



## **NATIVE REVIT FILES**

- These Revit Families represent Evapco's standard product configurations. In addition, some accessory options are included.
- Evapco Revit files are supplied in Autodesk Revit 2024 format. To access and or use these models Revit 2024 or newer is needed.
- **Note: Do not use these drawings for construction.** Connection sizes and locations may vary depending on job specifics. The information contained in these files is subject to change and should be reconfirmed at time of purchase.

### **Model Number**

The model numbers included in the families correlate with Evapco unit Certifications. Each model number represents different lengths, heights, widths, and horsepower. Different fan selections are also offered: Standard/Low Sound Fan /Super Low Sound Fan. To Download a Evapco Revit Family, Access [www.Bimobject.com](http://www.Bimobject.com). See [www.evapco.com](http://www.evapco.com) for unit certified. Call a local Evapco sales representative for unit specifications and any custom requirements, concerns and questions are welcome.

Downloading Revit

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ATC Evaporative Condenser

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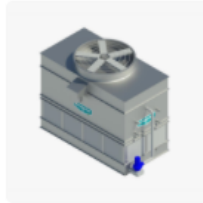
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### EVAPCO, Inc.

## AT Cooling Tower - Side Connection

Crafted from decades of engineering know-how, the Advanced Technology (AT) cooling towers series from EVAPCO features state-of-the-art induced draft, counterflow technology to deliver superior operating advantages in any climate. From performance to maintenance, they simply work smarter.

\*After importing the AT Revit family, to select between a Standard Fan, Low Sound Fan or Super Low Sound Fan, use the

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PDF Global Product Catalog\_2020.pdf - Global Product Catalog

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climate. From performance to maintenance, they simply work smarter.

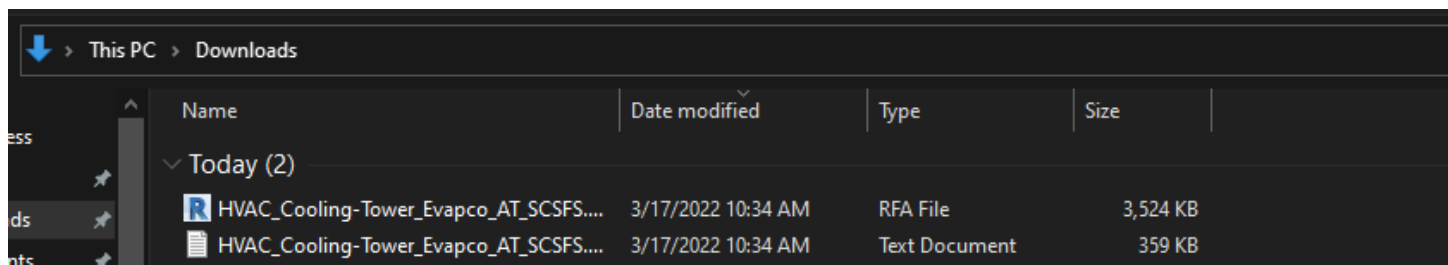
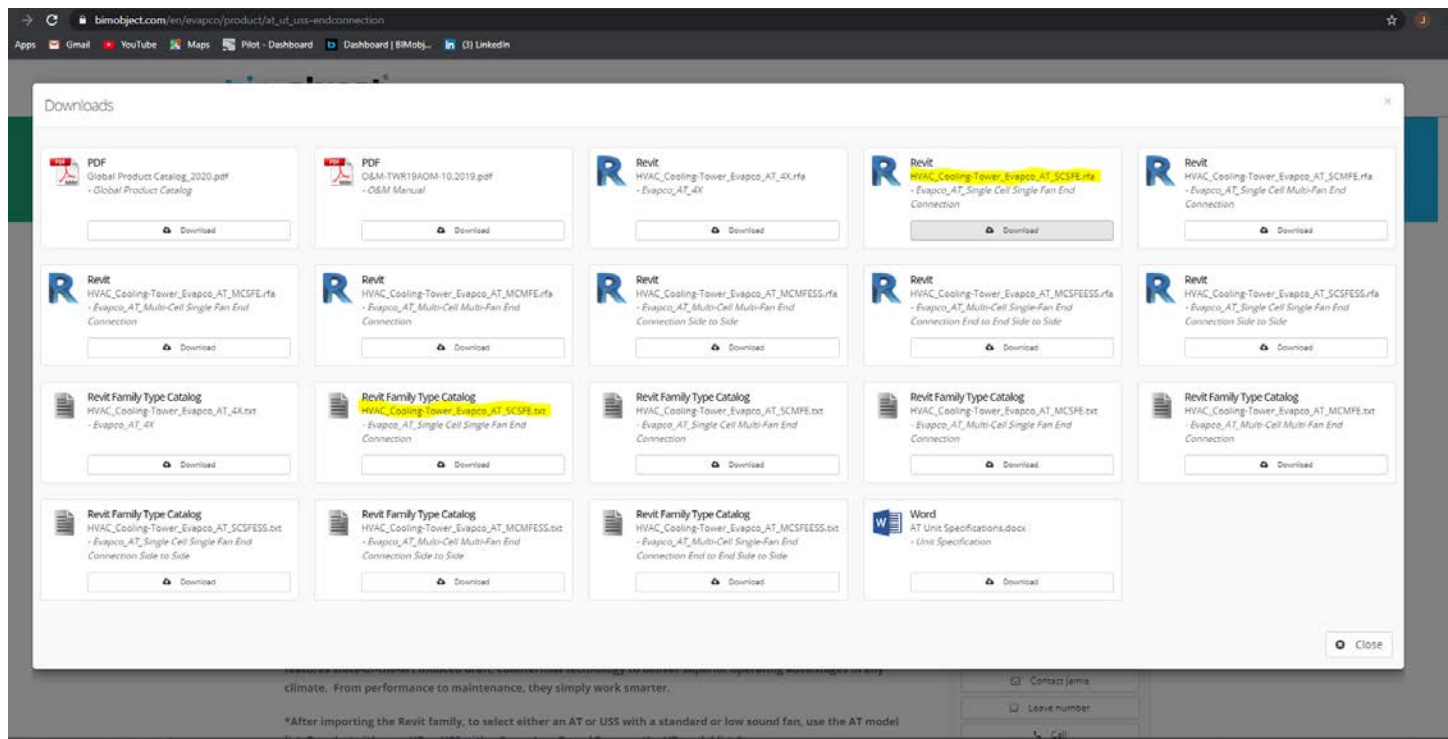
\*After importing the Revit family, to select either an AT or USS with a standard or low sound fan, use the AT model

Contact Jamie

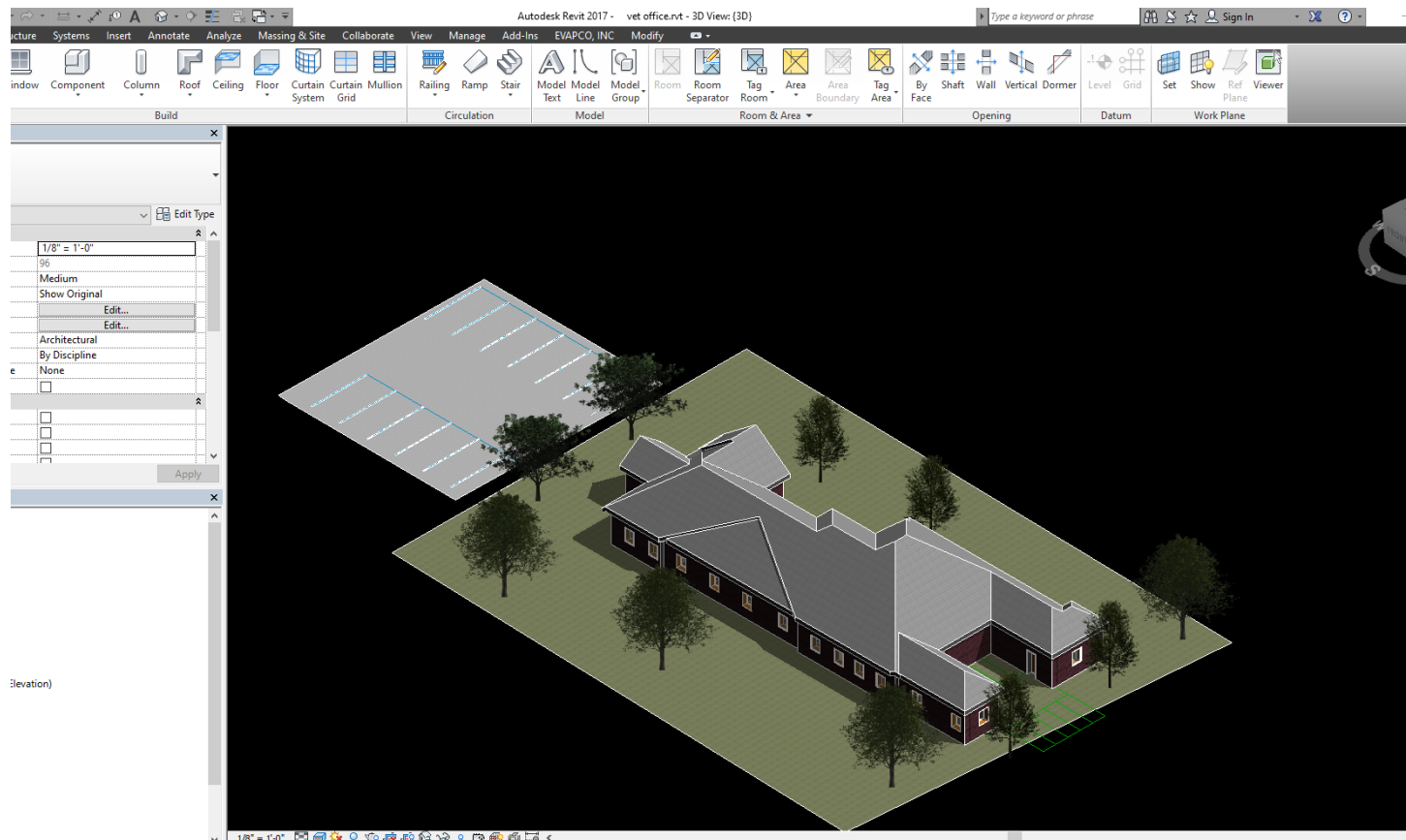
Leave number

Call

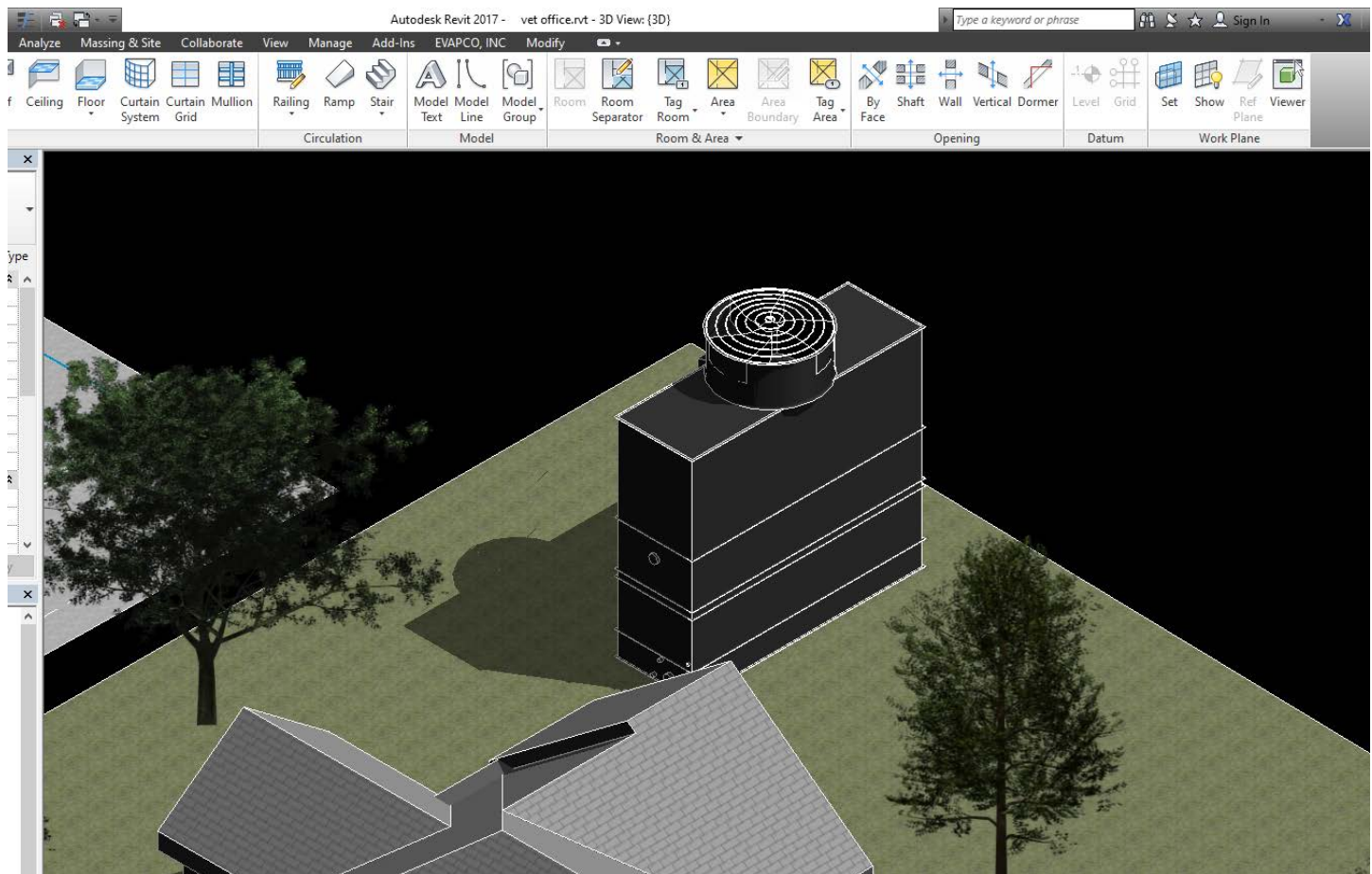
4. From this page select desired model and corresponding .txt file. It is imperative these two files be downloaded and remain in the same file location.



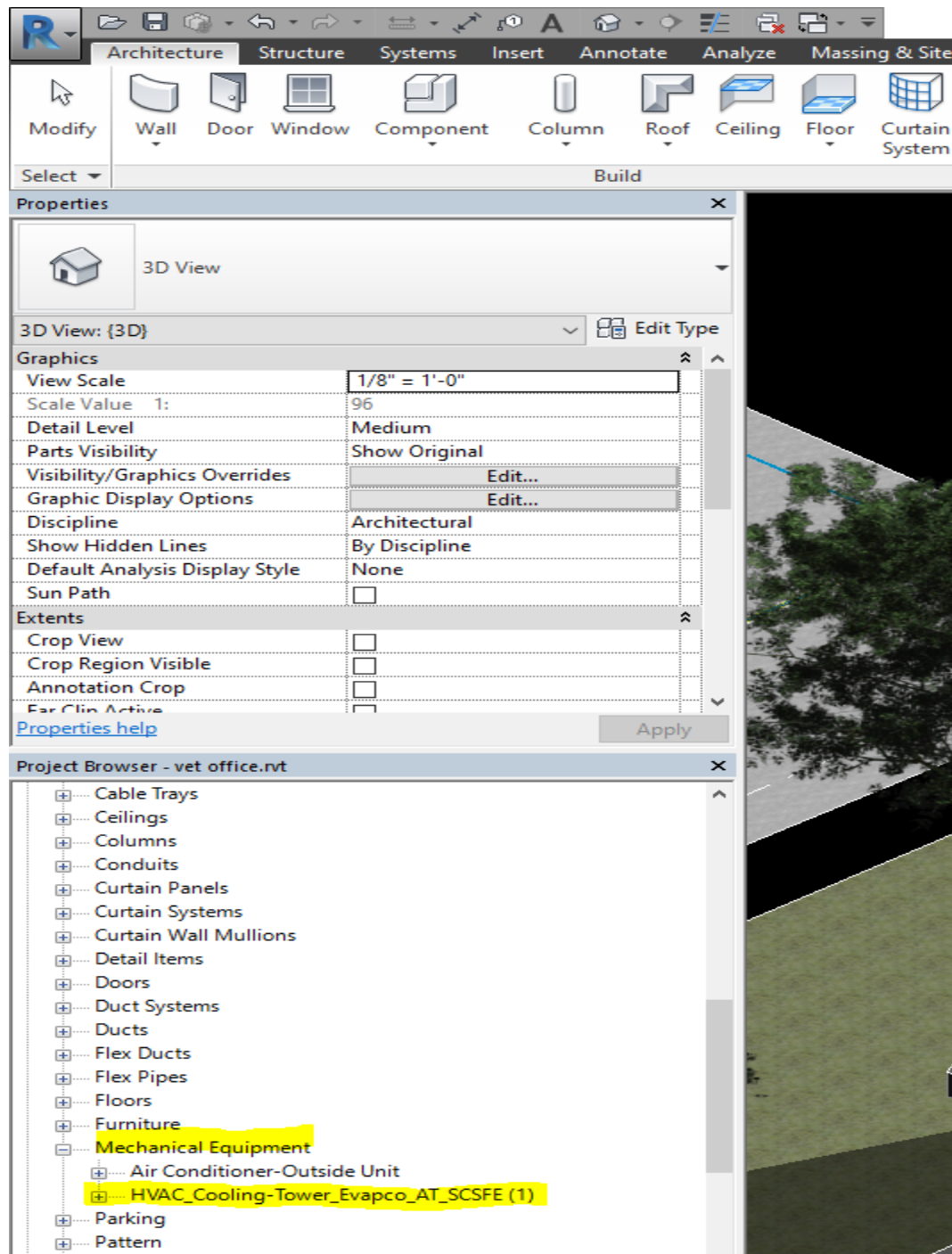
## 5. Open new or desired Project (RVT. File)



## 6. Drag Evapco Revit file (RFA.) into project file (RVT.)

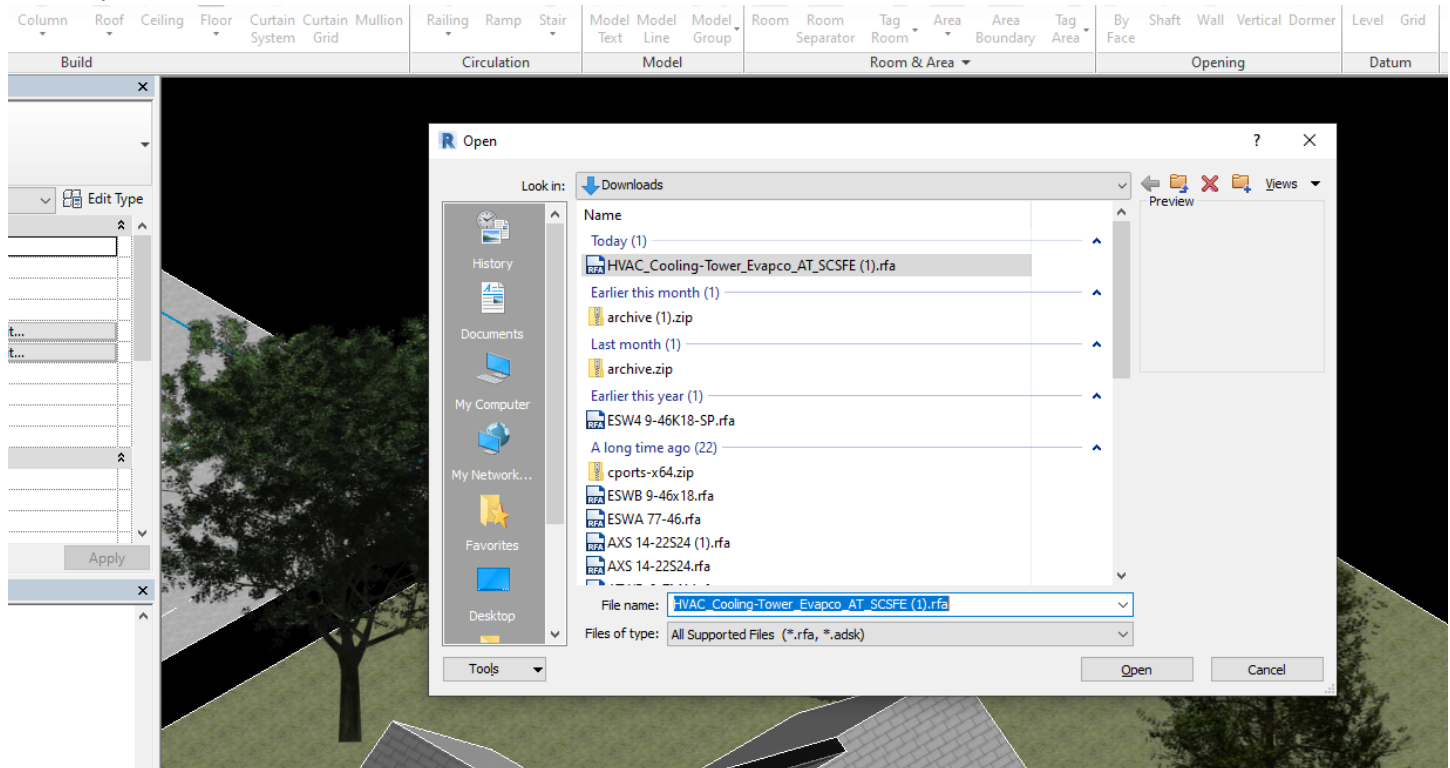


7. Load Type Catalog, on “Project Browser” menu, hit the drop down (+). The Evapco Revit file title will be shown.

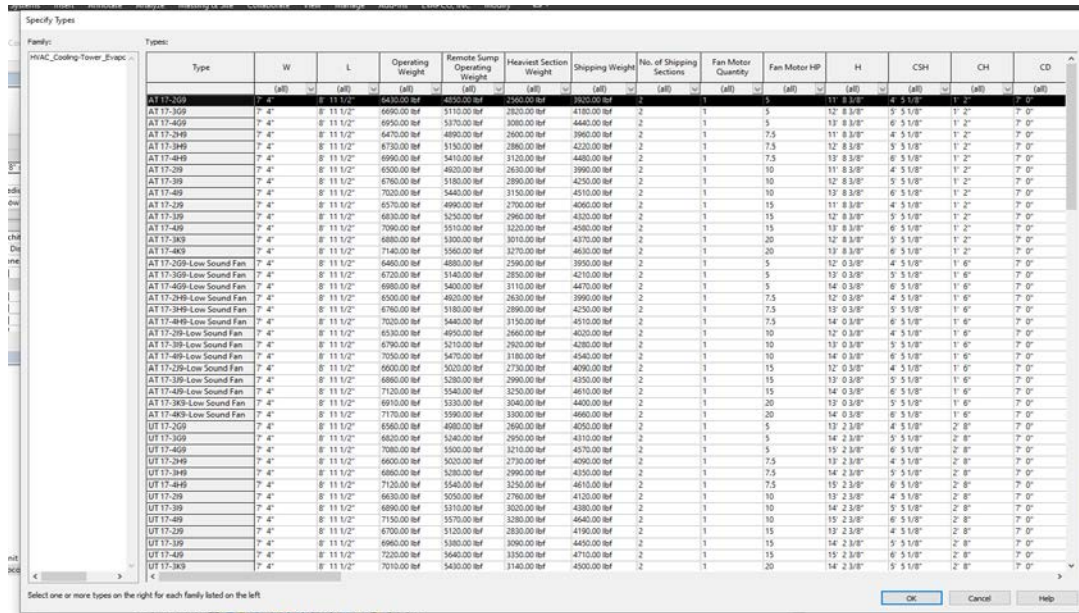




8. Right click on title, select “Reload”. The “Open” dialog box will appear with the correct model already highlighted, select open.

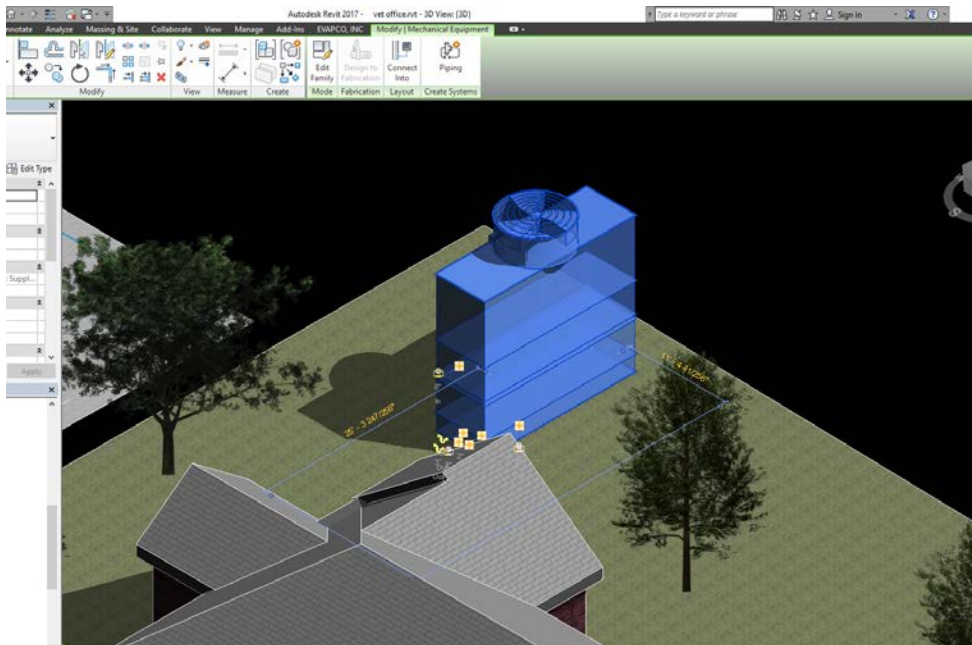


9. After selecting open, the “Specify Types” dialog box will appear (model list for this particular family). Select Desired Evapco model number. Select “OK” after correct model or models are chosen.

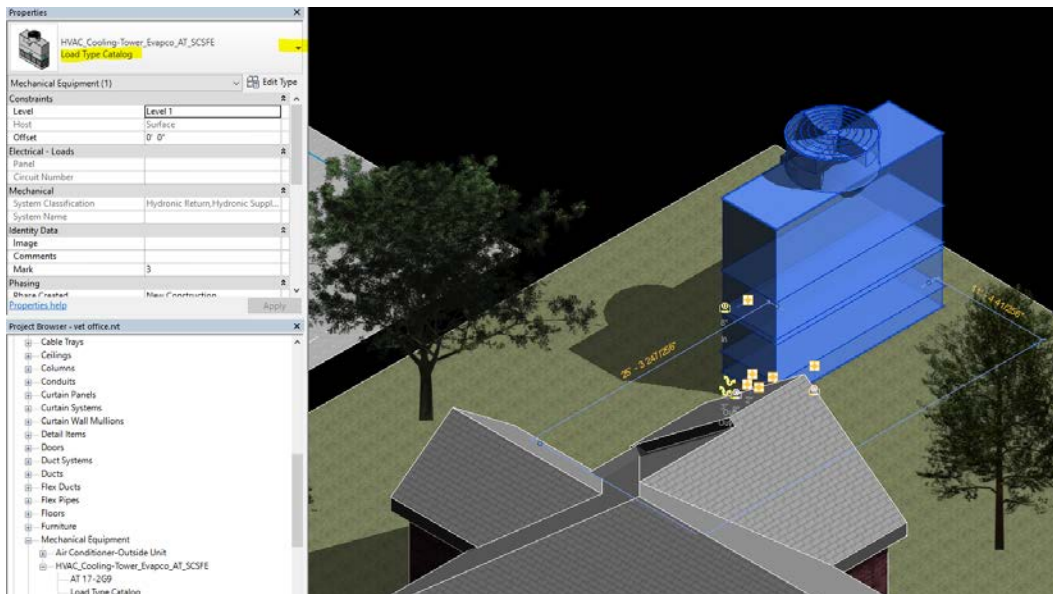


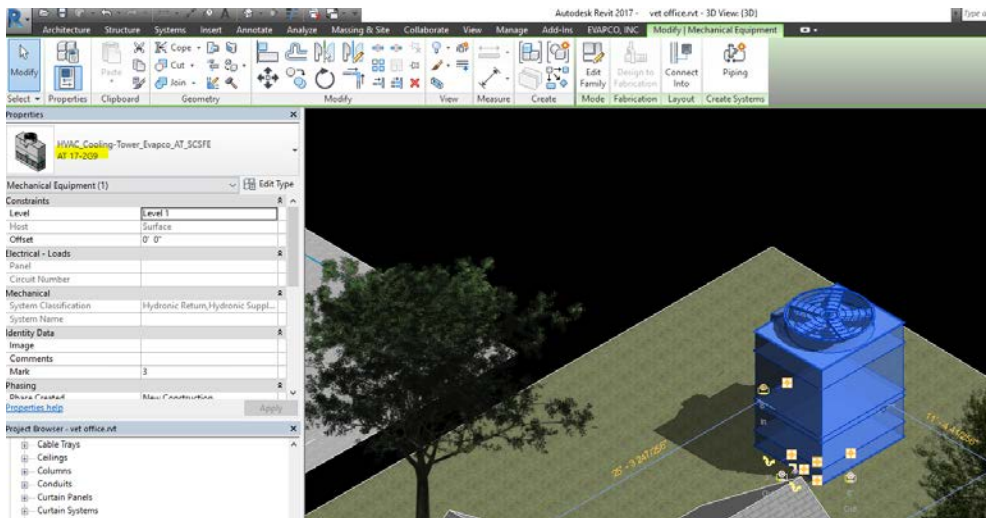


10.Highlight model in viewspace by clicking on it. (model will turn blue)



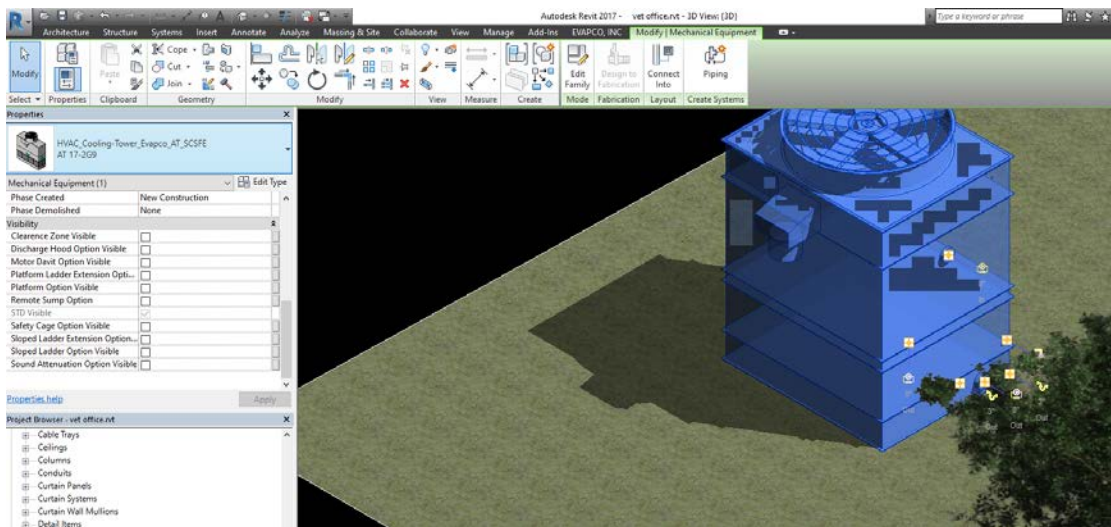
11. Notice nothing has physically changed in the model. This is due to it still showing the base “Load type Catalog” file. To change this, on your “Properties” menu, use the drop down to Select the model number you just loaded in the Revit project. After doing this the model will then update.

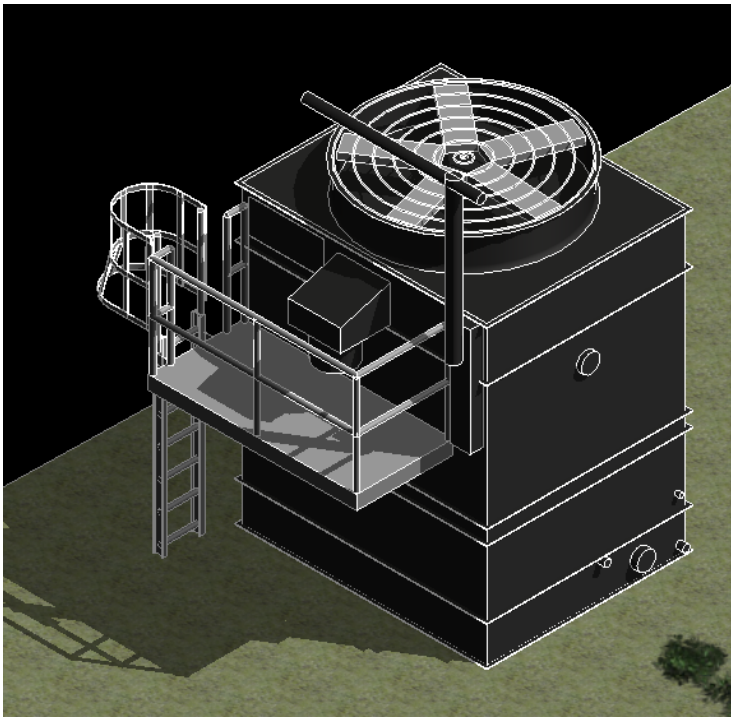




## 12. Accessory Selection

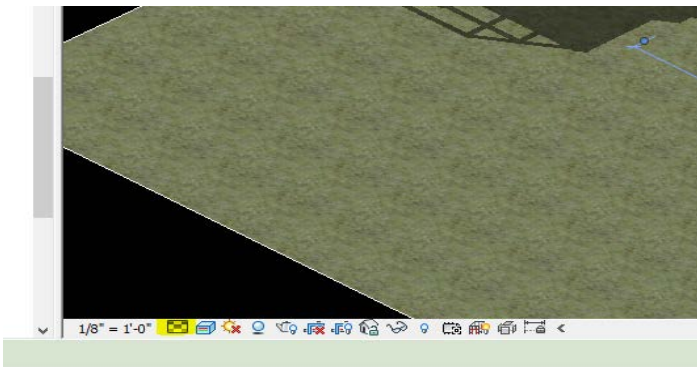
With Unit highlighted (Blue), scroll down on the “Properties” menu and the “visibility” section will appear. This has a multitude of accessories provided with associated check boxes. Select desired accessories (Platform, Ladder Extension, Safety Cage, Sloped Ladder/Vertical Ladder, Sloped Ladder Extension, Sound Attenuation, Discharge Hood, Motor Davit, Remote Sump option and Unit Clearance Zones), Cooler/Condenser Options similar, but may vary.





### 13.Changing Detail

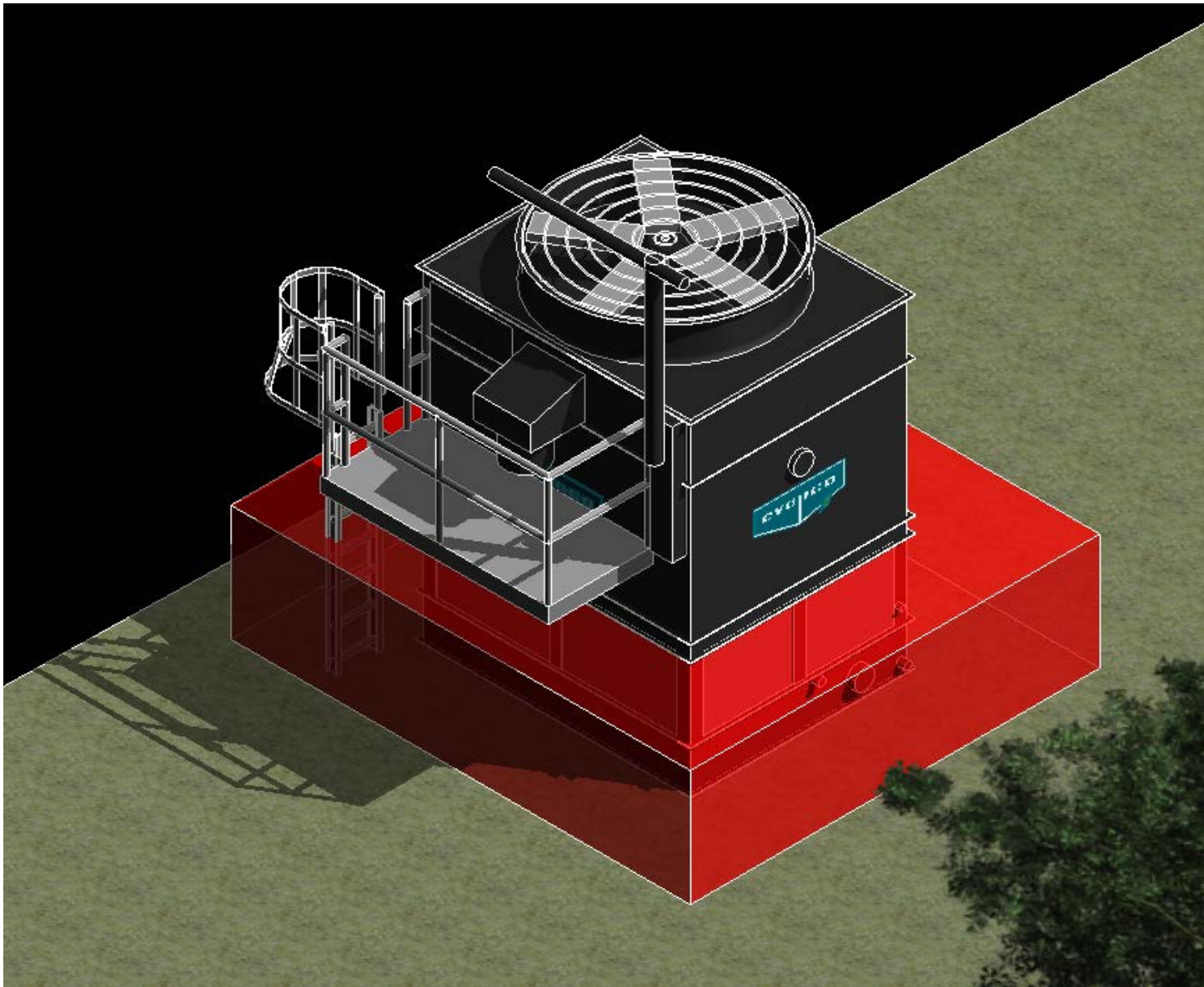
The Revit is imported showing limited detail. This is changed by selecting the project detail setting to fine. This button is located on the bottom left of the screen.





## Clearances

Clearance Zones are for reference. These requirements vary by application. Vertical enclosures around the unit should not rise above fan discharge, otherwise air circulation may be affected.



## Weights

In the Revit family Specific weights are included. These weights are in the “Type Properties” dialog box. These weights vary between horsepower, fan selection and unit height. Additional weight adds are included for accessories. These are to be added if accessory is selected. It is the customers responsibility to take account of this.

- Shipping Weight
- Operating Weight (Unit plus operating water)
- Heaviest section (Heaviest shipping section on unit)
- Platform Weight (Weight Per Individual Platform)
- Sound Attenuation weight add (Sound attenuation weight per fan section)
- Discharge Hood Weight add (Discharge Hood weight per fan section)
- Remote Sump Weight (Accounts for weight change for a Remote Sump Option unit)

Structural Analysis			↑
DischargeHoodWeight	910.00 lbf		
Fan Motor HP	5.000000		
Fan Motor Quantity	1		
Heaviest Section Weight	2560.00 lbf		
No. of Shipping Sections	2		
Operating Weight	6430.00 lbf		
Platform Weight	560.00 lbf		
Remote Sump Operating Weight	4850.00 lbf		
Shipping Weight	3920.00 lbf		
Sound Attenuation Weight	1640.00 lbf		