

Repus MagiCAD Connection

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About this document

This document contains instructions on using plugin *Repus MagiCAD Connection*.

Repus MagiCAD Connection is a Web-based extension to MagiCAD software.

Installing the software

Required third-party software

Repus MagiCAD Connection works with the following MagiCAD versions

32-bit version requires:

- MagiCAD 2014.4/2014.11 and AutoCAD 2010-2015

64-bit version requires:

- MagiCAD 2015.4 or newer and AutoCAD 2010-2016

Installation

1. The installation package is available at Progman's website
www.progman.fi >> Downloads >> MagiCAD plugins

2. Install the Repus MagiCAD connection

The 32-bit version of the program is installed by running the installation program

Repus MagiCAD plugin 2015.5.1 32-bit.msi

The 64-bit version of the program is installed by running the installation program

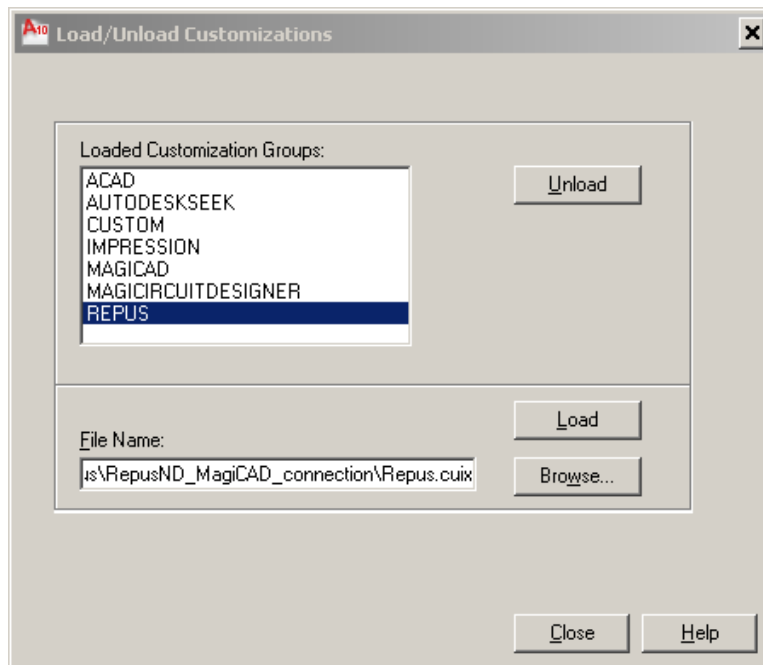
Repus MagiCAD plugin 2015.5.1 64-bit.msi

Administrator privileges are recommended for installation. **Note if you have several AutoCAD versions on your workstation:** Before you run the installation program, start MagiCAD to make sure that *Repus MagiCAD Connection* installs on the same AutoCAD platform as MagiCAD.

Starting the program

Before you start using *Repus MagiCAD Connection*, start MagiCAD and open a Ventilation project.

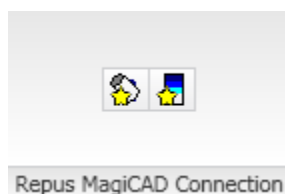
When you first time start using *Repus MagiCAD Connection with AutoCAD 2010-2012*, you need to load the customization file (*Repus.cuix*) manually. Run **CUILOAD** or **MENULOAD** in AutoCAD, and browse the customization file from the following directory: *C:\Users\All Users\Repus\RepusND MagiCAD plugin software* (win 7) or *C:\ProgramData\Repus\RepusND MagiCAD plugin software* (win 8).



When you click *Load*, *Repus* toolbar appears on the desktop.



and ribbon



Next time you use AutoCAD, the customization file is automatically loaded.

Information for network administrators:

Plugin requires connection to Repus web site. Internet Explorer control is used to browse web pages from

http://www.repus.se/repus/index.php?command=open_nozzle_duct_from_magica

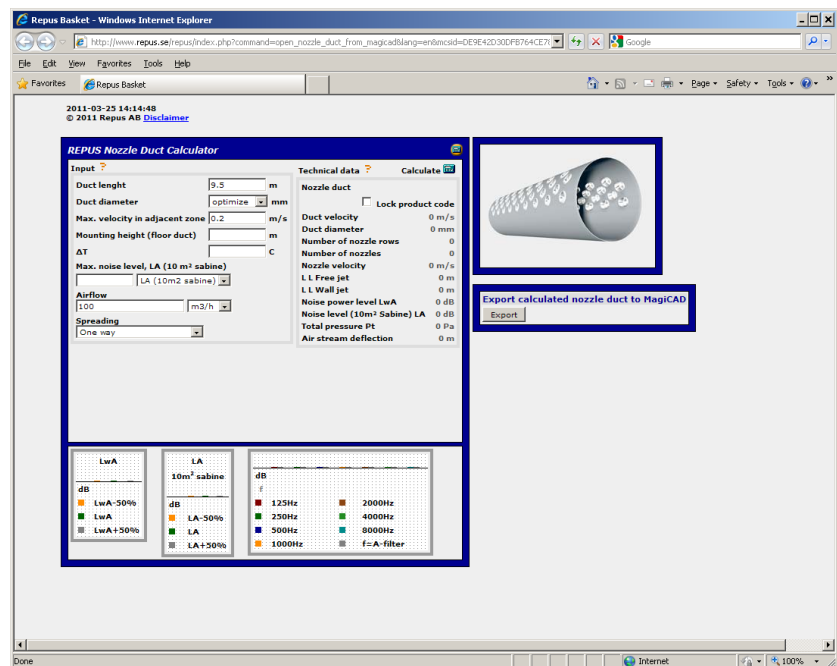
Standard HTTP GET (TCP, default port 80 should be used) method is used to retrieve files from the server. GET response includes file (mime application/octet-stream). Your network firewall should allow such connections.

How to use the plugin

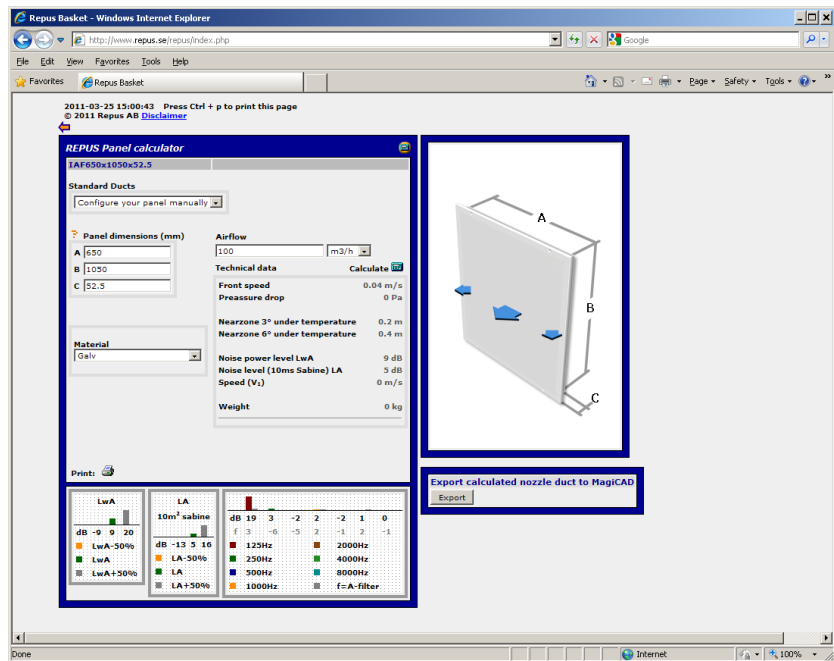
1. Press the plugin icon




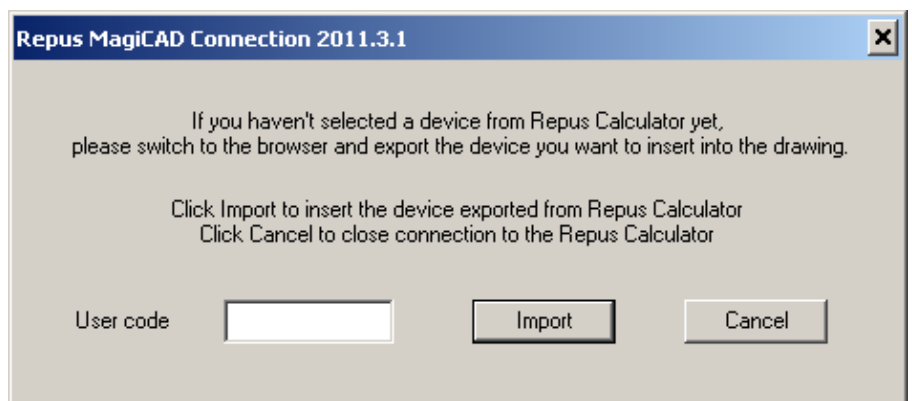
Button starts the Repus Nozzle Duct Calculator in your preferred web browser



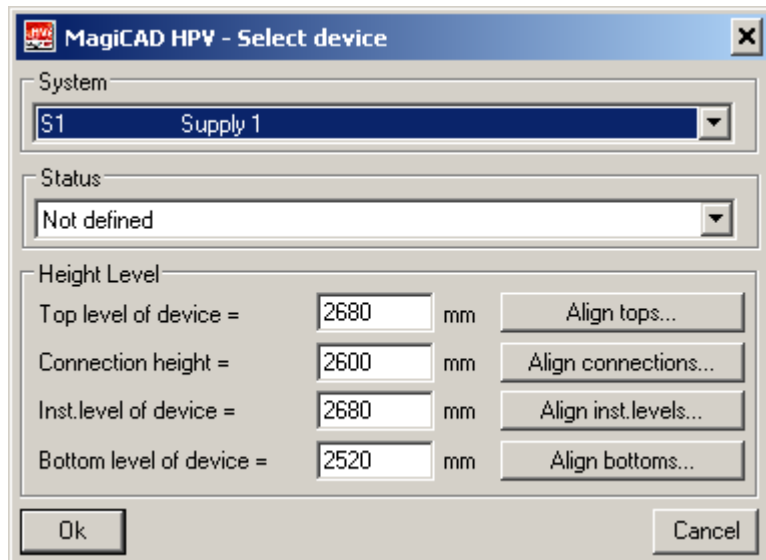
Button starts the Repus Panel Calculator in your preferred web browser



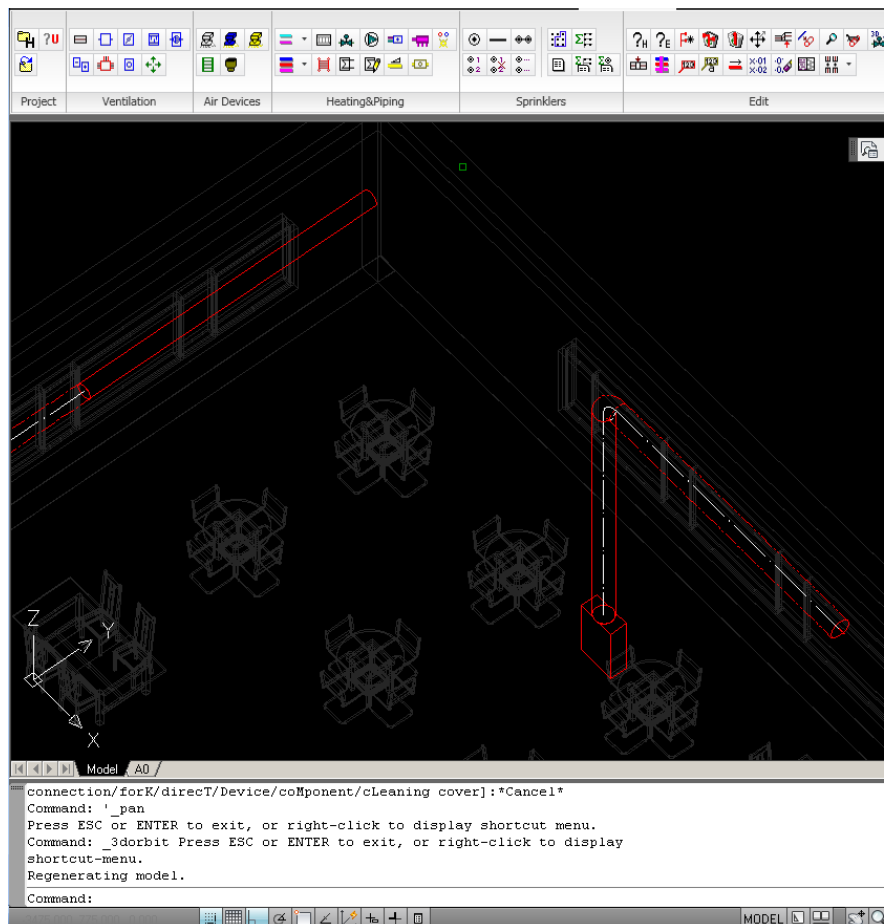
2. Calculate the nozzle duct / displacement diffuser either by adding custom values in the appropriate fields or by selecting a standard duct from the drop down box.
Press the Calculate button  to update technical data.
3. When you are satisfied with your product press the Export button and return to MagiCAD
4. Input the user code and press “Import”.



5. Show the position for the device and select the MagiCAD-system.
Note! You can add more similar devices. After your have added all, please press ESC.



6. Continue with MagiCAD e.g. draw the duct and connect it to the device.



MagiCAD properties window shows details for the added device

Property	Value
Part type	Supply air device
System	S1 "Supply 1"
Storey	3 "Floor 3"
Top level of device	H = 2725
Connection height	H = 2600
Bottom level of device	H = 2475
Product	89 "DKU.250.50.4.1"
Manufacturer	Repus
Connection size	250
Flow	27.8 l/s
Room info	337 Dining Room
Status	Not defined

FLOW

Qv [l/s]:

Qv [m3/h]:

Lock dp

dp [Pa]:

LABELS

Description:

UseVar 1:

UseVar 2:

Object ID:

Ok Properties... Size... Collar Length... Change RI Cancel