

Saving and Bringing in Families

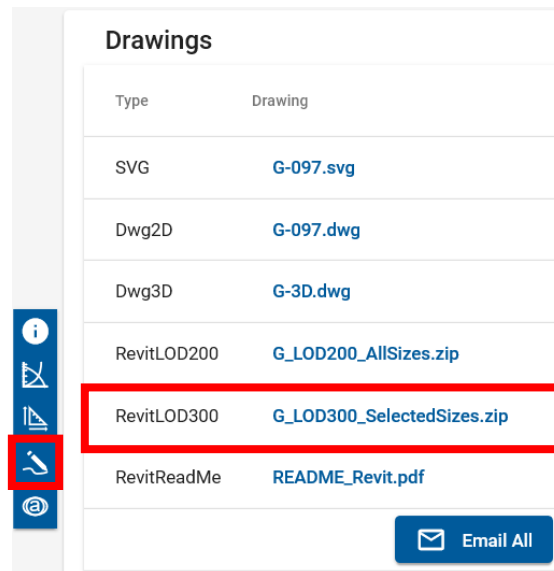
Revit “families” are equipment either made from a manufacturer, built in Autodesk Revit or created from a personal user. The purpose of this how-to is to illustrate two things, the process of how IDS mechanical users can bring a family into their project from a manufacturer’s website or our list of approved families. The other thing we want to show is where specifically in the file structure, from job to job, these families should be brought into.

This procedure will dive into how you can utilize the manufacturer Greenhecks website, eCAPS to get Revit families that you desire, into your project.

Note: This procedure will not demonstrate how to select equipment from eCAPS.

From a Manufacturers Website:

1. From the website <https://ecaps.greenheck.com/> you can select the fan you want for your project.
2. Once your criteria for the fan is inputted, you can then click the model name of the fan you wish to use.
3. Then click the “drawings” tab from the sidebar and open the drawings from Type, “RevitLOD300”. This will give you the specific model you selected.



4. Once this is selected, you will be asked to save or open. Click Open...

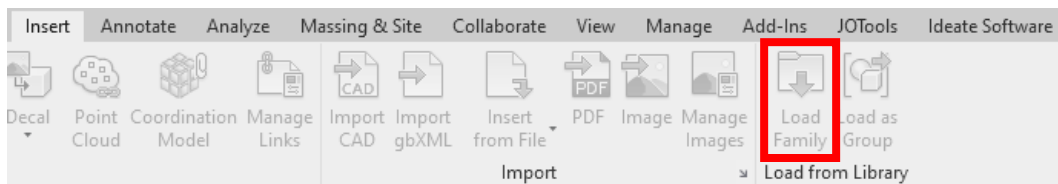


5. Then in a separate File Explorer tab, please locate in the J: Drive, the Revit Ref folder. For example, here is a path of where you would save families for the client Clio, J:\Clients\Clio Area School District\High School\20116 Cafeteria Renovation\Revit\Ref\Families\Mech
6. When you are in the ref folder for the project you desire the families to be placed into, make sure to copy over the necessary files into that folder.

Saving and Bringing in Families

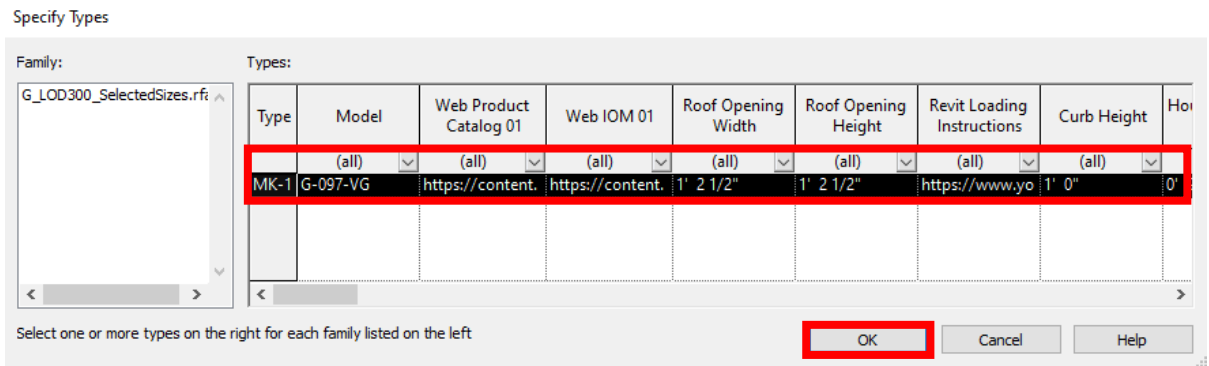
	G_LOD300_SelectedSizes	Autodesk Revit Family	366 KB
	G_LOD300_SelectedSizes	Text Document	2 KB
	README_Revit	PDF Document	1,022 KB

- Some families are created with an associated “Text Document” while others are standalone Autodesk Revit Families. In this instance, eCAPS, you will need to copy the family and text document into your folder for the family to work correctly in your Revit project.
- When you are saving families and files to your “ref” folders keep in mind, creating separate folders for your equipment within that J Drive will help to organize your items regardless of your project size. (Example, Pump, Exhaust Fan folder etc...)
- Next in your Revit project, from the *Insert* ribbon, select **Load Family**.



- You will then see a file explorer tab open and you will have to locate the families from the folders you saved from the path above.
- Then, you will be asked to select the family you wish to bring in. A key step is to make sure you click the model you wish to load and press **OK**.

Note: Once it is selected it will turn the entire row black.



- Once you press **OK**, it is then loaded into your project under the **Mechanical Equipment** tab. Search through the *Properties* menu to find your family.

From our IDS Standards:

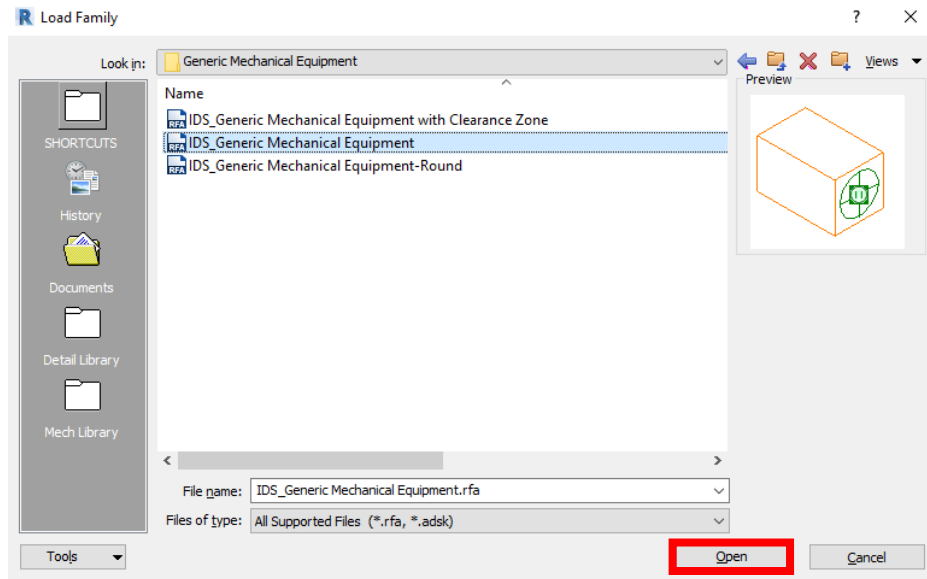
Note: These steps are to be shortened and not redundant. Steps above may be used for reference.

- Following steps 9-10 from above, select **Load Family** from the *Insert* Ribbon.
- Then Navigate to the location where our IDS Mechanical Revit Families are located.

<J:\Standards\Mechanical\Libraries>

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3. You can then select the family you desire to bring into your model.



4. For our example, select **IDS_Generic Mechanical Equipment** and press **Open**.
5. Once you press **Open**, it is then loaded into your project under the **Mechanical Equipment** tab. Search through the *Properties* menu to find your family.