# Revit Family
## Usage Guide

Aerovent is now offering Revit Family models for use in Autodesk Revit BIM Projects.



**Rendering of 3D Solid Model**



**Rendering of Parametric Revit Model**

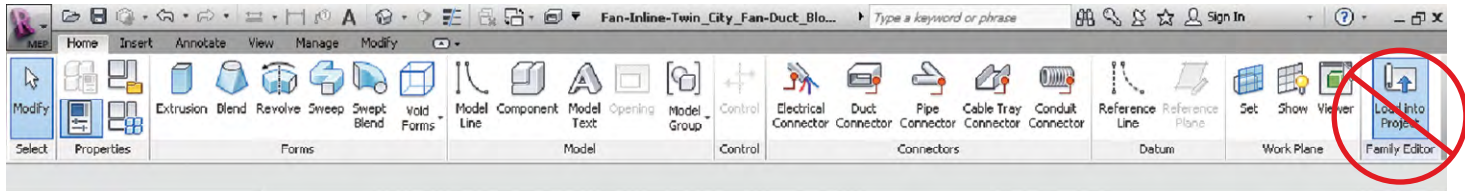The following is a step-by-step procedure describing how to load a Revit Family model into a project.

## Questions

If you are still having difficulty loading the models after reading through these instructions, please send an email to revithelp@aerovent.com and a member of the Aerovent Revit Team will contact you to help resolve your issue.
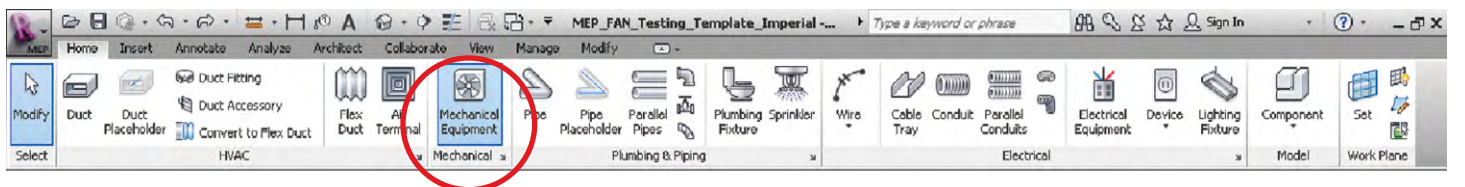
Visit www.aerovent.com and click on Revit link to view the family models available for download. Select the desired model and download the corresponding .zip file. The .zip file will contain .rfa and .txt files, export all content to your computer. The .rfa and .txt files must be in the same file location on your computer. There may also be .pdf files within the .zip files which contain special instructions pertaining to those particular models.

## Step 2.

Revit families must be loaded from within an open project. **Do not use the 'Load Into Project' button to load an open family into a project.** Having a family open and attempting to load it into a project will only load the size being viewed and any accompanying Type Catalog (.txt file) will not be included.
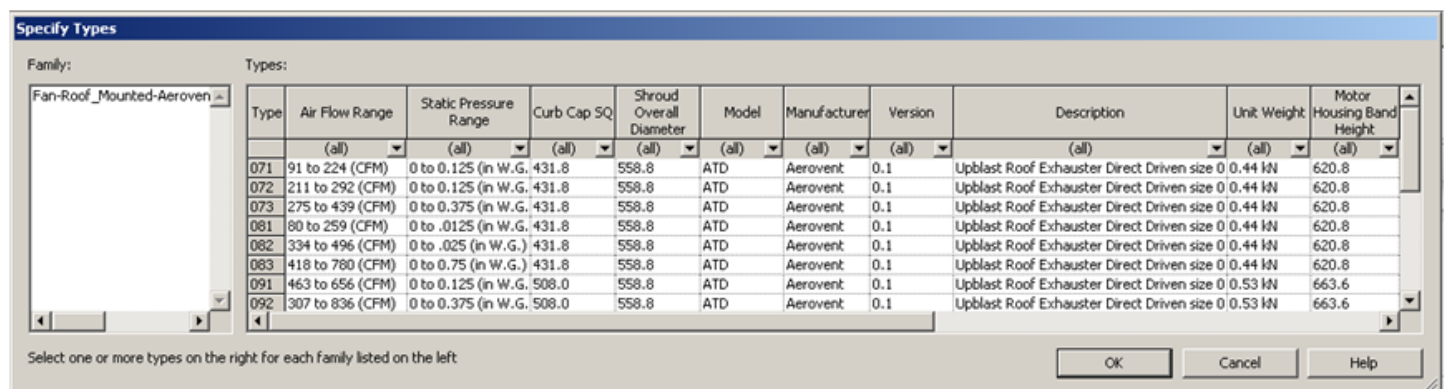
From within a project in Revit 2009 or later, click the **Mechanical Equipment** button from the **Home** tab.

This will send you to the **Modify/Place Mechanical Equipment** tab. Click on the **Load Family** button, which opens a browser window. Find the family in the location you saved it to in Step 1.
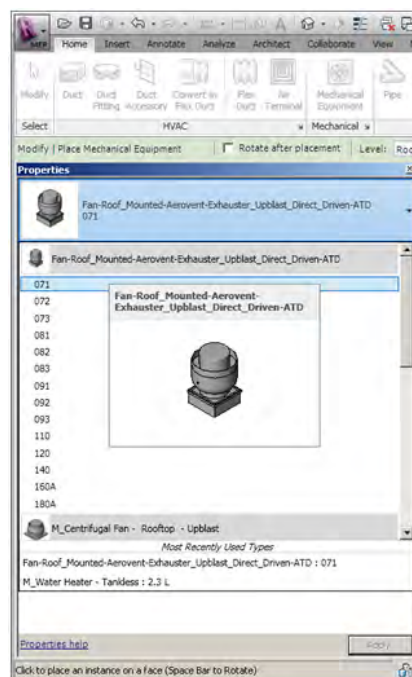
Once the specific .rfa family has been found, select it and click Open. One size or multiple sizes can be selected by using the Control and Shift keys. Once the desired sizes have been selected, click on OK to open them in the project.

**Specify Types**

Family: Fan-Roof_Mounted-Aeroven

| Type | Air Flow Range | Static Pressure Range | Curb Cap SQ | Shroud Overall Diameter | Model | Manufacturer | Version | Description | Unit Weight | Motor Housing Band Height |
|------|----------------|----------------------|-------------|------------------------|-------|--------------|---------|-------------|-------------|---------------------------|
| (all) | (all) | (all) | (all) | (all) | (all) | (all) | (all) | (all) | (all) | (all) |
| 071 | 91 to 224 (CFM) | 0 to 0.125 (in W.G. | 431.8 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.44 kN | 620.8 |
| 072 | 211 to 292 (CFM) | 0 to 0.125 (in W.G. | 431.8 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.44 kN | 620.8 |
| 073 | 275 to 439 (CFM) | 0 to 0.375 (in W.G. | 431.8 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.44 kN | 620.8 |
| 081 | 80 to 259 (CFM) | 0 to .0125 (in W.G. | 431.8 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.44 kN | 620.8 |
| 082 | 334 to 496 (CFM) | 0 to .025 (in W.G.) | 431.8 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.44 kN | 620.8 |
| 083 | 418 to 780 (CFM) | 0 to 0.75 (in W.G.) | 431.8 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.44 kN | 620.8 |
| 091 | 463 to 656 (CFM) | 0 to 0.125 (in W.G. | 508.0 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.53 kN | 663.6 |
| 092 | 307 to 836 (CFM) | 0 to 0.375 (in W.G. | 508.0 | 558.8 | ATD | Aerovent | 0.1 | Upblast Roof Exhauster Direct Driven size 0 | 0.53 kN | 663.6 |

Select one or more types on the right for each family listed on the left.

OK    Cancel    Help

## Step 3.

Select an appropriate host in your project for roof and wall fans and the model will load into the project on that host. For other models, insert and locate to the appropriate location. The fan size can be changed to any one of the sizes that was loaded in Step 2.



List of all sizes in family that were loaded into the project

The model is now included in the project and the user can enter in all applicable properties from within the Fan Properties Menu.



Fan Properties Menu where user enters product data