

A large, stylized red graphic composed of nested, thick-lined shapes that resemble a house or a series of interlocking geometric forms, set against a white background.

Nibe MagiCAD plugin for Revit

User guide

05/12/2024

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1 General

1.1 About this document

This document contains instructions on using *Nibe MagiCAD plugin for Revit*. The plugin is a CAD extension application for importing air handling units into Revit and MagiCAD for Revit from Nibe air handling unit configurator.

1.2 Installing the Software

1.2.1 Required Third-party Software

Nibe MagiCAD plugin works with the following MagiCAD and Revit versions:

Revit

- Revit 2022 - 2025

MagiCAD (optional)

- MagiCAD for Revit 2024 with Revit 2022 - 2024
- MagiCAD for Revit 2025 with Revit 2022 - 2025

1.2.2 Installation

1. Download setup file from
<https://portal.magicad.com/download/ProductSearch?searchStr=Nibe&categoryId=3>
2. Install Nibe MagiCAD plugin for Revit.

Administrator privileges are recommended for the installation.

1.3 Air handling units for the plugin

The air handling unit must be configured in the Nibe application before using the plugin.

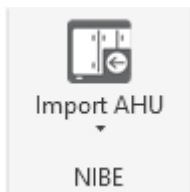
The plugin receives the air handling unit data from the Nibe application in the transfer file (file extension is MAH). The transfer file must be saved somewhere where the plugin can use it.

The transfer file can contain more than one air handling unit at a time.

2 Features

2.1 Nibe MagiCAD Plugin User Interface

The plugin can be found in *Add-Ins plugins* tab in Revit.



2.2 Import AHU

This feature allows the plugin user to select a file exported Nibe AHU Configurator (*.MAH extension) and import the air handling unit(s) in the file to MagiCAD for Revit \ Revit.

Before the *Import AHU* feature from the plugin is used, the air handling unit(s) needs to be first exported from the Nibe AHU configurator.

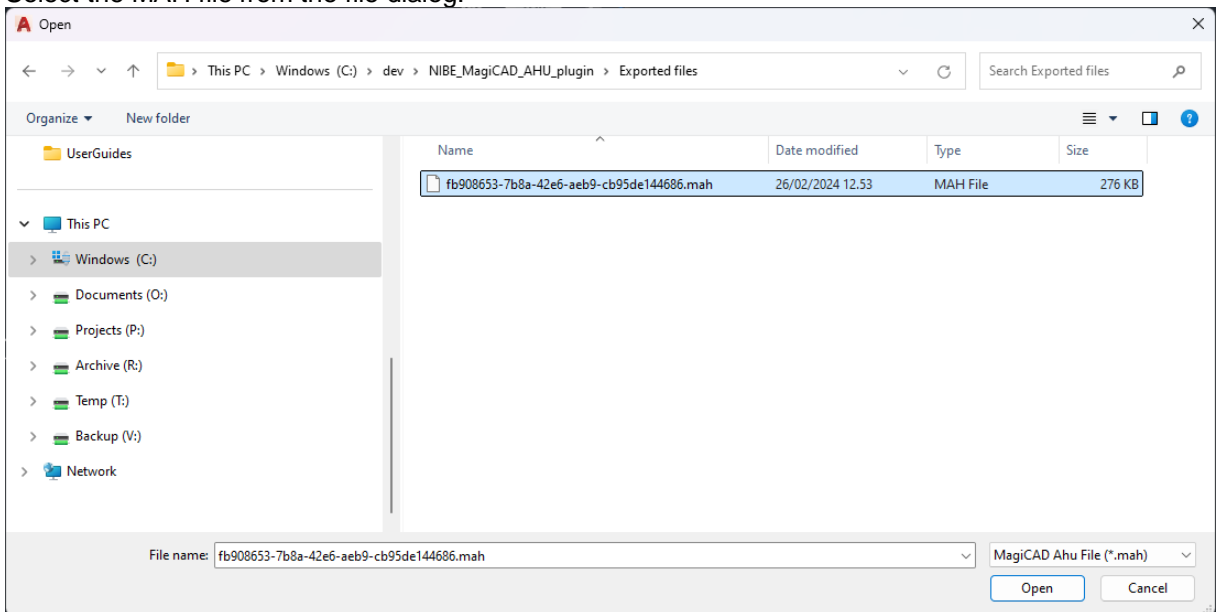
The Nibe AHU configurator user and the plugin user can be a different person.

Follow these steps for importing a Nibe air handling unit into MagiCAD for Revit \Revit.

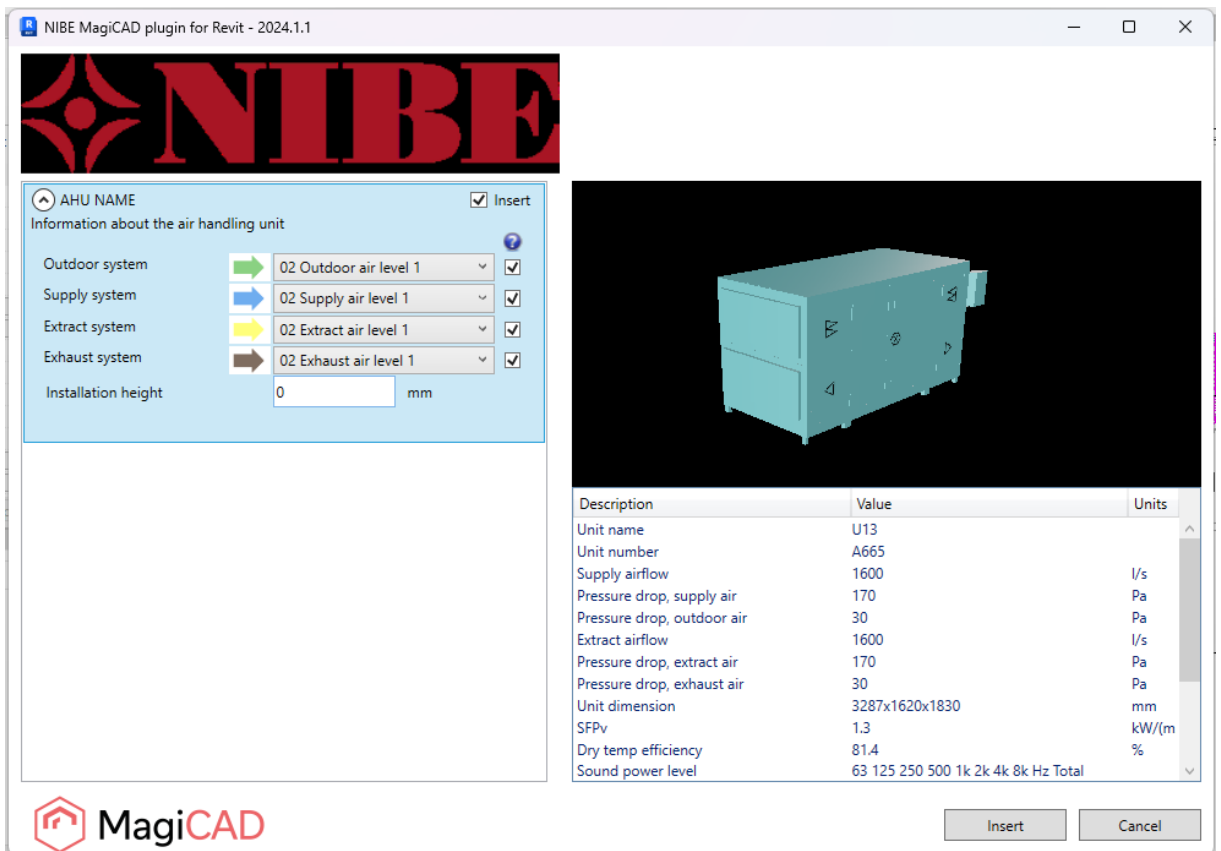
1. Click *Import AHU* button from Add-Ins ribbon panel in Revit.



2. Select the MAH file from the file dialog.



3. After clicking the *Open* button, the plugin reads the transfer file (*.MAH) and loads the air handling unit(s) to the insertion dialog.



The geometry of the product is displayed on the top right side. The product can be zoomed with the mouse wheel.

Before installing the product to the Revit or MagiCAD for Revit, the systems can be selected for each duct connection. The systems are read from the active Revit project. The duct system selections are not mandatory at this point.

The plugin supports also pipe connections (heating and/or cooling). The system selections for the pipes are shown in the insertion dialog if the air handling unit contains pipe connections. The pipe system selections are not mandatory at this point.

The installation height (offset) of the product can be defined in the insertino dialog. The offset value can be changed later in Revit.

Please notice that it is possible to uncheck *Insert* checkbox in case you want to exclude some of the air handling units from the insert operation.

4. Once the selections have been made in the insertion dialog, the insert operation can be started by clicking *Insert* button.
5. The product(s) can be placed to Revit project one by one by dragging them to the wanted position.

Once the air handling unit is inserted to Revit, it can be connected to ducts and pipes.

