

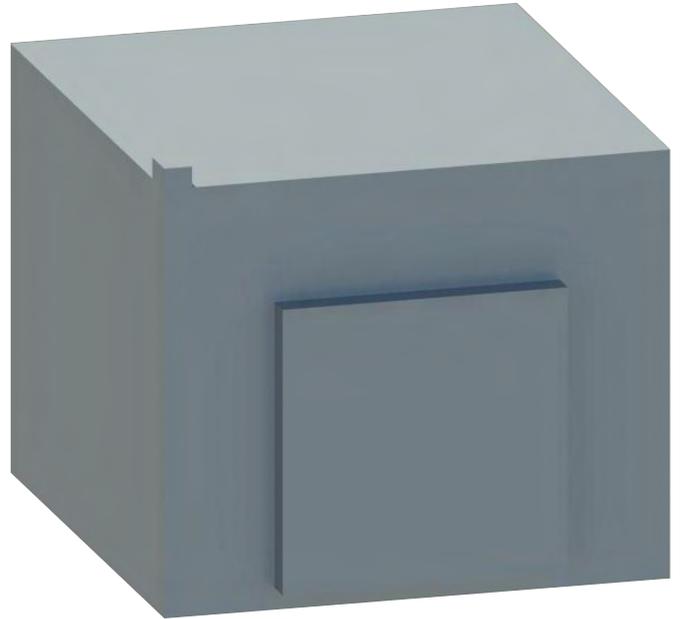
# REVIT FAMILY USAGE GUIDE



Twin City Fan 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@tcf.com](mailto:revithelp@tcf.com) and a member of the Twin City Fan Revit Team will contact you to help resolve your issue.

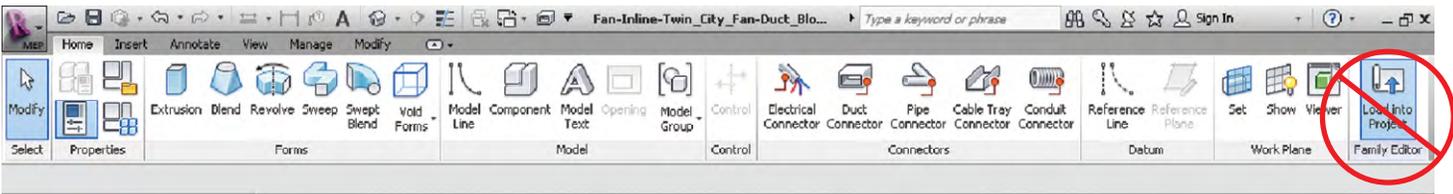


## STEP 1.

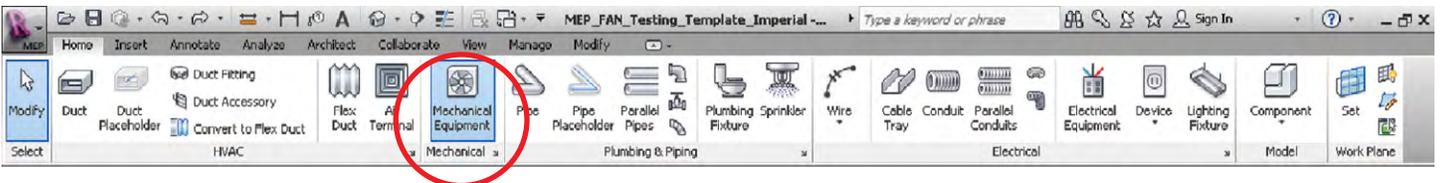
Visit [www.tcf.com](http://www.tcf.com) and click on Revit link to view the family models available for download. Select the desired model and download the corresponding .zip file. The .zip file will contain .rfa and .txt files, export all content to your computer. The .rfa and .txt files must be in 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.

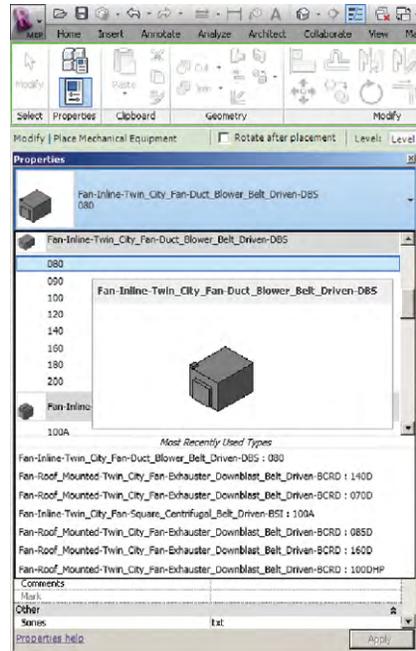


Once the specific .rfa family has been found, select it and click Open. One size or multiple sizes can be selected by using the Control and Shift keys. Once the desired sizes have been selected, click on OK to open them in the project.

Family:	Types:											
Fan-Inline-Twin_City_Fan-Du...												
Type	Air Flow Range	Static Pressure Range	Motor Frame Maximum Size	Base Width	Base Height	Base Length	Model	Manufacturer	Version	Description	Base weight	Filter Box Weight
	(all)	(all)	(all)	(all)	(all)	(all)	(all)	(all)	(all)	(all)	(all)	(all)
080	384 to 1791 (CFM)	0 to 1.80 (in W.G.)	145T	1' 6 3/8"	1' 4 1/8"	1' 11 5/16"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 080	0.14 kip	0.00 kip
090	677 to 2133 (CFM)	0 to 1.50 (in W.G.)	145T	1' 0 5/8"	1' 6"	2' 0 5/16"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 090	0.14 kip	0.00 kip
100	1126 to 3352 (CFM)	0 to 1.50 (in W.G.)	184T	1' 10 1/4"	1' 7 11/16"	2' 4 5/16"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 100	0.14 kip	0.00 kip
120	816 to 1900 (CFM)	0 to 2.25 (in W.G.)	184T	2' 4 3/4"	2' 1 1/4"	2' 9 13/16"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 120	0.14 kip	0.00 kip
140	1291 to 3905 (CFM)	0 to 2.25 (in W.G.)	184T	2' 8 3/8"	2' 3 1/2"	2' 10 3/32"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 140	0.18 kip	0.00 kip
160	1205 to 3014 (CFM)	0 to 1.00 (in W.G.)	184T	3' 0 1/4"	2' 6 3/4"	3' 2 3/32"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 160	0.18 kip	0.00 kip
180	1233 to 3755 (CFM)	0 to 1.75 (in W.G.)	215T	3' 5"	2' 10 7/8"	3' 7 3/32"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 180	0.18 kip	0.00 kip
200	1251 to 6255 (CFM)	0 to 1.75 (in W.G.)	256T	3' 9 3/8"	3' 2 5/8"	3' 11 19/32"	D85	TCF	0.1	TCF Forward Curved Inline Duct Blower 200	0.18 kip	0.00 kip

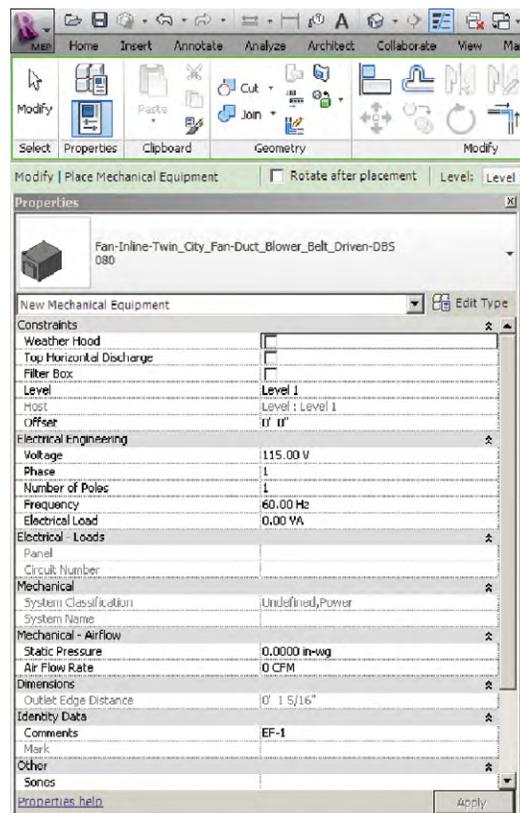
### STEP 3.

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