

# **Fantech Revit Tools Plugin**

## Installation & User Guide

## **Table of Contents**

Fantech Selection Program Requirement	.3
Fantech Revit Tools Download	.3
Fantech Revit Tools Installation	.3
Saving a Fantech schedule (.fanx file)	.6
Loading a Fantech schedule (.fanx file)	.6
Other Notes	.9
Support	.9

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

## **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

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End-User License Agreement		2	
Please read the following license agreement carefully			
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#### 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.

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#### 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.

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#### 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"

Fans by Fantech Product Selection Program											
Vie Schedu	e Select Fan	Sile Sile									
Edit Schedule											
Quote No:	0205-048 File										
Project:	SAMPLE PROJ	Quote									

## 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.

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**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.

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Attachments	
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Microsoft Copi No preview ava	lable.
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File name:         Example_Quote.fanx         Fanx files (*.fanx)	$\sim$
Open Cance	

- 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)

Load Fans   Fant	ech ANTECH relligent Ventilation			Sample Project     Sample Contractor     Example_Quote	2	Build ID Example_Q	uote 2	V1025-123 2024-08-0 Open File	3 () E 4 Location	Reload	Refresh Mor
Load All	Designation	Catalogue No.	Location	Qty Placed	Diameter [mm]	Speed [rps]	kW	Amps	Outlet dB(A) [@3m]	Pressure [Pa]	Volume [m3/sec]
Reload	LEF-ISB-03-10-ST1	FLD566DD		1	560	960	1.1	3	0	303.391	1.232
Reload	RAF-ISB-03-12-ST1	AP0634LP12/30		1	630	1440	3	6.34	63	232.952	3.898
Load	EAF-ISB-B1-01-ST1	TD-800/2005IL		1	200	2880	0.095	0.45	44	147.251	0.193
Load	EAF-ISB-04-04-ST1	AP0314AE5/10		1	315	1440	0.37	1.1	44	85.581	0.111
Load	EAF-ISB-04-06-ST1	RVE1006CA6/16		1	1000	960	2.2	5.38	68	140.730	5.836

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

- A	rchitecture Structure Systems Insert	Annotate Ana	lyze Massing	& Site — Collabo	orate	View N	lanage	Add-Ins	Modify	
у	Duct Duct Placeholder	Flex Air Duct Terminal	Fabrication Part	Mechanical Equipment	<b>S</b> Pipe	Pipe Placeholder	Parallel Pipes	🦳 Pipe F 🚠 Pipe A ∾ Flex P	itting Accessory ipe	Plum Fixt
•	HVAC	Fabrication 🛛 Mechanical 🖉 🔨 🛛 Plumbing & Piping					iping			

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.

	5
	DC_Fantech_MEQ_Powerli ne_Series_PCD-E_10 KEF-06-A
Search	٩
\$	DC_Fantech_MEQ_Gamma_Series_CD-EV_10
KE	EF-07-01
٩	DC_Fantech_MEQ_Heritage_Ultra_Series_HUD
KE	EF-05-A
	DC_Fantech_MEQ_Powerline_Series_PCD-E_10
KE	EF-06-A
9	DC_Fantech_MEQ_Twin_Gamma_Ultra_Series_TGUD-E
KE	EF-07-A
	Most Recently Used Types
DC_Fant	ech_MEQ_Powerline_Series_PCD-E_10 : KEF-06-A
DC_Fant	ech_MEQ_Heritage_Ultra_Series_HUD : KEF-05-A
DC_Fant	ech_MEQ_Twin_Gamma_Ultra_Series_TGUD-E : KEF-07-A
DC_Fant	ech_MEQ_Gamma_Series_CD-EV_10 : KEF-07-01

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.

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F/	ANTECH Illigent Ventilation			Sample Sample Sample	e Project e Contractor le_Quote	7	Build ID Example_Q	luote	<ul> <li>V1025-12</li> <li>2024-08-0</li> <li>Open File</li> </ul>	13 <b>()</b> E D4 Location	pen Reload	Refresh More
Load All	Designation	Catalogue No.	Location	Qty	Placed	Diameter [mm]	Speed [rps]	kW	Amps	Outlet dB(A [@3m	A) Pressure 1] [Pa]	Volume [m3/sec]
Reload	LEF-ISB-03-10-ST1	FLD566DD		1	2	560	960	1.1	3	(	303.391	1.232
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Load	EAF-ISB-B1-01-ST1	TD-800/200SIL		1		200	2880	0.095	0.45	44	4 147.251	0.193
Load	EAF-ISB-04-04-ST1	AP0314AE5/10		1		315	1440	0.37	1.1	44	4 85.581	0.111
Load	EAF-ISB-04-06-ST1	RVE1006CA6/16		1		1000	960	2.2	5.38	68	3 140.730	5.836
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### **Other 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, <u>https://www.bimmepaus.com.au/initiative/specifications/</u>.

### Support

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

Email: BIM@fantech.com.au