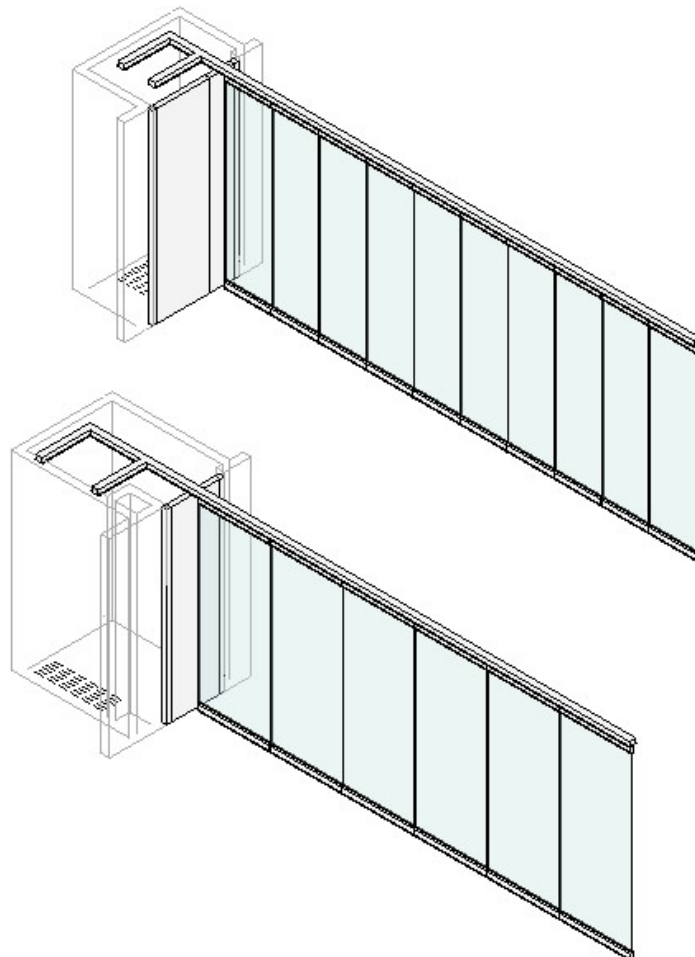
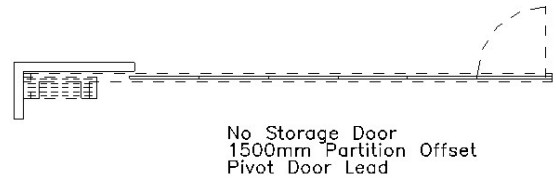
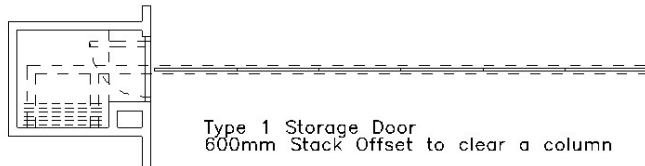
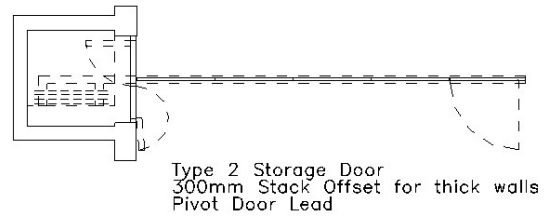
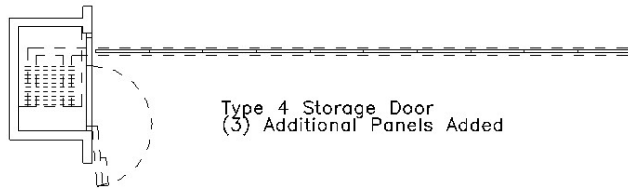
4. The following Instance Parameters are available for project design flexibility. **Not all parameters are available in every family.**



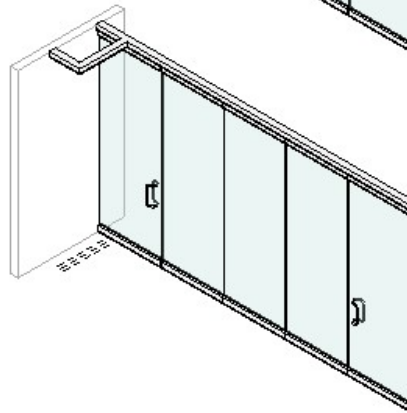
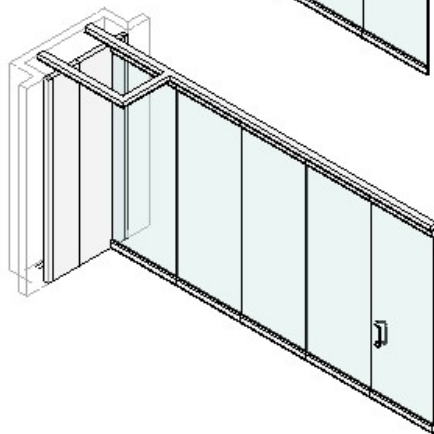
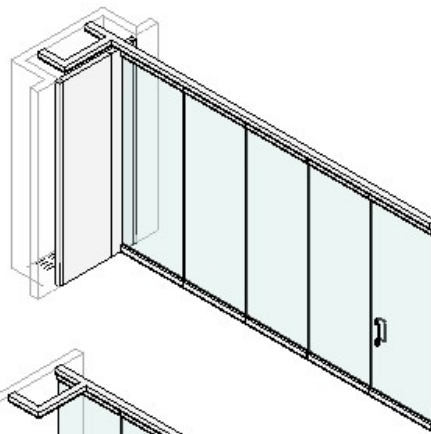
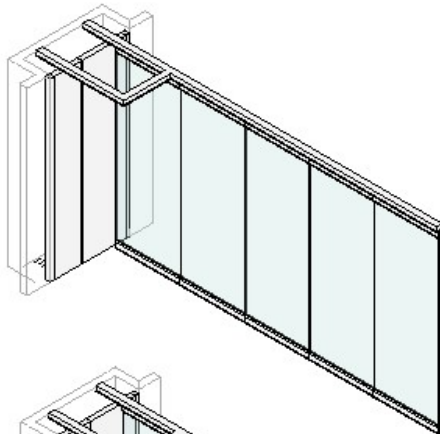
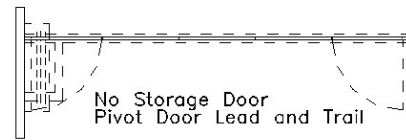
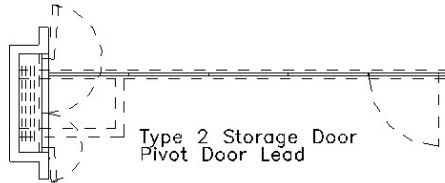
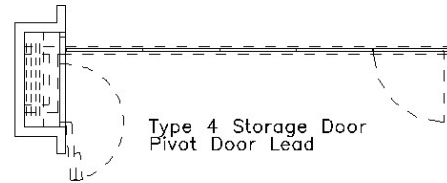
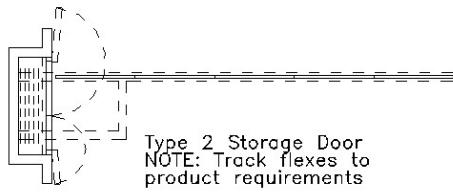
Construction	
Width	10000.0
Total Panel Quantity	9
Stack Offset Override	150.0
Stack Offset	150.0
Pivot Door Trail	<input checked="" type="checkbox"/>
Pivot Door Lead	<input checked="" type="checkbox"/>
Partition Width	10000.0
Limit Storage Door Swing Angle	<input type="checkbox"/>
Flush Ceiling Track	<input type="checkbox"/>
Finished Floor Thickness	0.0
Pivot Swing	<input checked="" type="checkbox"/>
Pivot Swing to Opposite Side	<input type="checkbox"/>
Ceiling Height	3000.0
Additional Panel Quantity	0
Partition Override	1067.0
Partition Offset	0.0

- 4.1. **Width** flexes the width of the family. Grips are available for all families.
- 4.2. **Stack Offset Override** is a dimension that overrides the **Stack Offset** parameter (4.3) to a minimum of 60mm. This parameter only occurs in the *Remote* stacking family, and cannot be changed.
- 4.3. **Stack Offset** offsets the stacked panels differently in certain families. See examples at the end of this Read-Me. Parallel Stack: Only the *Parallel* family with a storage door is changed by this parameter. The stack will be offset back, away from the front of the storage door. Remote Stack: The stack is offset from the centerline of the partition to the nearest clearance edge.
- 4.4. **Pivot Door Trail** adds a pivot door to the trail, in lieu of a standard panel. The pivot door location is fixed, full height and 1060mm wide. NOTE: Not available in *Centre*, *Perpendicular* or *Parallel* stacking families with storage doors.
- 4.5. **Pivot Door Lead** adds a pivot door to the lead, in lieu of a standard panel. The pivot door is fixed, full height and 1060mm wide.
- 4.6. **Limit Storage Door Swing Angle** increases clearances if the design does not allow a full 180° swing of the storage door(s).
- 4.7. **Finished Floor Thickness** adjusts the assembly height. **Changing this value has no effect on modeled floor assemblies in the project.**
- 4.8. **Pivot Swing to Opposite Side** changes the pivot door swing to the opposite side of the partition, without using the *Flip Control*. 
- 4.9. **Ceiling Height** controls the track location and the panel height. All families include constraints limiting the assembly height to a maximum manufacture height. e.g.: If the specific product is available at a maximum 3000mm high, entering 4000mm will not increase the height. **Changing this value has no effect on the modeled ceiling assemblies in the project.**
- 4.10. **Additional Panel Quantity** may be adjusted to achieve a particular design aesthetic. Panel quantity defaults to the fewest possible panels within the overall width. The family will not allow additional panels resulting in an individual panel width narrower than the available minimum.
- 4.11. **Partition Offset** offsets the partition away from the face of the finished wall or face of the storage door, to the edge of first panel. This *instance parameter* can be used when the partition is parallel to a wall, and some distance away from the wall/stack (plan to overlap the wall a minimum of 3" for security purposes). NOTE: **Pivot Door Trail** (4.4) will override any **Partition Offset** value.

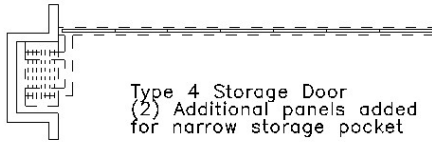
Examples of AllVu - Parallel Stacking



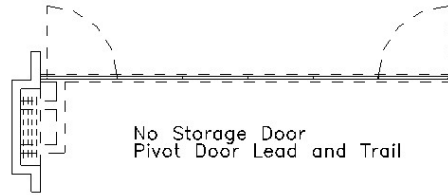
Examples of AllVu - Perpendicular Stacking



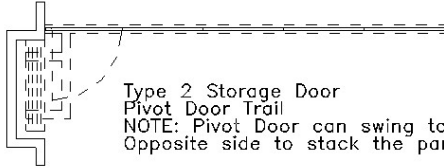
Examples of AllVu - Remote Stacking



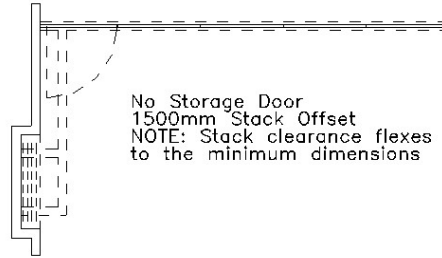
Type 4 Storage Door
(2) Additional panels added
for narrow storage pocket



No Storage Door
Pivot Door Lead and Trail



Type 2 Storage Door
Pivot Door Trail
NOTE: Pivot Door can swing to the
Opposite side to stack the panels.



No Storage Door
1500mm Stack Offset
NOTE: Stack clearance flexes
to the minimum dimensions

