

User Guide
Version 2025.6.1

Acticon MagiCAD Plugin

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About this program

This document contains instructions on using software Acticon MagiCAD plugin.

Acticon MagiCAD plugin is an extension to MagiCAD software. As an input it requires readymade hood file with *.acticon extension or *.mchoodproject for GastroFlow hoods. You receive these files from Acticon AB.

Please contact Acticon for a customized proposal for your professional kitchen project. We deliver AutoCAD 3D designed solutions of hood drawings with airflow, pressure drop, and noise levels specified. With Acticon MagiCAD plugin these files are easily imported into your MagiCAD project.

Further information and contact details at www.acticon.se

Installing the software

Required third-part software

Uninstall previous versions before installing Acticon MagiCAD plugin.

Acticon MagiCAD plugin works with the following MagiCAD versions:

- MagiCAD 2025 and AutoCAD 2021-2025
- MagiCAD 2026 and AutoCAD 2023-2026

Installation

1. Download setup file from

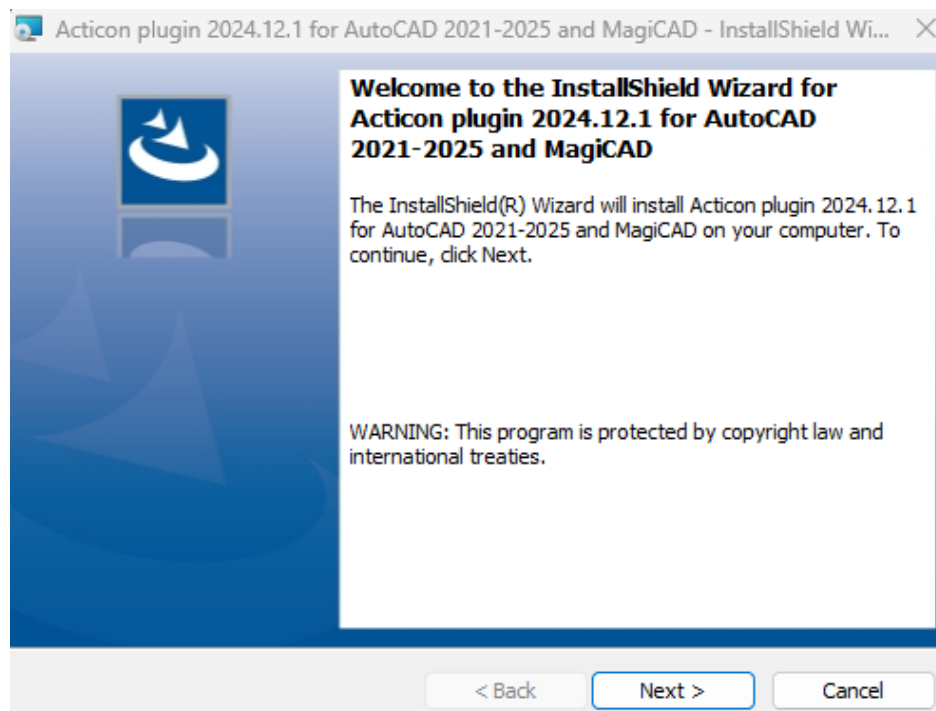
<https://portal.magicad.com/Download/GetProductCategoryList?categoryId=3>

Search Acticon and press GO.

The version of the plugin is installed by running the installation software:

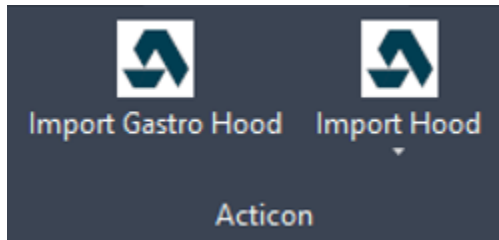
“Acticon plugin”

2. Follow the instructions given by the InstallShield Wizard.



User instructions

After installation, two plugin modules are visible in the MagiCAD Connect tab and Acticon panel.



Import Gastro Hood

Import Acticon GastroFlow hood for professional kitchen

Import Hood

Import Acticon standard hoods for professional kitchen

AF Exhaust air hood

AT Supply air hood

AE Control air hood

Evac-F Exhaust air hood

Evac-T Supply air hood

AK Condensation hood

AKT Condensation hood with supply air

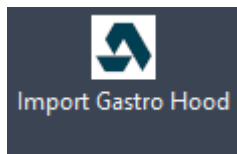
AD Dishwashing hood

ADT Dishwashing hood with supply air

Import Gastro Hood

Adding Gastro hood into MagiCAD for AutoCAD drawing

Click "Import Gastro Hood" button.



And then click "Open File"-button to open *.mchoodproject file.

A dialog with information about the opened Gastro hood will open.

A screenshot of the "Acticon Icon MagiCAD Plugin 2024.12.1" dialog box. The dialog has a title bar with standard window controls. Below the title bar is a table with columns: Hood Name, Operation, Supply System, Extract System, Bottom Level, Connection Level, and Top Level. There are two rows of data. The first row has "Kåpa 1" in the Hood Name column, a checked "Insert" checkbox in the Operation column, an empty dropdown in the Supply System column, "Extract 1" in the Extract System column, and values 2100, 2650, and 2750 in the Bottom Level, Connection Level, and Top Level columns respectively. The second row has "Kåpa 2" in the Hood Name column, a checked "Insert" checkbox in the Operation column, "Supply 1" in the Supply System column, "Extract 1" in the Extract System column, and the same values 2100, 2650, and 2750 in the level columns. Below the table is a large empty rectangular area. At the bottom right of the dialog are "OK" and "Cancel" buttons.

Explanation of the fields:

Hood Name

The name of the imported hood. It can be renamed here.

Operation

You can select if the hood will be inserted to AutoCAD drawing or not with the checkbox.

Supply System

Select the supply system where this hood is attached. If system is not selected, OK button is not clickable, and hood cannot be inserted to the drawing. If the hood does not contain supply air, this choice is not available.

Extract System

Select the extract system where this hood is attached. If system is not selected, OK button is not clickable, and hood cannot be inserted to the drawing.

Bottom Level

Height position of the lowest point of the hood in AutoCAD drawing. You can change the value for height of the hood's bottom edge. Default value is 2100 mm.

Connection Level

Height position of the connection level of the hood in AutoCAD drawing. You can change the value for height of the connection level.

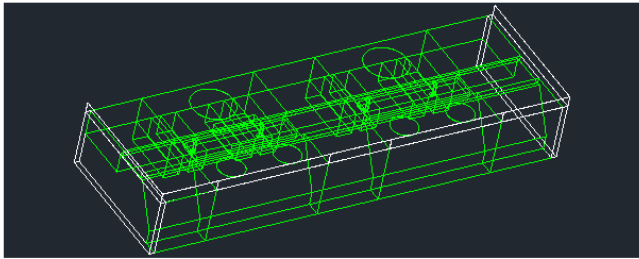
Top Level

Height position of the highest point of the hood in AutoCAD drawing. You can change the value for height of the top level.

NOTE: Height levels are updated automatically if you change one value the others get adjusted according to the hood size.

Acticon Icon MagiCAD Plugin 2024.12.1

Hood Name	Operation	Supply System	Extract System	Bottom Level	Connection Level	Top Level
Kåpa 1	☒ Insert		Extract 1	2100	2650	2750
Kåpa 2	☒ Insert	Supply 1	Extract 1	2100	2650	2750



Description	Value
Total exhaust airflow	800 l/s
Total supply airflow	600 l/s
Total hood weight	kg
Notes	test

OK Cancel

Expanded Hood View

Clicking the arrow on the left side of the window the selected hood view will be expanded.

Preview image

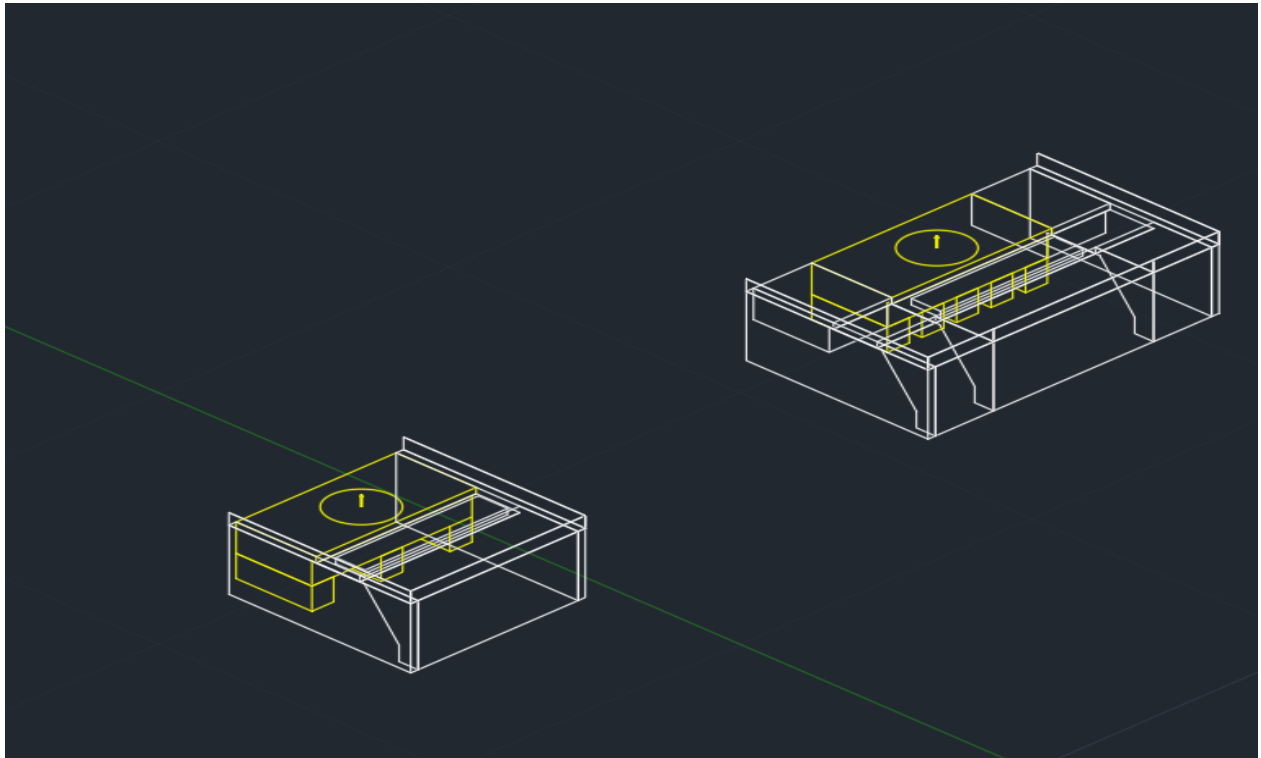
On the left side you can see the preview image of the hood. It can be rotated using mouse.

Description and Value

Here you can see some technical details of the hood and notes from the hood designer.

Clicking the OK button from the plugin window, the selected hoods will be added to the drawing. They will be inserted one at a time based on the list and check boxes in the dialog box.

The hood is attached to the mouse cursor. Place and rotate it in the model by clicking the mouse cursor in the desired location, according to Acticon's recommendations.

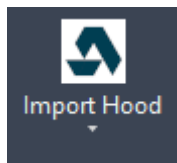


Now you can continue designing in the MagiCAD project, e.g. connecting ducts to supply/extract devices in the hood.

Import Hood

Adding Hood into MagiCAD for AutoCAD drawing

Click "Import Hood" button.



And then click "Open File"-button to open *.acticon-file.

A dialogue with default information will open.

A screenshot of the "ACTICON HOODS DESIGNER" dialog box. It features the Acticon logo at the top. Below the logo are several input fields and buttons. The "Filename" field has an "Open File" button next to it. The "Product code" field is empty. The "User code" field contains "ac1". The "Lowest edge of the hood" field contains "0". The "Installation Height" field contains "0". The "MagiCAD system / Supply" dropdown menu is set to "Supply 1 S1". The "MagiCAD system / Extract" dropdown menu is set to "Extract 1 E1". There is an "Insert info text" checkbox which is unchecked. At the bottom right is an "Add hood to MagiCAD" button.

Product code

The product code is filled in automatically

User code

If you want, you can give the hood a specific name or code. The user code must begin with a letter, not a number.

Lowest edge of the hood

If you want, you can change the default value for height of the hood's bottom edge. Default value is 2100 mm.

Installation Height

Height of the hood roof. Enter height of the hood's bottom edge. The installation height will appear in a non-editable field.

MagiCAD system

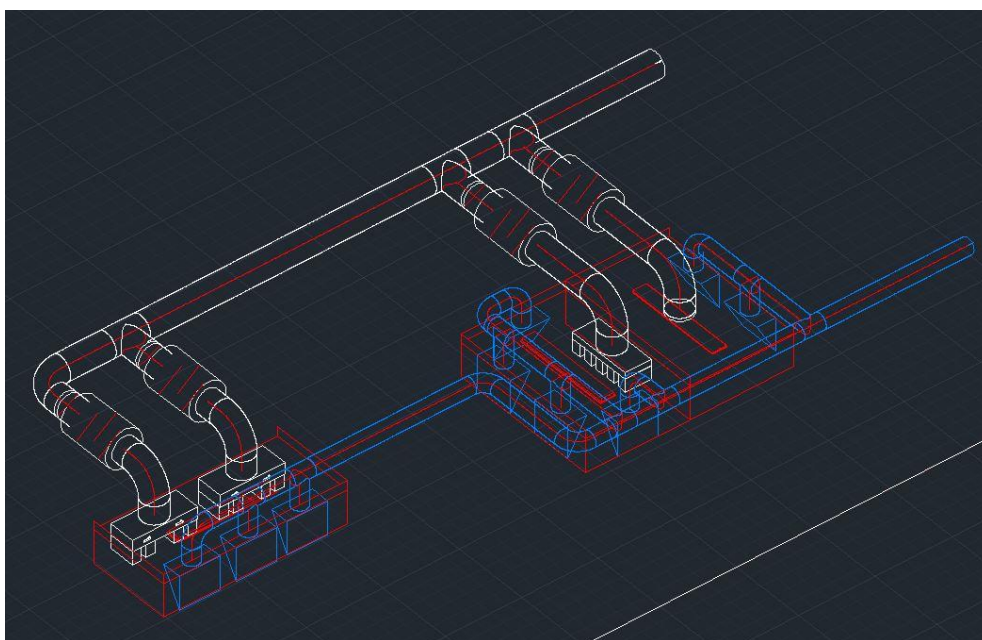
If there is more than one system in the current MagiCAD project, select required supply and extract air system in the drop-down menu. Whether the hood has supply air or not, you must always select a supply air system. If system is not selected, "Add hood to MagiCAD" button is not clickable, and hood cannot be inserted to the drawing.

Insert info text

Mark the box if you would like information text for the hood into your MagiCAD project. The text flag is automatically inserted with default text style ISOCP, text height 125 mm.

Add hood to MagiCAD

Then click button "Add hood to MagiCAD" and the hood is automatically placed in the correct position or in origo, depending on the basis.



Now you can continue designing in the MagiCAD project, e.g. connecting ducts to supply/extract devices in the hood.