



Fantech Revit Tools Plugin

Installation & User Guide

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Fantech Selection Program Requirement

The Fantech Revit Plugin requires Version 5.6 or later of the Fantech Selection Program installed on your PC. It contains all the models and data required for the Revit plugin to work correctly.

The latest version of the Selection Program can be downloaded from the Fantech website here:

<https://www.fantech.com.au/Content.aspx?ContentID=D4>



Fantech Revit Tools Download

The latest version of the Fantech Revit Tools Plugin can be downloaded from the Fantech website here:

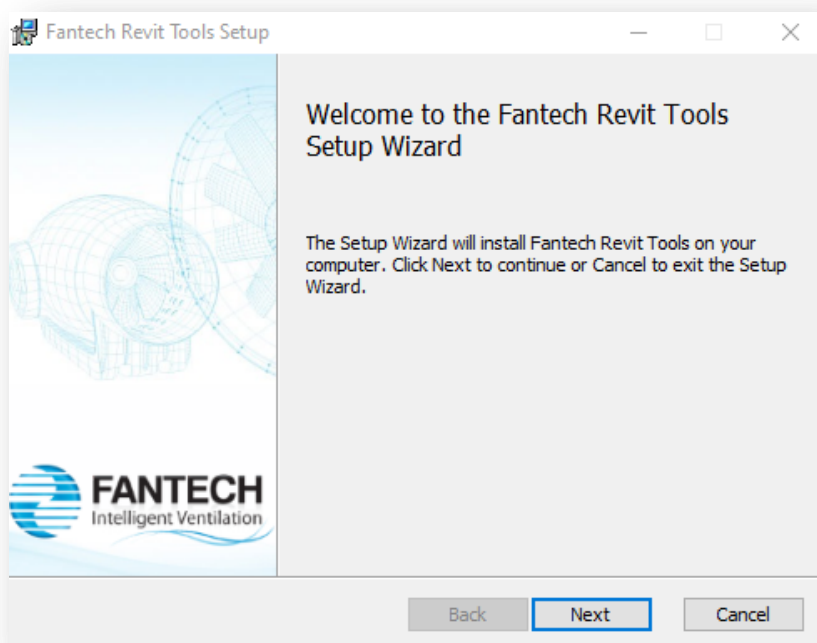
<https://www.fantech.com.au/Content.aspx?ContentID=D5>

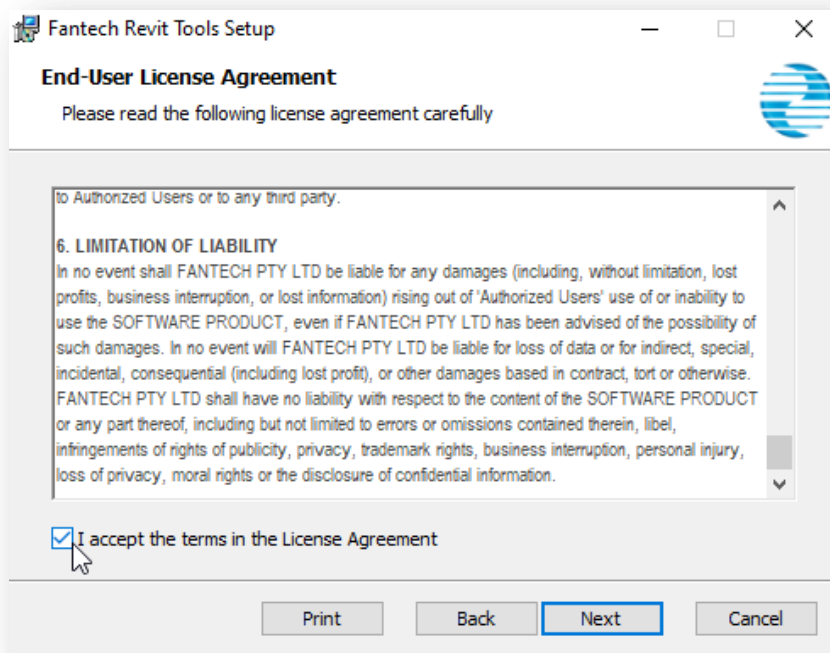
Fantech Revit Tools Installation

1. Extract the downloaded zip file and run ***FantechRevitTools(version number).msi***

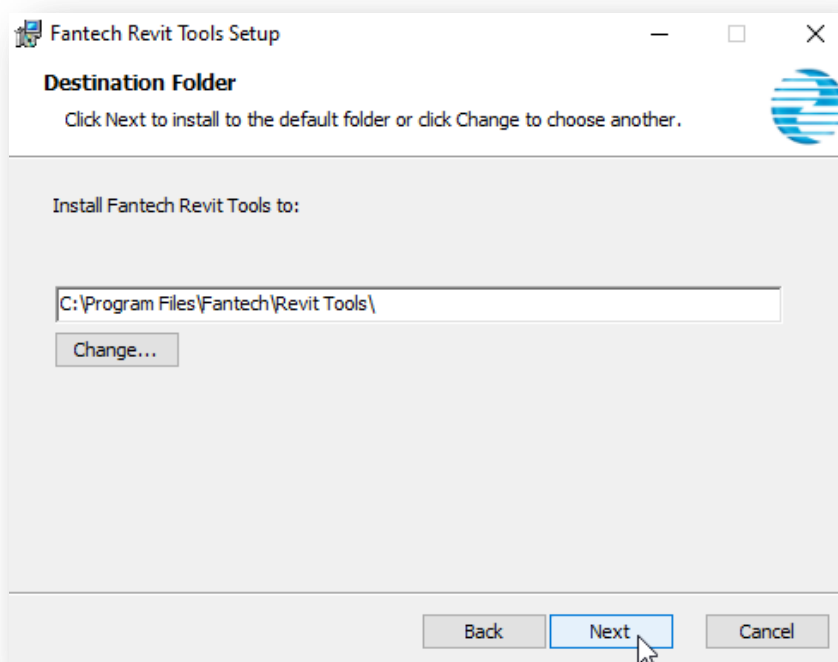
Note: The installation requires PC administrator rights to install

2. Click ***Next*** to continue the Setup Wizard



3. Read the EULA and click *Accept* if you agree. Click *Next* once agreed to continue**4. Nominate an install directory and click *Next* to continue**

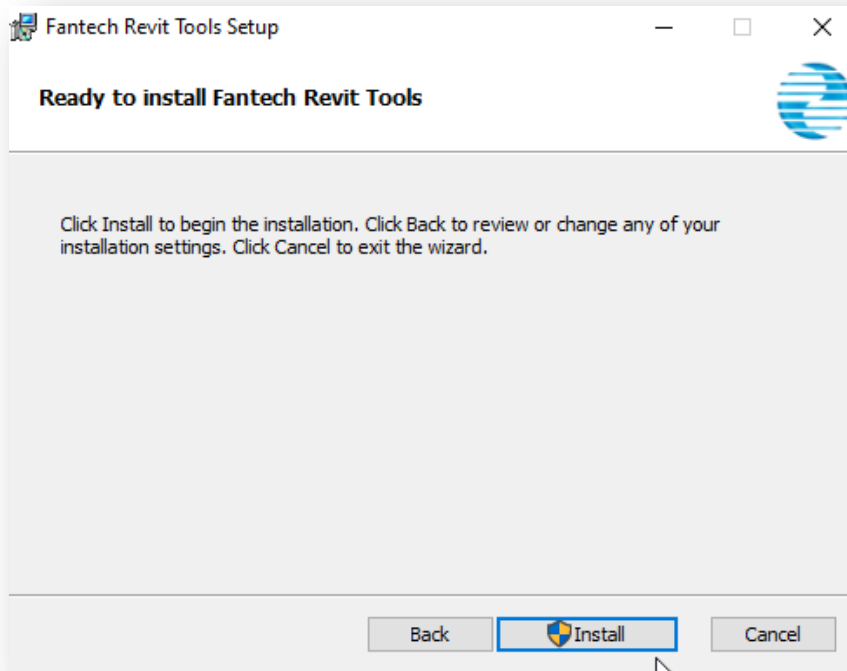
The default install directory will put the Fantech Revit Tools in the same install directory the Fantech selection program defaults to. Fantech Revit Tools does not need to be installed in the same directory as the Fantech selection program to work properly.



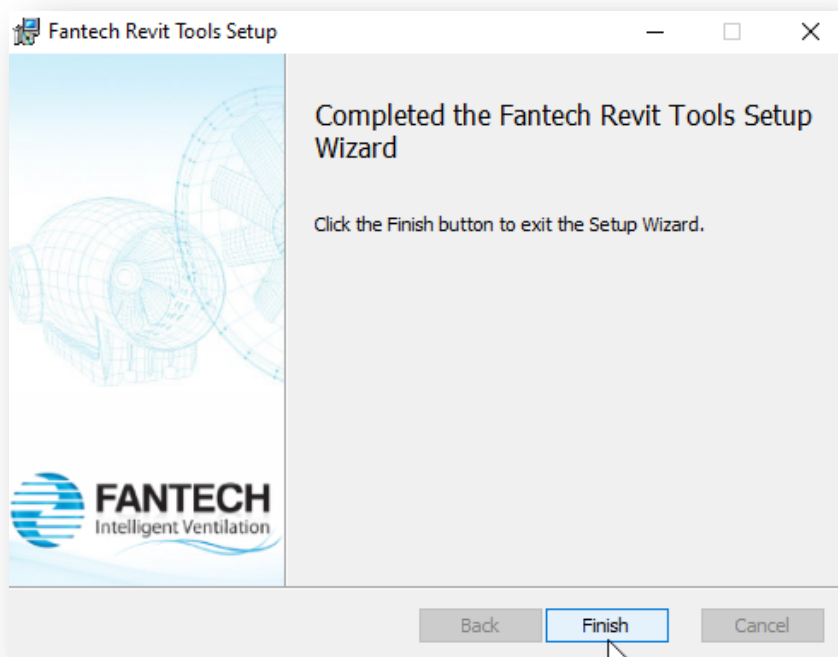
5. Click *Install* when you are ready to begin installation

Once Install is clicked, you will be asked to provide administrator rights (if you are not the administrator of the PC).

Installation should take no more than a few minutes.



6. Click *Finish* to complete the installation

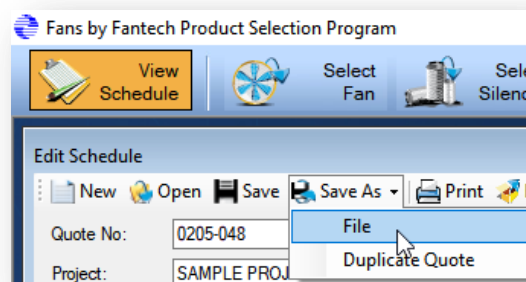


Saving a Fantech schedule (.fanx file)

You can request a .fanx file from your sales representative.

If you already have a schedule in the selection program, you can save the .fanx file

1. Open Fantech Selection Program and load the fan schedule
2. On the "View Schedule" tab of the selection program, click "Save As" and then "File"

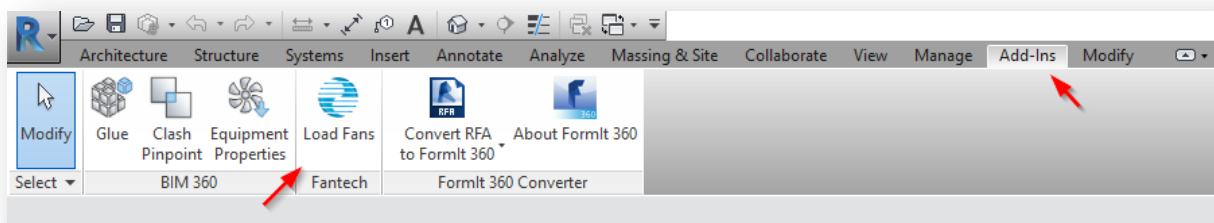


Loading a Fantech schedule (.fanx file)

1. Open Revit and load a project.
2. Select the Add-ins tab.

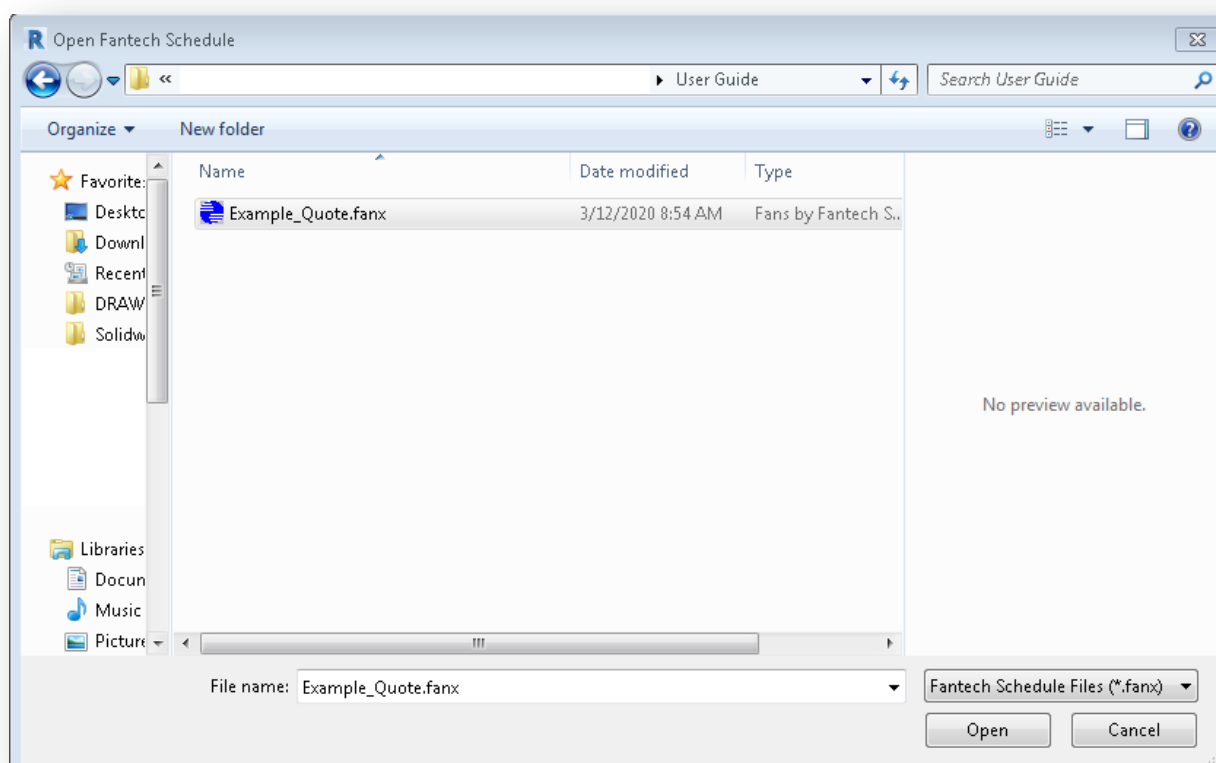
You will see the Fantech logo on the ribbon with the **Load Fans** label.

Click this to open the Fantech Revit Tools window.



3. The first time Fantech Revit Tools is opened, you will be prompted to select a Fantech Schedule

This is a .fanx file and is available from your Fantech sales representative.



4. The Fantech Revit Tools window will now open with details of the schedule in the top header.

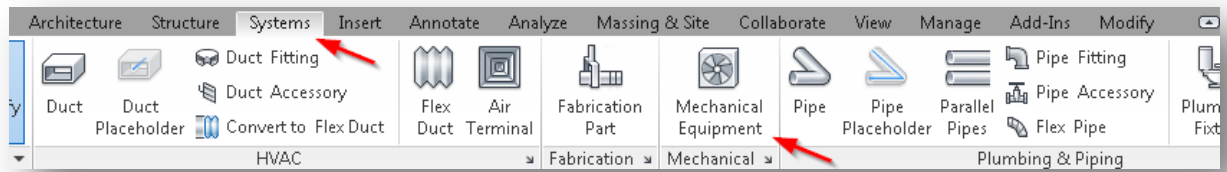
Products from the schedule are shown with their job specific details already loaded

- 1) You can hover the mouse over the blue icons in the header to show what the information shown relates to. For example the fan blade icon in the top left is the project name.
- 2) The **Open File Location** button will open a windows folder where the schedule is saved
- 3) The **Open** button will reopen the *Open Fantech Schedule* prompt as shown in step 3
- 4) The **Reload** button will read the selected schedule (.fanx file) again. This is useful in case there has been a revision to the schedule and it has replaced the originally selected schedule (.fanx file)
- 5) The **Refresh** Button updates the *Placed* column to make seeing how many of each product has been added to the project simple.
- 6) The 3 vertical dots open the options menu of the Fantech Revit Tool. Here you *Send Feedback*, **Check for Updates** and also see what version of the Fantech Revit Tools is currently installed (*About*)
- 7) The lower portion of the Fantech Revit Tools shows the Products from the schedule and their Parameter values.
 - a) Products can be sorted alphanumerically by clicking on a Parameter
- 8) Clicking **Load** will the load the selected product into the project
 - a) If the customer is using Revit 2017 or newer, when the load button is pressed, a pop up may appear saying "Upgrading your model". This is because the model was drawn in an older version of Revit. Unfortunately this minimizes the Fantech Revit Tools window. The Fantech Revit Tools window can be restored by selecting it on the task bar like any other minimized program.
- 9) Clicking **Reload** on products that have already been loaded, will read the Revit family file again. This is useful if an updated Revit model has been supplied and replaced in the Revit folder of the selection program (Install Directory\Fantech Selection Program\Resources\Drawings\REVIT)

The screenshot shows the 'Load Fans | Fantech' window. The top header contains several icons and buttons: a fan blade icon (1), 'Sample Project', 'Quote-No', 'Example_Quote', 'User Guide', 'Open file location' (2), 'Open' (3), 'Reload' (4), 'Refresh' (5), and a three-dot menu (6). Below the header is a table with columns: Designation, Catalogue No., Location, Qty, Placed, Diameter [mm], Speed [rps], kW, Amps, Outlet dB(A) [3m], and F. The table lists several fan models with their respective specifications. Action buttons like 'Reload' and 'Load' are present next to each row. Red numbers 7, 8, and 9 are placed next to specific rows in the table.

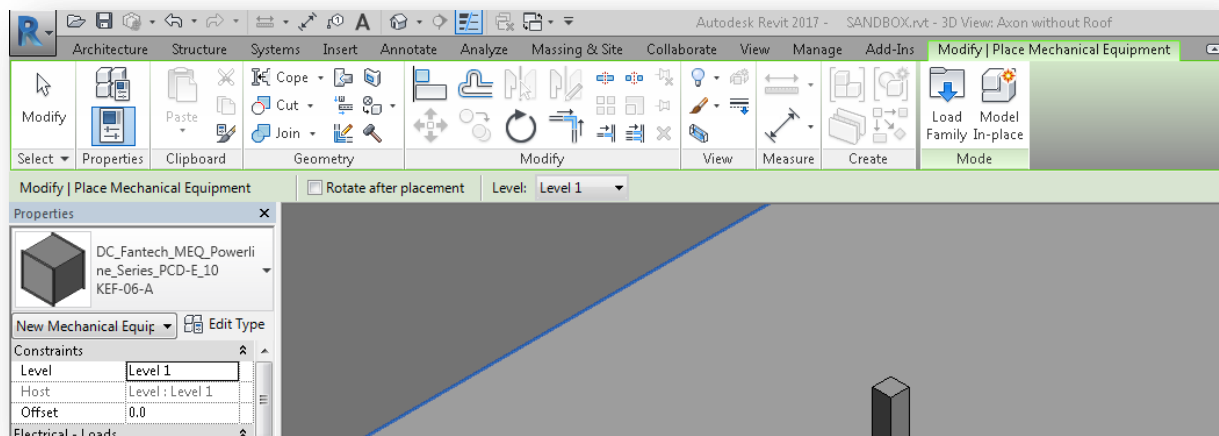
	Designation	Catalogue No.	Location	Qty	Placed	Diameter [mm]	Speed [rps]	kW	Amps	Outlet dB(A) [3m]	F
7	KEF-07-01	CD454V	SW PLANT...	2	0	450	1380	0.77	1.47	0	
	KEF-07-A	TGUD504	SW TOILET...	2	0	500	1280	1.45	2.8	63	
9	KEF-05-A	HUD406	NE PLANT...	3	0	400	1092	0.37	1.32	52	
	KEF-06-A	PCD356ER	NW PLANT...	2	0	350	1020	0.16	0.27	0	
8	KEF-03-A	RIL-125	APARTMEN...	5		125	1900	0.022	0.1	35	
	KEF-02-A	RDS0712BP14/...	NW PLANT...	2		710	2880	12.1	21.45	90	
	KEF-01-A	AP12510GP3/10	NE PLANT...	1		1250	576	2.2	0	58	

5. Once you have loaded a product, click the **Systems** tab and the **Mechanical Equipment** button to place the loaded products.

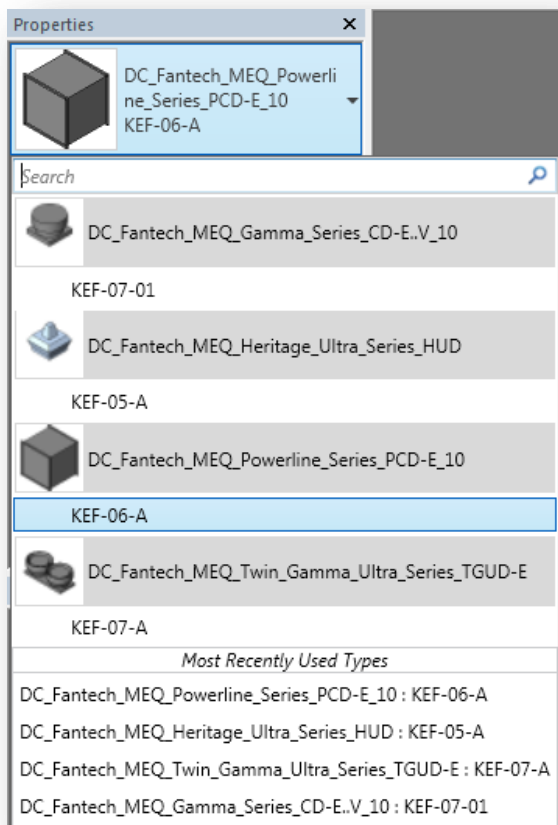


6. The last product loaded will be selected. This can be placed in the project as you would other mechanical equipment in Revit.

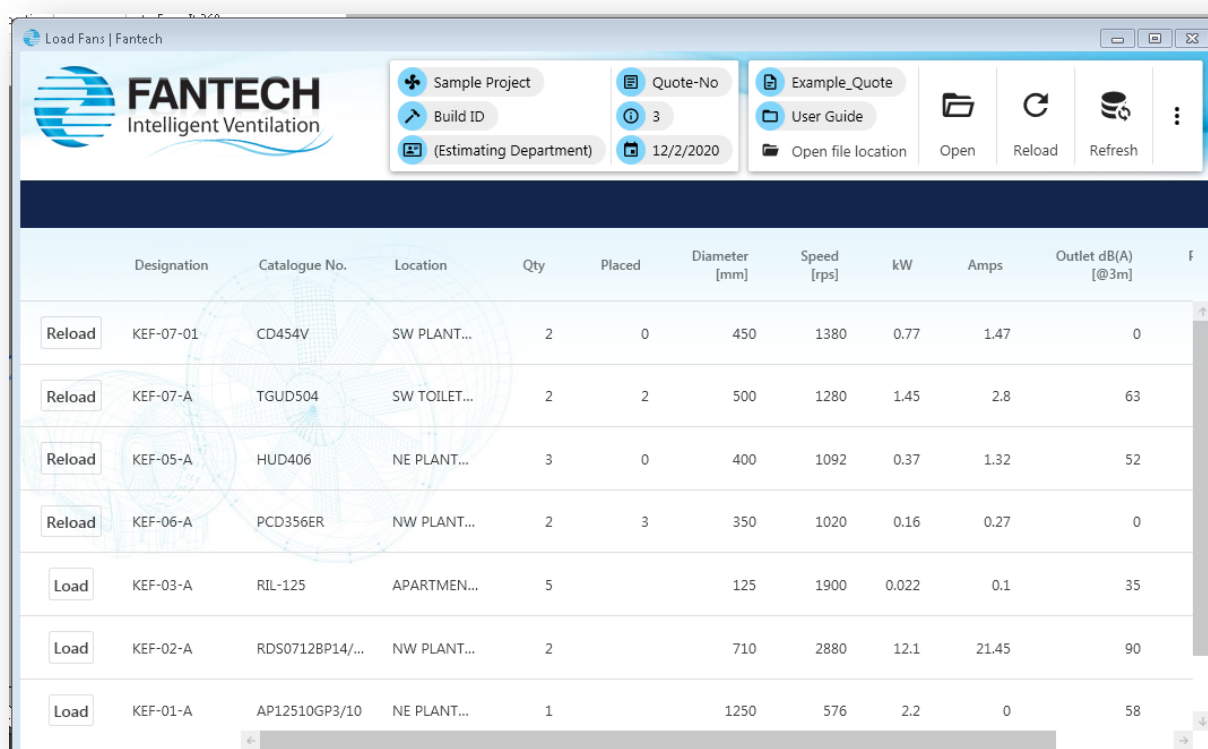
Under properties, you can see the product name and beneath that, the Designation



7. To change which product is to be placed in the model, click the product name in the properties area and select from the dropdown of available loaded products.



8. Once products have been placed in the project, open the Fantech Revit Tools again and click Refresh to see how many of each product has been placed.



The screenshot shows the 'Load Fans | Fantech' window. The top bar includes the Fantech logo and navigation buttons: 'Sample Project', 'Build ID', '(Estimating Department)', 'Quote-No', '3', '12/2/2020', 'Example_Quote', 'User Guide', 'Open file location', 'Open', 'Reload', and 'Refresh'. The main table lists fan specifications and their placement status.

	Designation	Catalogue No.	Location	Qty	Placed	Diameter [mm]	Speed [rpm]	kW	Amps	Outlet dB(A) [3m]
Reload	KEF-07-01	CD454V	SW PLANT...	2	0	450	1380	0.77	1.47	0
Reload	KEF-07-A	TGUD504	SW TOILET...	2	2	500	1280	1.45	2.8	63
Reload	KEF-05-A	HUD406	NE PLANT...	3	0	400	1092	0.37	1.32	52
Reload	KEF-06-A	PCD356ER	NW PLANT...	2	3	350	1020	0.16	0.27	0
Load	KEF-03-A	RIL-125	APARTMEN...	5		125	1900	0.022	0.1	35
Load	KEF-02-A	RDS0712BP14/...	NW PLANT...	2		710	2880	12.1	21.45	90
Load	KEF-01-A	AP12510GP3/10	NE PLANT...	1		1250	576	2.2	0	58

Closing Notes

This is the first release of the Fantech Revit Tools plugin. There may be some unforeseen issues that are typical with a first release. We look forward to working with our customers to ensure any issues are resolved. Not every Fantech product is currently available and this includes attenuators. We aim to have all of Fantech's offerings available in the coming releases.

For more information on the specifications our Revit files are designed to, please refer to the BIM MEP Aus website, <https://www.bimmepaus.com.au/initiative/specifications/>.

Support

For enquires relating to the **Fantech Revit Tools Plugin** or **Fantech BIM (Building information modelling)**

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