



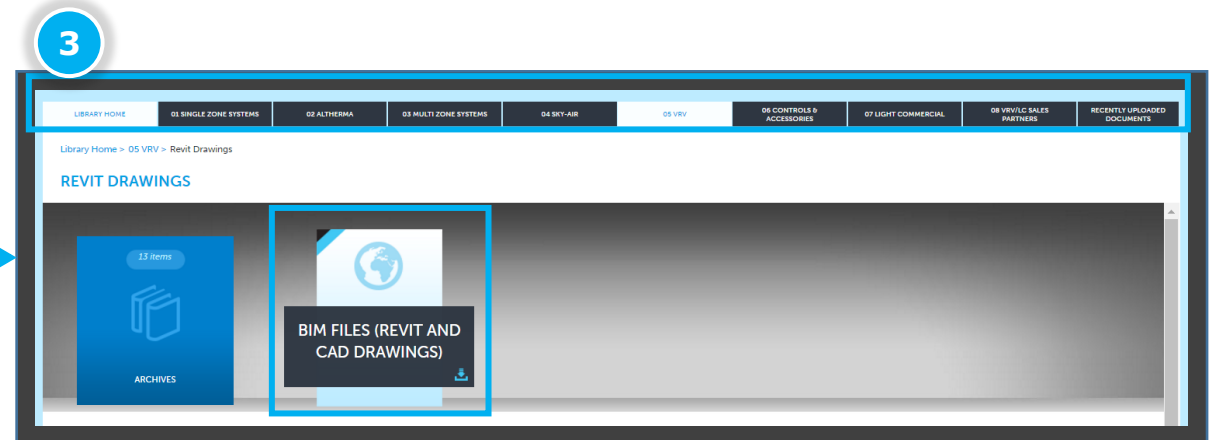
Daikin BIM/CAD Portal USERGUIDE

Version 1.0

The objective of this document is to guide users on how to find and use the basic features of the Daikin BIM portal

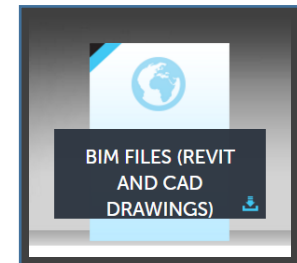
Access from Daikin City

- Go to <http://www.daikincity.com>
- Click Billboard on landing page
- Link to each product category can be found in Document Library
- A direct link exists via <http://bim.daikincity.com>



3 The link icon can be found under the library tab:

- 01 Single Zone Systems
- 03 Multi Zone Systems
- 04 Sky-Air
- 05 VRV
- 07 Light Commercial
 - Rooftop Package Units
 - Split Systems



Search Function

- The 'Search' function allows search for products by 'Keyword' and 'Item #'.
- Search by 'Keyword' will search the text part through the portal and provide all the product families that match the keyword.
- Search by 'Item #' will search the product model numbers and provide all the product families that match the model number.

This screenshot shows the search results for the keyword "wall". The search bar at the top right contains "By Keyword" and "wall". The results are categorized into four groups:

- Sky-Air Indoor Units - FHQ Series** (5 matching Items): FHQ18PVJU, FHQ24PVJU, FHQ30PVJU, FHQ36MVJU, FHQ42MVJU
- Sky-Air Indoor Units - FTX Series** (2 matching Items): FTXS30LVJU, FTXS36LVJU
- VRV Indoor Units - FXAQ Series** (5 matching Items): FXAQ07PVJU, FXAQ09PVJU, FXAQ12PVJU, FXAQ18PVJU, FXAQ24PVJU
- VRV Indoor Units - FXLQ Series** (5 matching Items): FXLQ07MVJU9, FXLQ09MVJU9, FXLQ12MVJU9, FXLQ18MVJU9, FXLQ24MVJU9

The page shows 17 items and 4 categories, with a display count of 25 items per page and 1 page of results.

This screenshot shows the search results for the item number "fxaq". The search bar at the top right contains "By Item #" and "fxaq". The results are filtered to show only the FXAQ Series.

SEARCH RESULTS ON "FXAQ" IN VRV INDOOR UNITS - FXAQ SERIES

Wall mounted non-ducted indoor unit.

Daikin's wall-mounted units are ideal for cooling and heating smaller zones such as stores, offices, and restaurants.

- Capacity range from 7.5 MBH to 24 MBH
- Auto swing louvers and wide air discharge outlet distributes a comfortable airflow throughout the space.
- Front panel can be easily removed for cleaning.

The page shows 1 - 5 of 5 results, with 25 results per page. A table lists the model numbers, cooling and heating capacities, and weights for each unit.

Model Number	Cooling Capacity	Heating Capacity	Weight
FXAQ07PVJU	7500 Btu/h	8500 Btu/h	26 lb 12 kg
FXAQ09PVJU	9500 Btu/h	10500 Btu/h	26 lb 12 kg
FXAQ12PVJU	12000 Btu/h	13500 Btu/h	26 lb 12 kg
FXAQ18PVJU	18000 Btu/h	20000 Btu/h	31 lb 14 kg
FXAQ24PVJU	24000 Btu/h	26500 Btu/h	31 lb 14 kg

The page also includes a "Request Information" button, a "Compare Items" button, and an "Add to CAD Cart" button. A "Downloads" section on the right offers a "Revit Family Download".


Navigate to the Product Family

- Access the series by drilling down through the categories. For example, find FXAQ series as displayed below.
- All series within the portal have Revit and CAD models available.


All Categories

ALL CATEGORIES

[Request Information](#)



[VRV](#)



[Sky-Air](#)



[Rooftop Units](#)

[All Categories](#) > VRV

VRV

[Request Information](#)



[VRV Indoor Units](#)




[VRV-IV Water Cooled Heat Pump](#)

[All Categories](#) > [VRV](#) > VRV Indoor Units

VRV INDOOR UNITS


[Request Information](#)



[VRV Indoor Units - FXAQ Series \(5\)](#)
Wall mounted non-ducted indoor unit.

Daikin's wall-mounted units are ideal for

- Capacity range from 7.5 MBH to
- Auto swing louvers and wide air
- Front panel can be easily removed



[VRV Indoor Units - FXDQ Series \(5\)](#)
Slim-duct, built-in concealed ceiling unit

With its low profile and low sound level


- Capacity range from 7.5 MBH to

Navigate to the Product Page

- Click on the series and then the Model Number you are looking for.
- The Revit and CAD models appear in the Downloads and View CAD Drawing areas in the right hand channel of the Model Number page

[All Categories](#) > [VRV](#) > [VRV Indoor Units](#) > [VRV Indoor Units - FXAQ Series](#) > View Items

VRV INDOOR UNITS - FXAQ SERIES [Printable Page](#)



Wall mounted non-ducted indoor unit.

Daikin's wall-mounted units are ideal for cooling and heating smaller zones such as stores, offices, and restaurants.

- Capacity range from 7.5 MBH to 24 MBH
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- Front panel can be easily removed for cleaning.

1 - 5 of 5 | Results Per Page 25 | View

[Request Information](#) | [Compare Items](#) | [Add to CAD Cart](#)


Model Number	Cooling Capacity	Heating Capacity	Weight
FXAQ07PVJU	7500 Btu/h	8500 Btu/h	26 lb 12 kg
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FXAQ12PVJU	12000 Btu/h	13500 Btu/h	26 lb 12 kg
FXAQ18PVJU	18000 Btu/h	20000 Btu/h	31 lb 14 kg
FXAQ24PVJU	24000 Btu/h	26500 Btu/h	31 lb 14 kg

1 - 5 of 5 | Results Per Page 25 | View

[All Categories](#) > [VRV](#) > [VRV Indoor Units](#) > [VRV Indoor Units - FXAQ Series](#) > Model Number FXAQ07PVJU

MODEL NUMBER FXAQ07PVJU, VRV INDOOR UNITS - FXAQ SERIES

[Request Information](#) | [Add to CAD Cart](#)



Wall mounted non-ducted indoor unit.

Daikin's wall-mounted units are ideal for cooling and heating smaller zones such as stores, offices, and restaurants.

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Specifications	Dimensions	Application	Features	Notes
Family			FXAQ	
Model Type			Wall Mounted Unit	
Cooling Capacity			7500 Btu/h	
Heating Capacity			8500 Btu/h	
Fan Air Flow Rate			260 ft ³ /min 79 m ³ /min	
Sound Pressure Level			36 dBA	
Power Supply			100/200V/60 Hz, 1 phase	
Minimum Circuit Amps			0.4 A	
Frequency			60 Hz	
Voltage			208/230 V	
Weight			26 lb 12 kg	

DOWNLOADS

[** Revit Family Download](#)

VIEW CAD DRAWING

3D

2D Front View

2D Left Side View

2D Right Side View

2D Top View

2D Bottom View

2D Back View

Revit Model

Download Files – Revit

1

DOWNLOADS

[* Revit Family Download](#)

VIEW CAD DRAWING

3D

2D Front View

2D Left Side View

2D Right Side View

2D Top View

2D Bottom View

2D Back View

2

[Revit Model](#)

2

Revit Model

For Problems Accessing a CAD Model Please Contact
Telephone: 1-800-451-4231
Email: CustomerService@ThomasNet.com

Extended Revit Family File (*.zip)

Download Email

Revit Native 2011 •
Revit Native 2011
Revit Native 2012
Revit Native 2013
Revit Native 2014
Revit Native 2015
Revit Native 2016
Revit Native 2017

Drawing Units: @inch @mm

2D Top View 2D Bottom View 2D Back View

Revit Model

Bill Of Material

Item #	Description	Supplier
FXAQ07PVJU	VRV Indoor Units - FXAQ Series	Daikin North America LLC

3

User Information

CAD User Tracking

Required Fields *

Email *

First Name *

Last Name *

Company *

Country * UNITED STATES C •

Zip/Postal Code *

Send

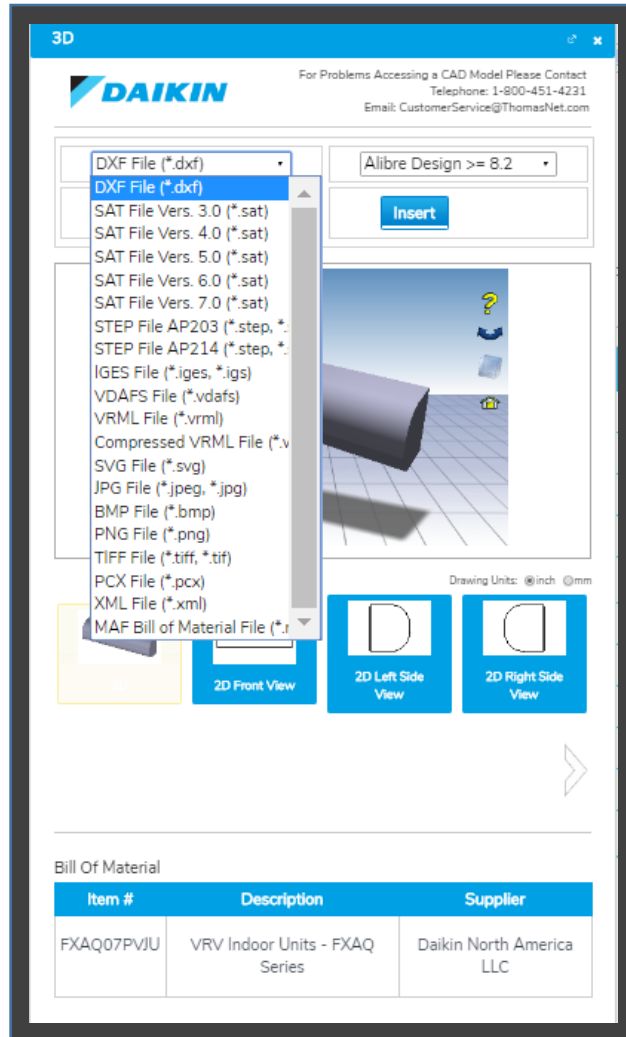
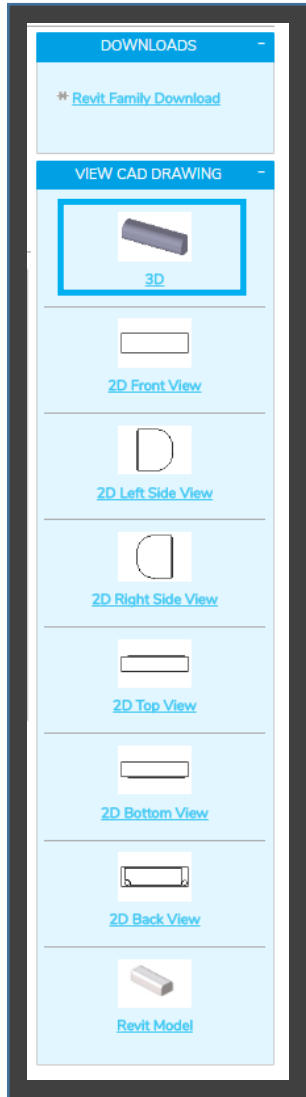
1 The 'Revit Family Download' link directly downloads the **Revit files**.

2 The 'Revit Model' tab opens the download window allows selection of desired version of **Revit files**.

3 Before **ANY** download, a popup window will ask for user information. The user information will be remembered as cookie and only need to be input once.

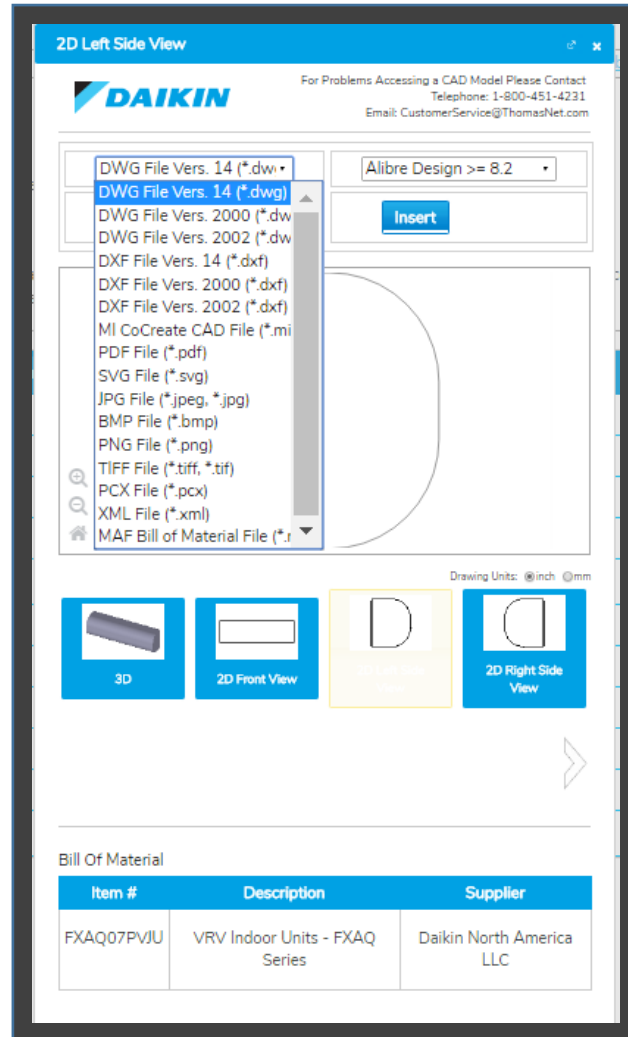
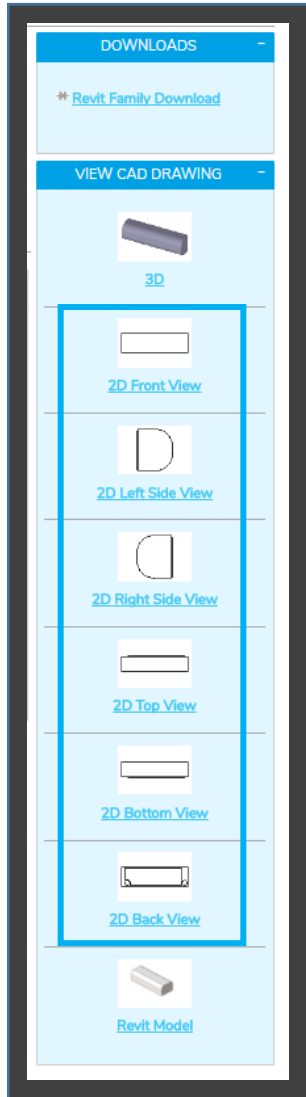
After submit, a .zip package will automatically download with the Revit family file (.rfa) and an associated Type Catalog file (.txt) sharing the same name. Both files must be extracted prior to loading into Revit project.

Download Files – 3D CAD Files



- The '3D' tab opens the download window allows selection of desired format of **3D CAD files** or the **picture file** of the displayed product image, which can be adjusted by users.
- Before **ANY** download, a popup window will ask for user information. The user information will be remembered as cookie and only need to be input once.
- After submit, the file will be directly downloaded in the selected format.

Download Files – 2D CAD Files



- All the 2D tabs opens the download window allows selection of desired format of **2D CAD files** based on the view of the product or the **picture file** of the displayed product image.
- Before **ANY** download, a popup window will ask for user information. The user information will be remembered as cookie and only need to be input once.
- After submit, the file will be directly downloaded in the selected format.

CAD Cart – Multiple Unit Files Download

- CAD cart can be used to bulk download Revit/3D/2D files for multiple products, up to 50 products at a time.
- The CAD Cart can be accessed from any page of the portal. It appears in the upper left hand corner of the screen below the Daikin logo.

The screenshot shows the DAIKIN CAD Cart interface. At the top left, there is a 'CAD CART (0)' dropdown menu. Below it, a list of products is displayed, each with a checkbox for selection. The products listed are FXAQ07PVJU, FXAQ09PVJU, FXAQ12PVJU, and FXAQ18PVJU. To the right of the list, there is a description of the product: 'Wall mounted non-ducted indoor unit. Daikin's wall-mounted units are ideal for cooling and heating smaller zones such as stores, offices, and restaurants.' Below the description, there are bullet points listing features: 'Capacity range from 7.5 MBH to 24 MBH', 'Auto swing louvers and wide air discharge outlet distributes a comfortable airflow throughout the space.', and 'Front panel can be easily removed for cleaning.' At the bottom of the interface, there is a table with columns for 'Model Number', 'Cooling Capacity', 'Heating Capacity', and 'Weight'. The table contains five rows of product data. Below the table, there are buttons for 'Request CAD files', 'Compare Items', and 'Add to CAD Cart'. The 'Add to CAD Cart' button is highlighted with a blue circle and the number 2. The 'Request CAD files' button is highlighted with a blue circle and the number 4. The 'CAD CART (0)' dropdown is highlighted with a blue circle and the number 3. The table is highlighted with a blue circle and the number 1.

Model Number	Cooling Capacity	Heating Capacity	Weight
FXAQ07PVJU	7500 Btu/h	8500 Btu/h	26 lb 12 kg
FXAQ09PVJU	9500 Btu/h	10500 Btu/h	26 lb 12 kg
FXAQ12PVJU	12000 Btu/h	13500 Btu/h	26 lb 12 kg
FXAQ18PVJU	18000 Btu/h	20000 Btu/h	31 lb 14 kg
FXAQ24PVJU	24000 Btu/h	26500 Btu/h	31 lb 14 kg

- 1 Select desired products by checking the box next to it. Check the box next to the 'Model Number' will select all the products on the current page.
- 2 Click '[Add to CAD Cart](#)' to add the products into the cart.
- 3 The number displayed on the CAD Cart indicates the number of products currently added in the cart.
- 4 Click '[CAD Cart](#)' and click '[Request CAD files](#)' to be directed to the download page.

CAD Cart – Multiple Unit Files Download

1 Search by part number

2 Search Within Cart

3 CAD FILE OPTIONS

4 Email Address

5 Request CAD files

- 1 In the CAD Cart, the desired products can be searched by model number and directly added into the cart.
- 2 The products inside the cart can also be removed.
- 3 'CAD FILE OPTIONS' allows bulk download of 2D/3D/Revit files in different format. The 'View Part' button allows quick download of a specific file format of one product.
- 4 Enter the email address that will receive the files.
- 5 Click 'Request CAD files'. The result of a CAD Cart request is a .zip package downloading link delivered via email. Click on the link and the zip package will automatically download with the files in the selected format.

5

Dear user,

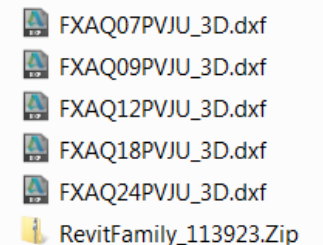
Your requested CAD Drawings are ready and can be downloaded at:

<http://xmlapi.thomasnet-navigator.com/CNDownload/Asset/MultiCADDownload?documentId=cad-17706-1040-hoohuybc-ikx.zip>

Download will be available for the next 14 days.

Best Regards,

Your Daikin North America LLC CAD Support

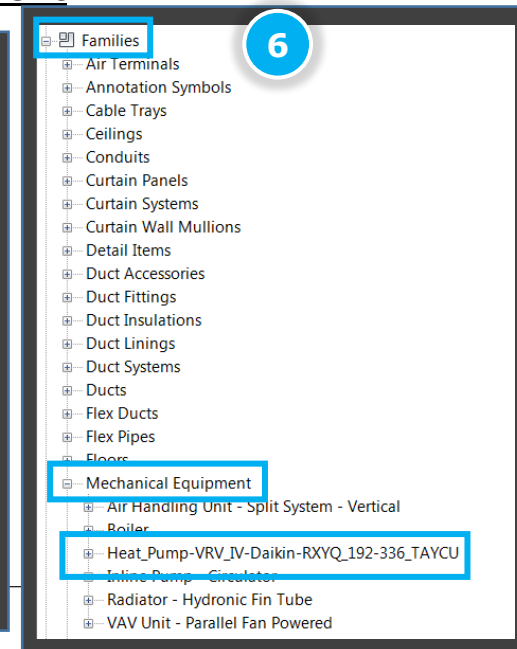
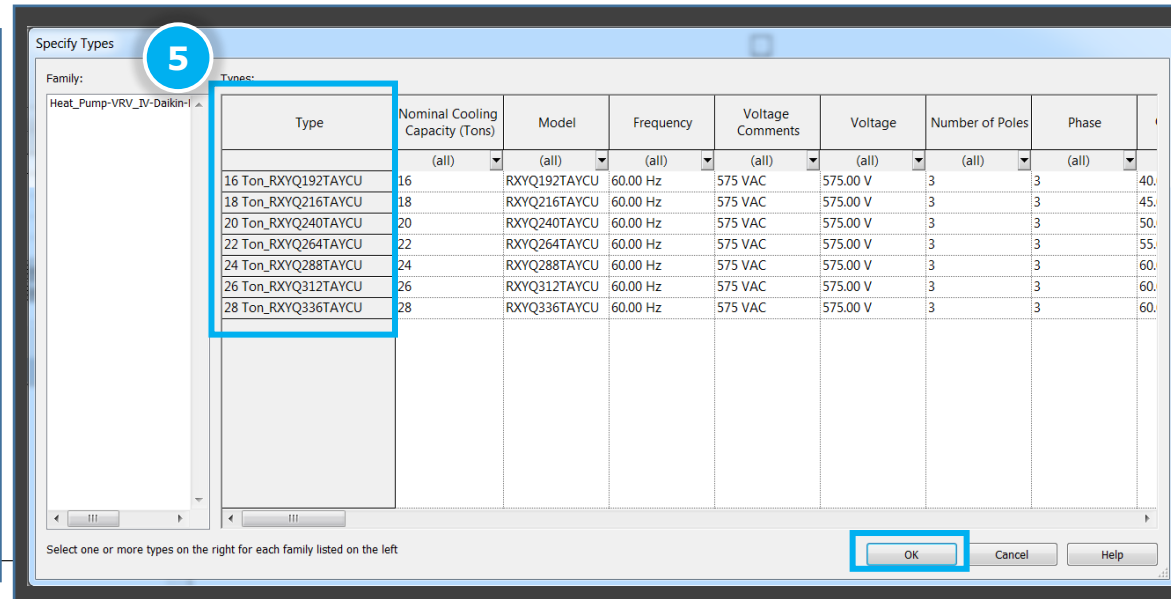
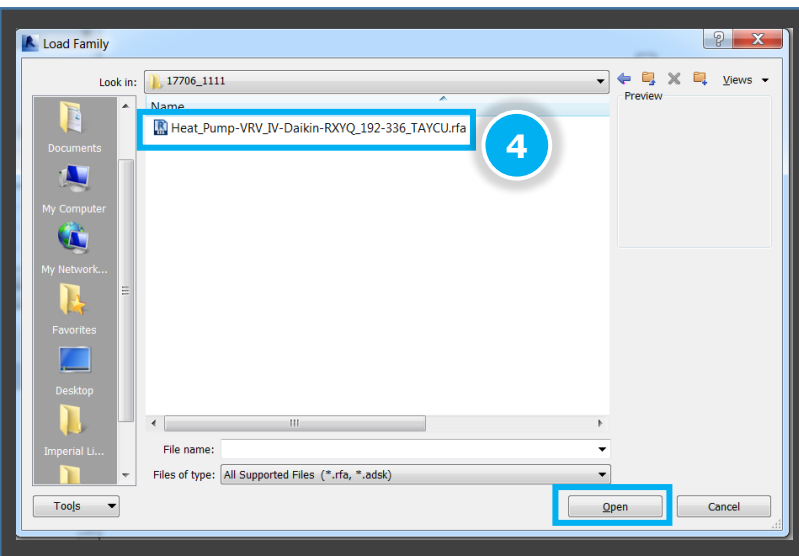
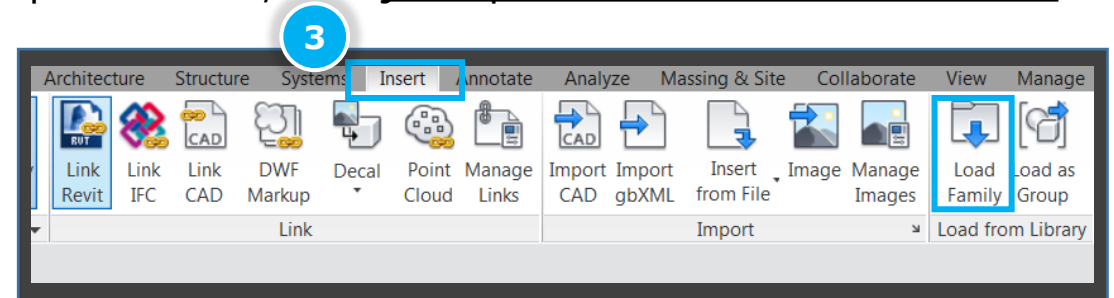


Load the Revit Family

NOTE: * The downloaded Revit family file (.RFA) includes a series of product files, thus just open it in Revit would NOT load the content properly.

• How to load the .RFA file:

1. Unzip the downloaded ZIP package into desired location
2. Open Revit
3. In the 'Insert' tab, select 'Load Family'.
4. In the pop up window, find the .RFA file and open it.
5. In the follow up window, select all the types (product model number) that are needed and click 'OK'.
6. The files are listed on the left side panel under the directory 'Families' -> 'Mechanical Equipment'.



Contact Information

Any questions about bim.daikincity.com should be directed to
DaikinCity@daikincomfort.com