

# FAQ

## Ripple HVAC Toolkit

### 1. Where can I download the add-in?

From the Price website on the [Engineering Toolkit landing page](#), the [Ripple Engineering Software Website](#) or directly by searching for the Ripple HVAC Toolkit in the [Autodesk App store](#).

### 2. How much does it cost?

The add-in is FREE!! The Ripple HVAC Toolkit add-in is sponsored by the manufacturer, Price Industries, making it free of cost for all users.

### 3. Do I need internet to use the tools?

Yes, internet connection is required to link the cloud-based Price performance data to the Revit families. This also allows the families to have access to copious amount of information, without bogging down your project.

### 4. Will the auto placement work with a linked project?

Yes, the auto placement tool works in a linked or live ceiling.

### 5. Are the families hosted?

The air terminal (ceiling diffuser) families are hosted when a ceiling is detected. If no ceiling is detected, either a non-hosted air terminal family or a hosted family linked to a reference plane is placed in the project at a specified height.

For mechanical equipment (VAVs), the families are non-hosted.

### 6. Will the inlet auto size if the airflow is updated?

Yes, the inlet size on VAV families will autosize if the max CFM is adjusted.

No, the air terminal (ceiling diffuser) families will not autosize. The inlet size for an air terminal family is a type parameter and will not change if the airflow is adjusted. The corresponding performance data (throw, NC, pressure drop) will update accordingly based on the selected neck size.

### 7. What does my project need to run the tools?

For the Air Terminal Selection/Placement Tool: Spaces, Airflows

For the AutoZoning and VAV Placement: Spaces, Space Types, Airflows, Heating and Cooling Loads.

# FAQ

## Ripple HVAC Toolkit

### 8. Does the GRD auto placement tool account for objects in the ceiling?

Yes, it has some built in clash detection and will try to avoid sprinklers, lighting, smoke detectors and other objects in the ceiling. Hosted families can be offset up to one ceiling tile to avoid obstructions in the ceiling. If no perimeter positions are available, then it will default back to its original location. Note: its ability to accurately avoid other ceiling objects is also dependent on the quality of the other families in the ceiling. Manually reviewing the placements for overlaps is still recommended.

### 9. What happens if I send the project to someone who does not have the add-in?

All the performance data within the families will become static yet remain in the model and schedules. The user will see a pop notification indicating the project has been updated with an adder that is not installed.

### 10. What do I need from the architecture file? What if I have an AutoCAD architectural floor plan?

An architectural Revit model would require room names and enclosed rooms. The room names can be converted to mechanical spaces using the Rooms to Spaces tool.

This tool would not be compatible with 2D imported AutoCAD drawings.

### 11. Can I save my customizations to the schedules and families?

Yes, duplicate the schedule then delete, add, and customize the schedule columns and headers as needed. Save the duplicate schedule to your project template to use for future use.

A user can customize the graphics of the air terminal families and add their own shared parameters to the family. However, the default family name, types, and shared parameters cannot be removed or altered.

### 12. What Revit version is the add-in compatible with?

The Ripple HVAC Toolkit add-in is compatible with Revit version 2020 and later.