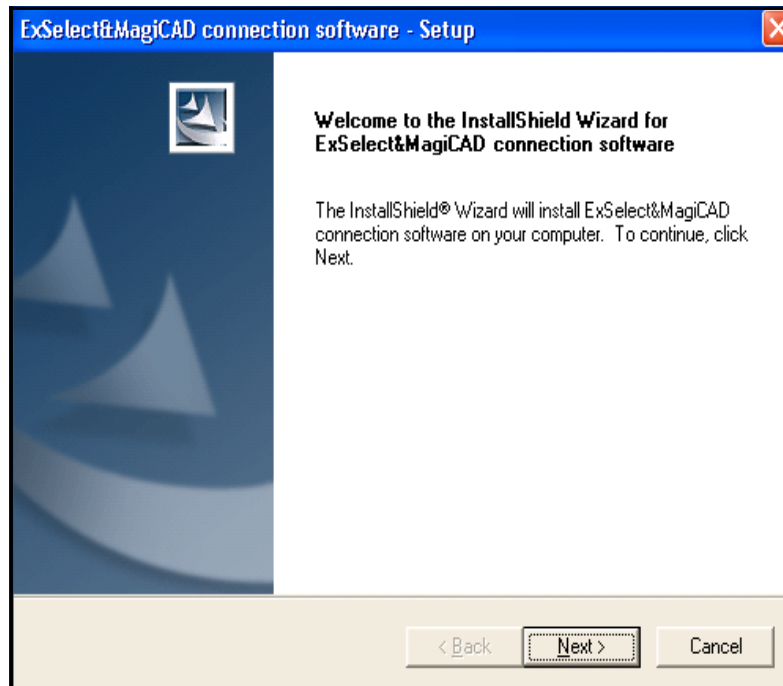




MagiCAD

Installation and use of the EXHAUSTO EXselect plug-in for MagiCAD



1. What is MagiCAD?

Explanation MagiCAD is an AutoCAD-based application, specially designed for the technical design and drawing of building systems. The plug-in allows the EXHAUSTO program tool EXselect and MagiCAD to exchange data with one another.

2. Before installing MagiCAD

Conditions The user must:

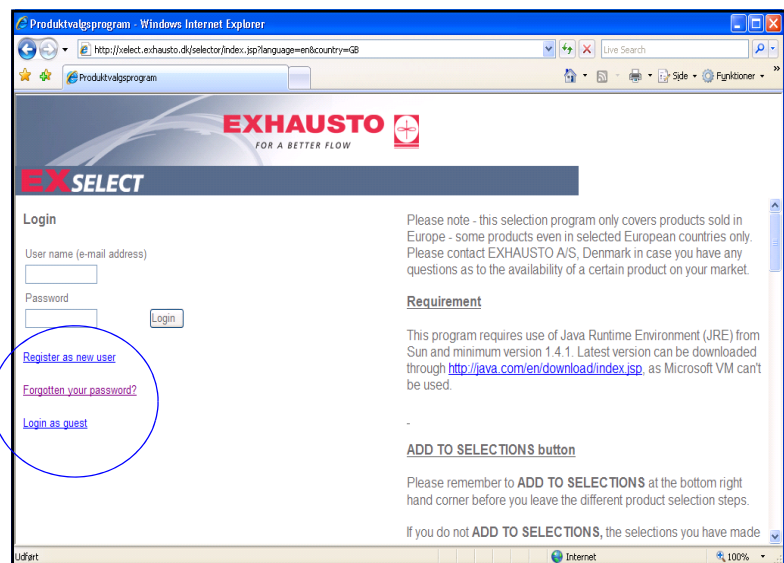
- have installed MagiCAD in one of the following versions
- - version 2007.11
- - version 2009.5 or later (32 bits)
- - version 2009.11 or later (64 bits)
- be registered as an EXselect user to be able to install and use this plug-in.

Registered EXselect users can go directly to section 3 on page 3.

Registration On the EXHAUSTO website click on:

- DE: "PRODUKTAUSWAHL" (box on the front page, far right)
- GB: "CALCULATION PROGRAM" (box on the front page, far right)
- Click on EXselect

The following screen layout is shown:



Click on:

- DE: "Als neuen Benutzer Registrieren"
- GB: "Register as new user"
- Complete the registration fields
- Click on login

You are now registered as a user.

Your EXselect password must be given when installing.

3. Installation and use of the EXHAUSTO EXselect plug-in for MagiCAD

- Two steps:**
1. Installation of plug-in -section 3.1
 2. Installation of the EXselect menu in MagiCAD - section 3.2

Locate installation file Locate the installation file that corresponds to the version of MagiCAD installed

- on the EXHAUSTO website at www.exhausto.dk/freewaretools, or
- by entering the address (see table below)

Save the installation file Save the installation file by:

- Clicking the relevant link at www.exhausto.dk/freewaretools
- Click on save

The installation file address The installation file address is given in the table below:

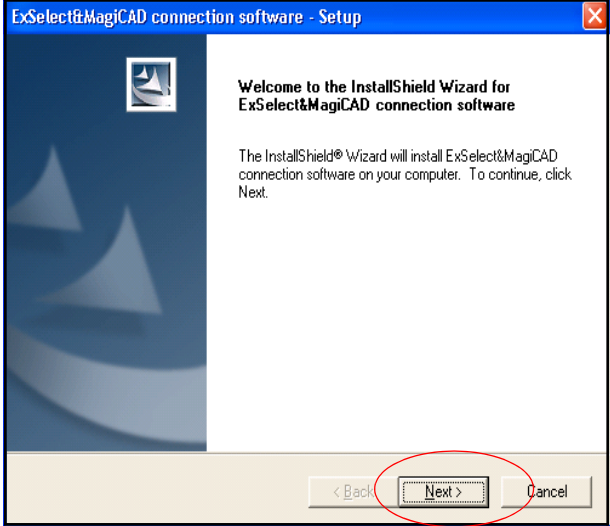
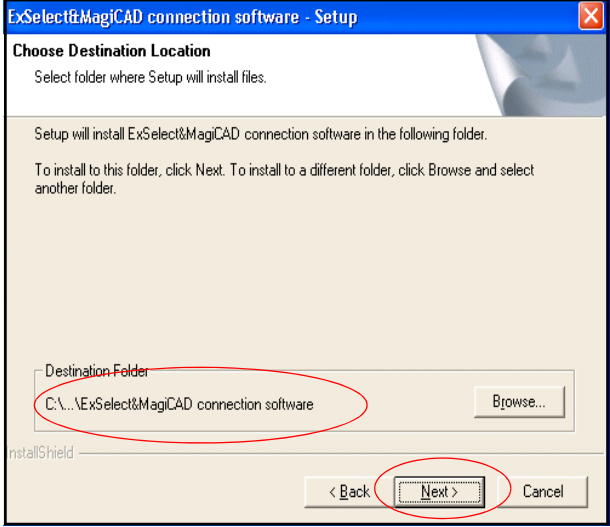
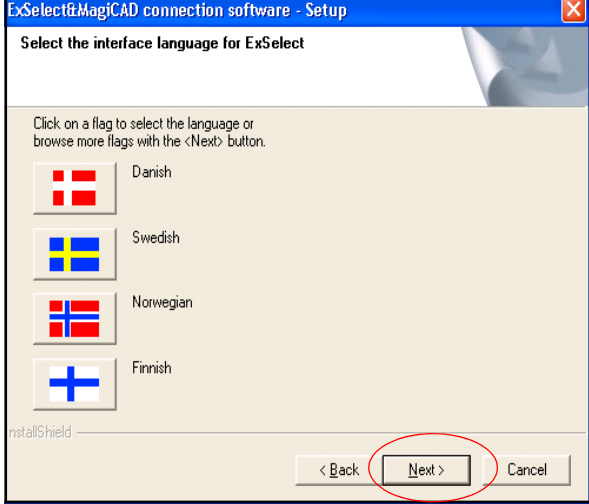
If the MagicCAD version is	address
2006.11 til 2008.11 (32 bit)	http://xselect.exhausto.dk/selector/ ExSelect_MC_Connection.exe
2009.5 - version 2009.11 (32 bit)	http://xselect.exhausto.dk/selector/ ExSelect%20MagiCAD%20Connection%202010.1.1 %2032-bit.msi
2009.11 (64 bit)	http://xselect.exhausto.dk/selector/ ExSelect%20MagiCAD%20Connection%202010.1.1 %2064-bit.msi

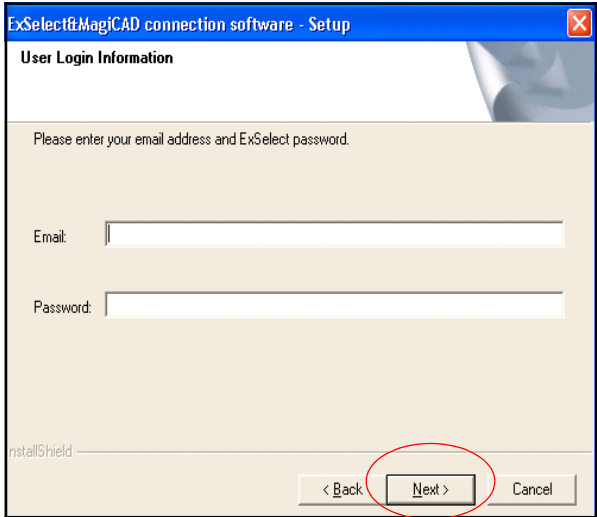
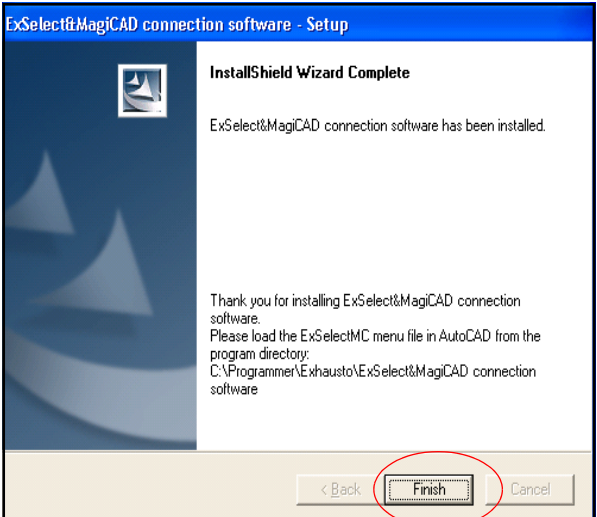
3.1 Installation off EXHAUSTO EXselect plug-in:

If the MagicCAD version is	section	
2006.11 til 2008.11 (32 bit)	3.1.1	shows how you install the EXselect plugin
2009.5 - 2009.11 (32 bit)	3.1.2	
2009.11 (64 bit)	3.1.2	

3.1.1 MagiCAD version 2006.11 to 2008.11

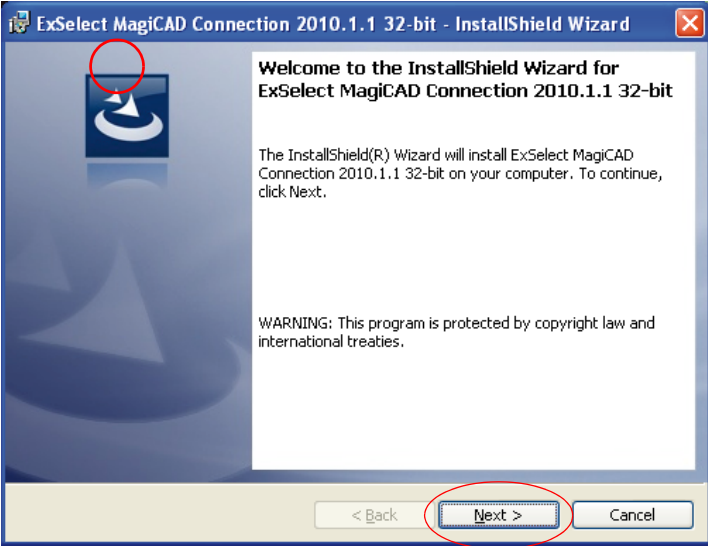
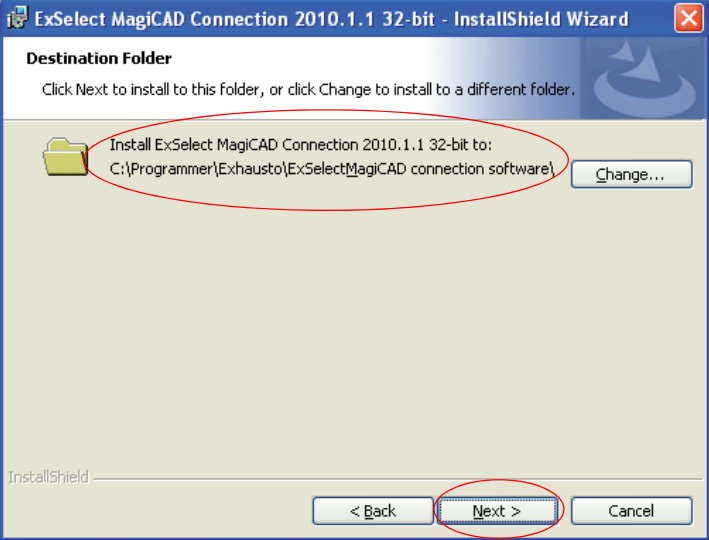
How to install the EXHAUSTO EXselect plugin when the MagiCAD version is 2006.11 – 2008.11:

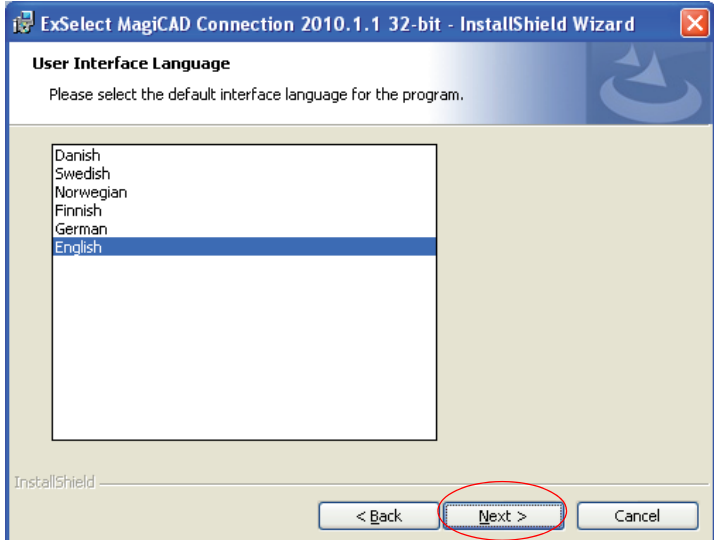
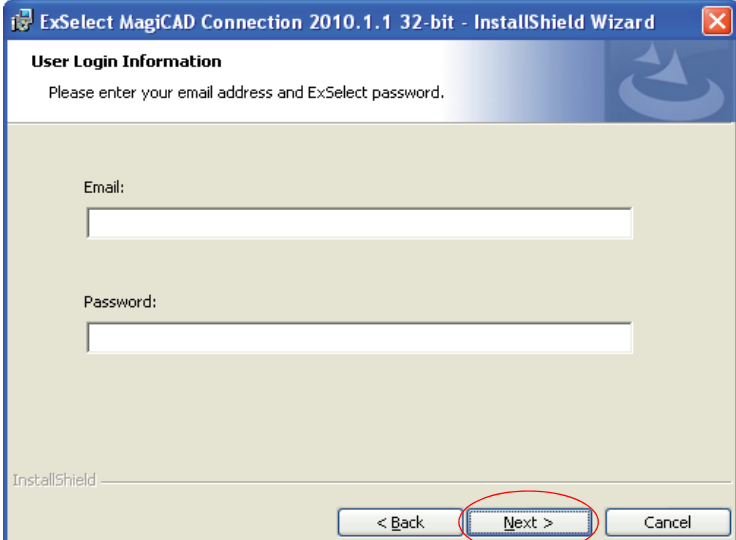
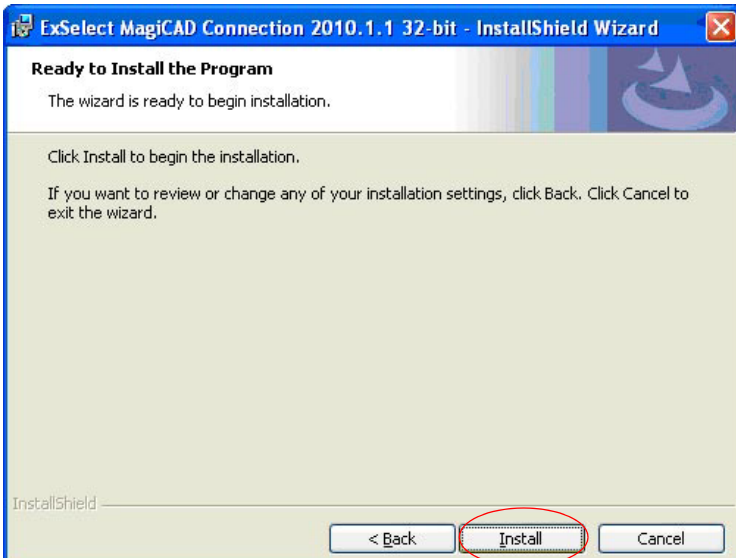
Like that ...	Screen
<p>Click on "Next".</p>	
<p>Choose the installation folder (Destination folder):</p> <p>Recommended: use the folder suggested by the installation program.</p> <p>Save location address (e.g. in Notepad): it will be used in section 3.2.</p> <p>Click on "Next".</p>	
<p>Select language: click on a flag English and German are on the next page (Click on "Next").</p>	

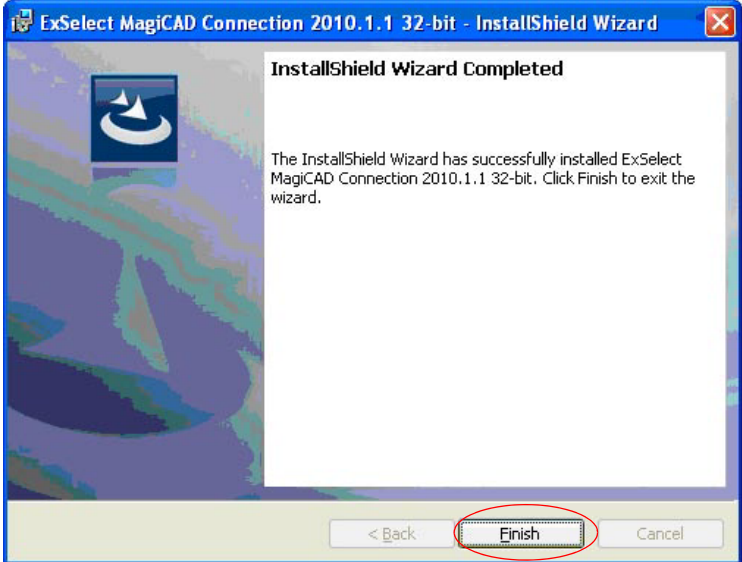
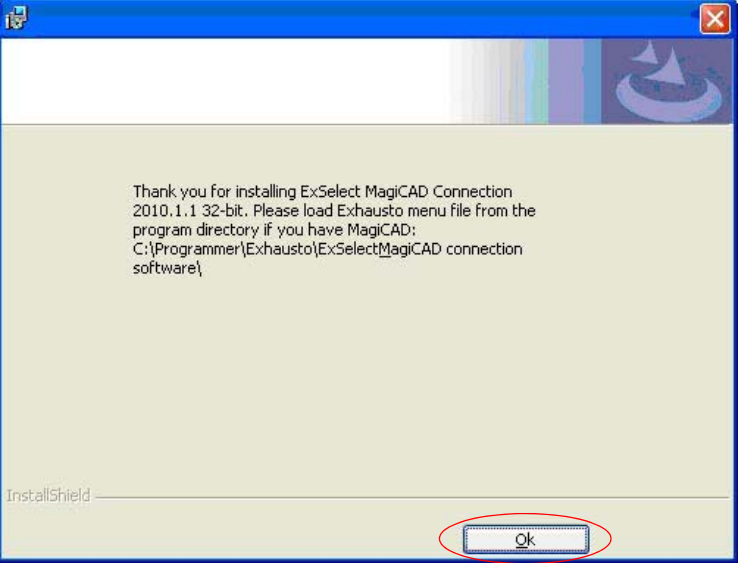
Like that ...	Screen
<p>Complete the registration fields</p> <p>Password must be the same as the password that was created for EXselect.</p> <p>If the password is entered incorrectly, the installation will have to be recommenced.</p>	
<p>Plug-in installed.</p> <p>Click on "Finish".</p>	

3.1.2 MagiCAD version 2009.5 or 2009.11

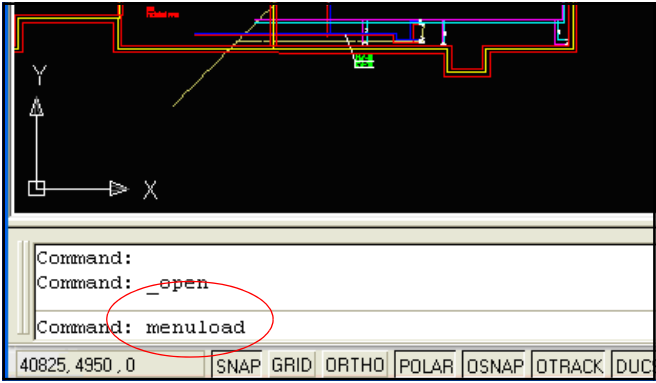
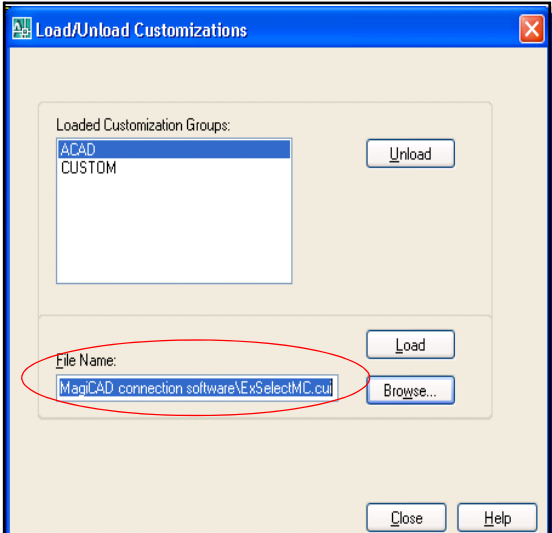
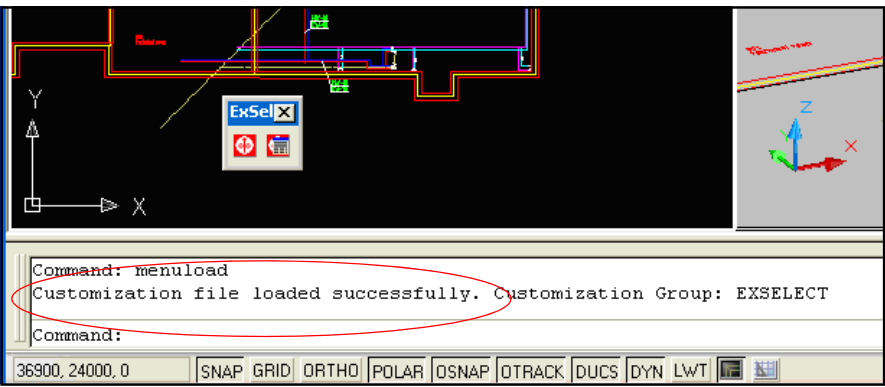
How to install the EXHAUSTO EXselect plugin when the MagiCAD version is 2009.5 or 2009.11:

Like that...	Screen
<p>Click on "Next".</p>	
<p>Choose the installation folder (Destination folder):</p> <p>Recommended: use the folder suggested by the installation program.</p> <p>Save location address (e.g. in Notepad): it will be used in section 3.2.</p> <p>Click on "Next".</p>	

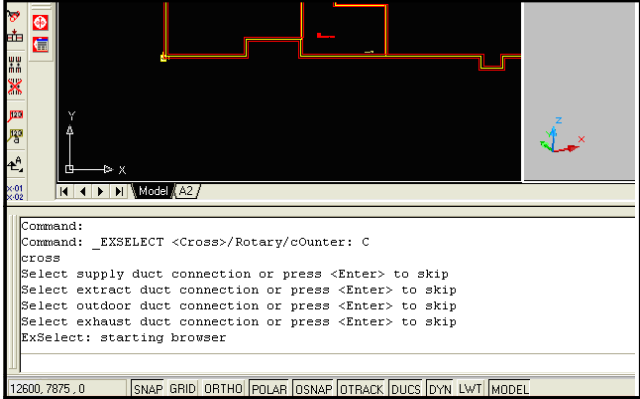
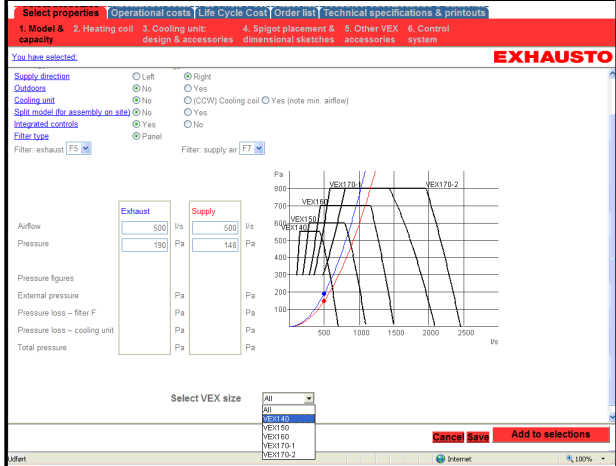
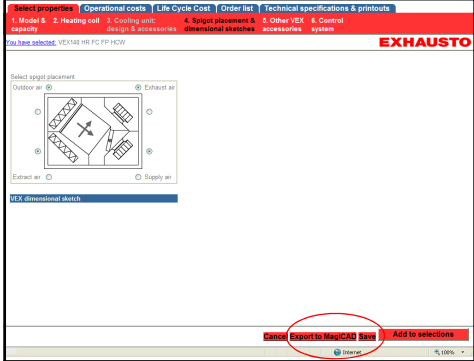
Like that...	Screen
<p>Select language - click on default language for the program</p> <p>Click on "Next".</p>	
<p>Complete the registration fields</p> <p>Password must be the same as the password that was created for EXselect.</p> <p>If the password is entered incorrectly, the installation will have to be recommenced.</p>	
<p>Click "Install" to begin installation</p>	

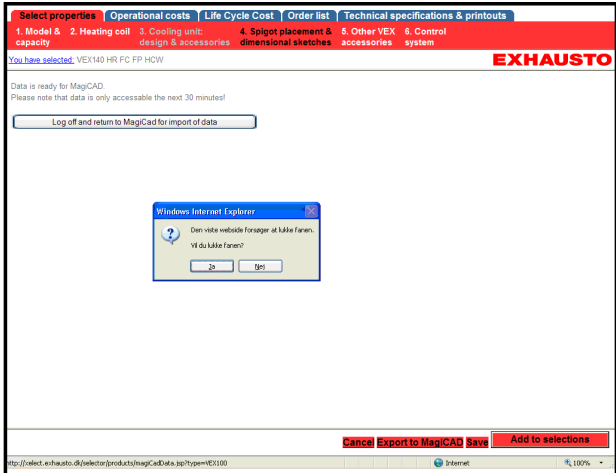
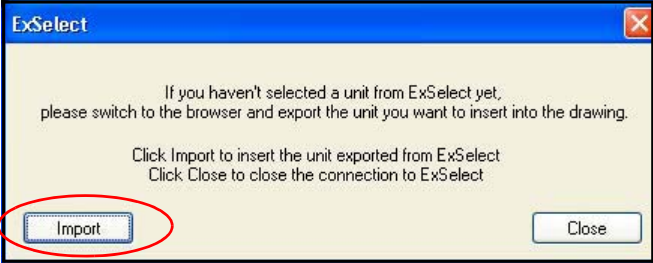
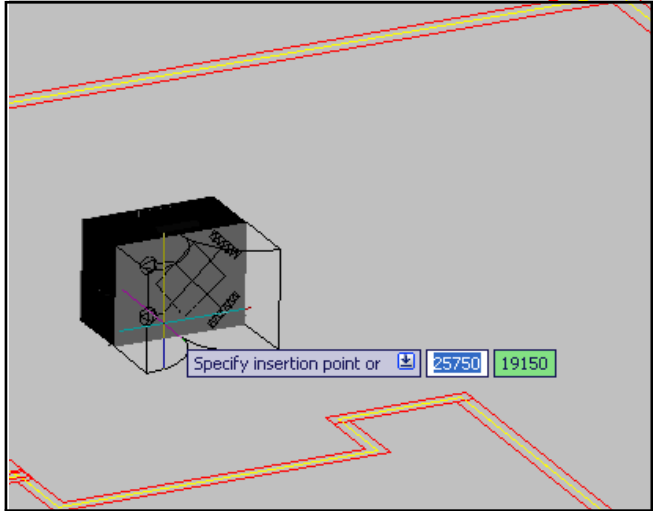
Like that...	Screen
<p>Plug-in installed.</p> <p>Click on "Finish".</p>	
<p>Finish display</p> <p>The program file's addresses are repeated here.</p> <p>Click on "Ok"</p>	

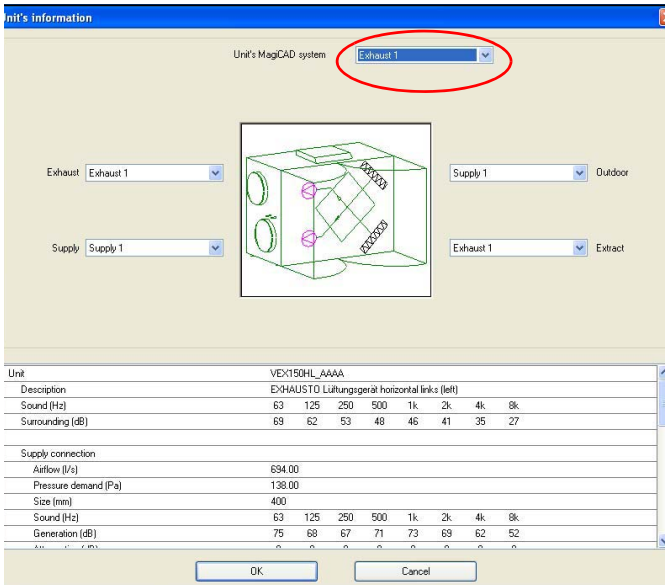
3.2 Installation of the EXselect menu in MagiCAD

Like that ...	Screen
<p>Start MagiCAD</p> <ul style="list-style-type: none"> • Open a drawing. • “menuload” is written in the Command window – as shown on the screen. 	
<ul style="list-style-type: none"> • Browse and find the file: “EXselectMC.cui”. The file is in the same folder as the installation file (see section 3.1). • Click on “Load” to load the file. 	
<p>The EXselect module is now installed</p>	
	

4. Installation and use of the EXHAUSTO EXselect plug-in for MagiCAD

<p>Like that ...</p> <p>The program is started by clicking on the EXHAUSTO logo.</p> <p>Select:</p> <ul style="list-style-type: none"> Type of heat exchanger <ul style="list-style-type: none"> Cross (VEX100 cross-flow heat exchanger) Rotary (VEX200 rotary heat exchanger) Counter (VEX300 counter flow heat exchanger) Duct positioning <ul style="list-style-type: none"> supply extract outdoor exhaust 	<p>Screen</p> 
<p>Internet browser opens and data is transferred to EXselect.</p>	
<p>Check spigot positioning (the program remembers the previous choice used).</p> <p>When a product has been selected, calculations can be carried out by clicking on the “Eksport to MagiCAD” button, which appears once the product has been selected.</p> <p>The data is processed for MagiCAD.</p>	

Like that ...	Screen
<p>NB:</p> <ul style="list-style-type: none"> • When the file is exported, a temporary file is created on the server. • The file must be used within 30 minutes, otherwise it is automatically deleted. • Log off when the calculations are complete. 	
<p>Return to MagiCAD and click on import.</p>	
<p>Place the unit on the drawing.</p>	

Like that ...	Screen																																																																																										
<p>The drawing is now imported:</p> <ul style="list-style-type: none"> • If necessary, the duct connections can be changed. • State which system the unit is assigned to (select from the drop-down menu). 	 <p>Unit's information</p> <p>Unit's MagCAD system: Exhaust 1</p> <p>Exhaust: Exhaust 1</p> <p>Supply: Supply 1</p> <p>Supply 1: Outdoor</p> <p>Exhaust 1: Extract</p> <table border="1"> <thead> <tr> <th>Unit</th> <th colspan="8">VE:150HL_4AAA</th> </tr> </thead> <tbody> <tr> <td>Description</td> <td colspan="8">EXHAUSTO Lüftungsgerät horizontal links (left)</td> </tr> <tr> <td>Sound [Hz]</td> <td>63</td> <td>125</td> <td>250</td> <td>500</td> <td>1k</td> <td>2k</td> <td>4k</td> <td>8k</td> </tr> <tr> <td>Surrounding [dB]</td> <td>69</td> <td>62</td> <td>53</td> <td>48</td> <td>46</td> <td>41</td> <td>35</td> <td>27</td> </tr> <tr> <td colspan="9">Supply connection</td> </tr> <tr> <td>Airflow [l/s]</td> <td colspan="8">694.00</td> </tr> <tr> <td>Pressure demand [Pa]</td> <td colspan="8">138.00</td> </tr> <tr> <td>Size [mm]</td> <td colspan="8">400</td> </tr> <tr> <td>Sound [Hz]</td> <td>63</td> <td>125</td> <td>250</td> <td>500</td> <td>1k</td> <td>2k</td> <td>4k</td> <td>8k</td> </tr> <tr> <td>Generation [dB]</td> <td>75</td> <td>68</td> <td>67</td> <td>71</td> <td>73</td> <td>69</td> <td>62</td> <td>52</td> </tr> </tbody> </table> <p>Buttons: OK, Cancel</p>	Unit	VE:150HL_4AAA								Description	EXHAUSTO Lüftungsgerät horizontal links (left)								Sound [Hz]	63	125	250	500	1k	2k	4k	8k	Surrounding [dB]	69	62	53	48	46	41	35	27	Supply connection									Airflow [l/s]	694.00								Pressure demand [Pa]	138.00								Size [mm]	400								Sound [Hz]	63	125	250	500	1k	2k	4k	8k	Generation [dB]	75	68	67	71	73	69	62	52
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NB: There is no return function. To recalculate start from the very beginning. Go to page 10.