

#### How to use the AL-KO BIM CONVERTER



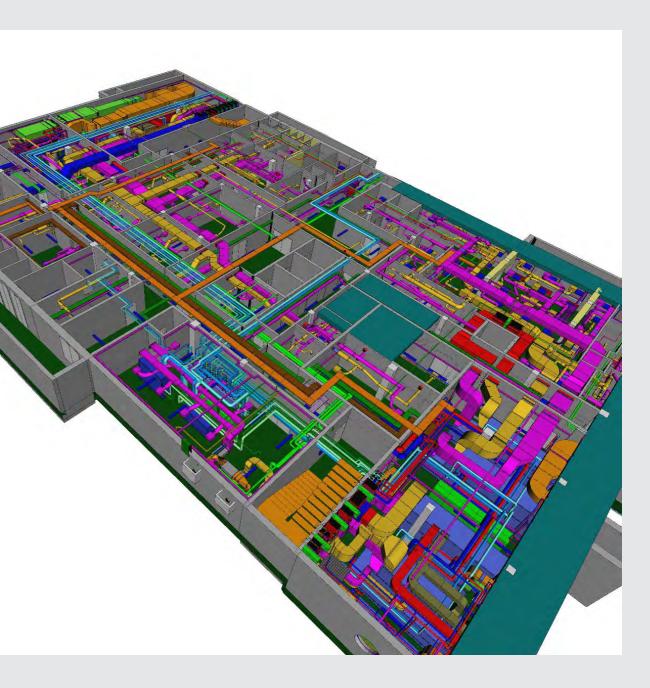
MEMBER OF PRIMEPULSE

#### What does BIM mean?

**BIM** is a term often used today when talking about software for the construction industry. AL-KO meets this challenge by providing digital information on central ventilation units.

**BIM** describes a method of optimised planning, execution and management of buildings using software. All relevant building data is digitally recorded, combined and networked. The building is also geometrically visualized as a virtual building model.





The AL-KO BIM Browser supplies various information and file formats from a previously configured ventilation unit which can be further processed in other programs:

**Documents** Content

Information data sheets, unit drawings, soundemissionen, control sceme, cable list, tender information

Grafic

2-D; 3-D, BIM



#### File format

#### .pdf, GEAB, .rtf

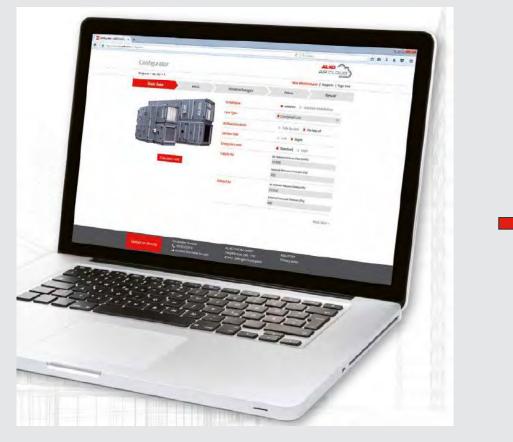
#### .dxf (2-D/3-D), .ifc; .rvt

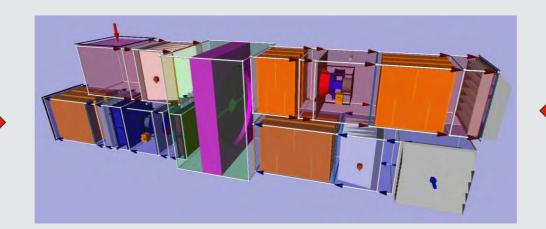


#### Step one:

The ventilation unit is configured via the AL-KO Aircloud or Klim@soft.

#### https://aircloud.al-ko.com/







### KLIM@SOFT



#### **Step two:** Klim@soft

In the menu - *documents* - a data file with all relevant data can be created using the function "*LiNear*" *Export*. This data container contains corresponding graphic files as well as all other device information such as data sheets or tender information. A file **name.linPRzip** is created.

#### Aircloud

For the unit data "*documents*", the file **name.linPRzip** can be requested with the click field "BIM-Revit".

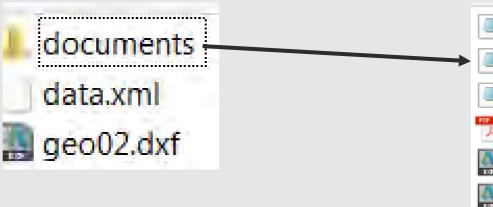
Note: for units that have a control design, the BIM data file can only be generated once the associated schematic documents have been configured. A warning message is generated in the program for this purpose.

All exported documents are created in the selected national language (GB,D, NL, Rus, Fr)





#### File content: name.linPRzip



# The files "data.xml and "geo02.dxf" are used for the following conversion to the BIM Revit format. The remaining files can be read out in the BIM Converter.



GAEB\_DOS.d81
 GAEB\_WIN.d81
 KS\_5000091383\_2.ifc
 KS\_5000091383\_2\_Datenblatt.pdf
 KS\_5000091383\_2\_DXF\_Front.dxf
 KS\_5000091383\_2\_DXF\_Top1.dxf
 KS\_5000091383\_2\_DXF\_Top2.dxf
 KS\_5000091383\_2\_Gerätezeichnungen.pdf
 KS\_5000091383\_2\_Schallemission.pdf
 KS\_5000091383\_2\_Schaltplan.pdf
 KS\_5000091383\_Beschreibung.pdf
 KS\_5000091383\_Beschreibung.rtf.rtf



#### **Step three:**

Download of the AL-KO BIM Converters:

the AL-KO BIM Converter can be for free downloaded at

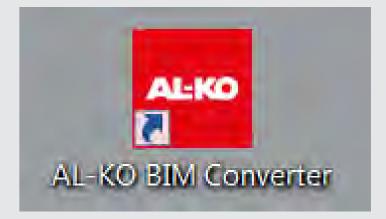
#### www.al-co.com/lufttechnik/xxxxx

and serves to provide the corresponding information, which can be further processed e.g. in Autocad or Revit.

Linear also offers the converter as part of its software maintenance service and thus enables the integration of AL-KO units into your design environment.

After installation, the software can be found under the name AL-KO BIM Converter at the appropriate place on the computer.

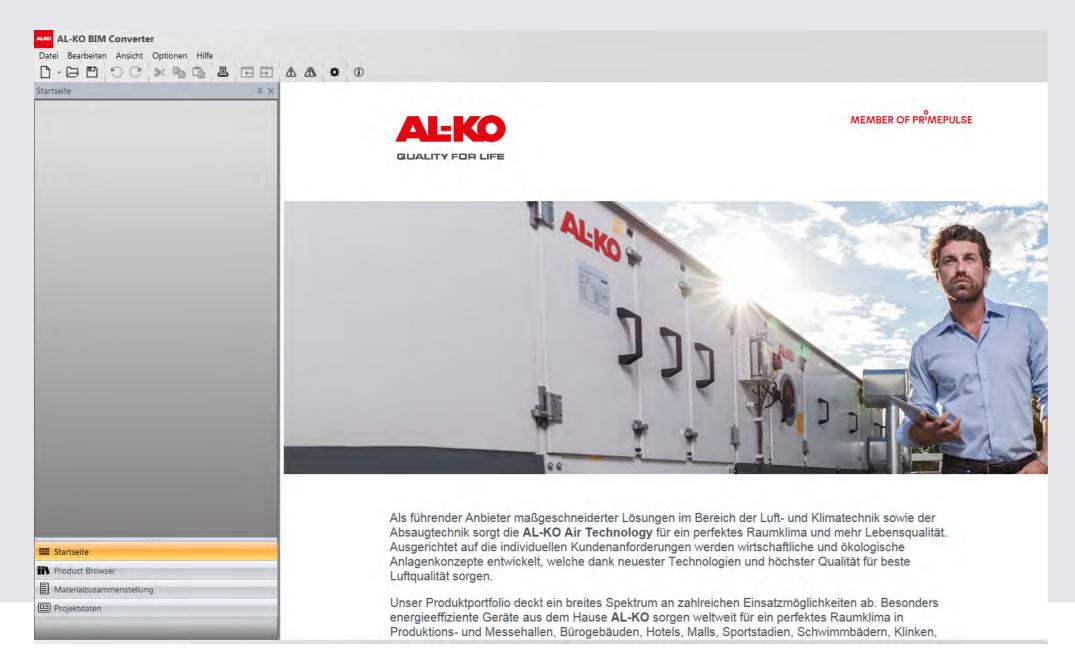




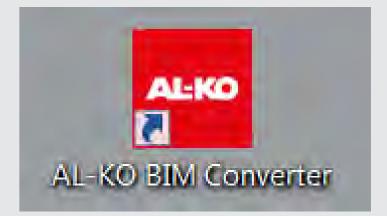


#### **Step four:**

#### The data package name.linPRzip can now be imported via the "AL-KO BIM CONVERTER"



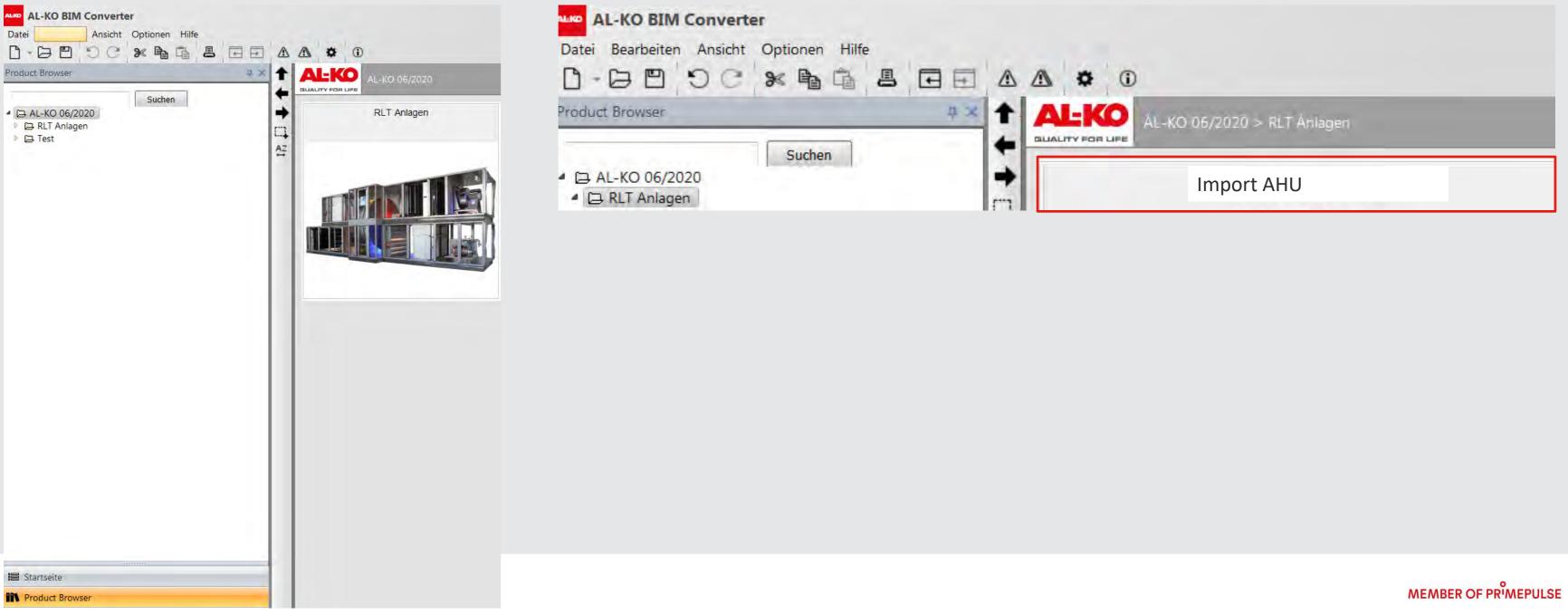




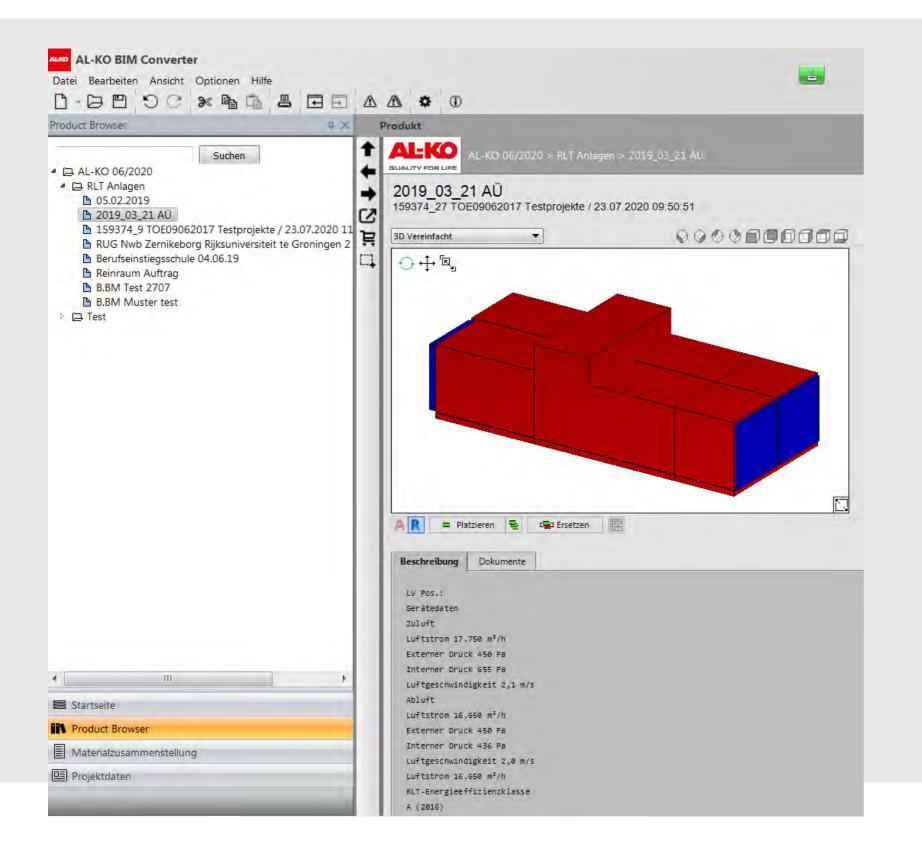


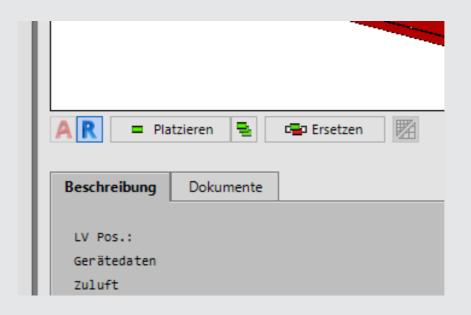
#### Import data file: name.linPRzip

Use the "Import AHU" button to call up the generated data file and import it









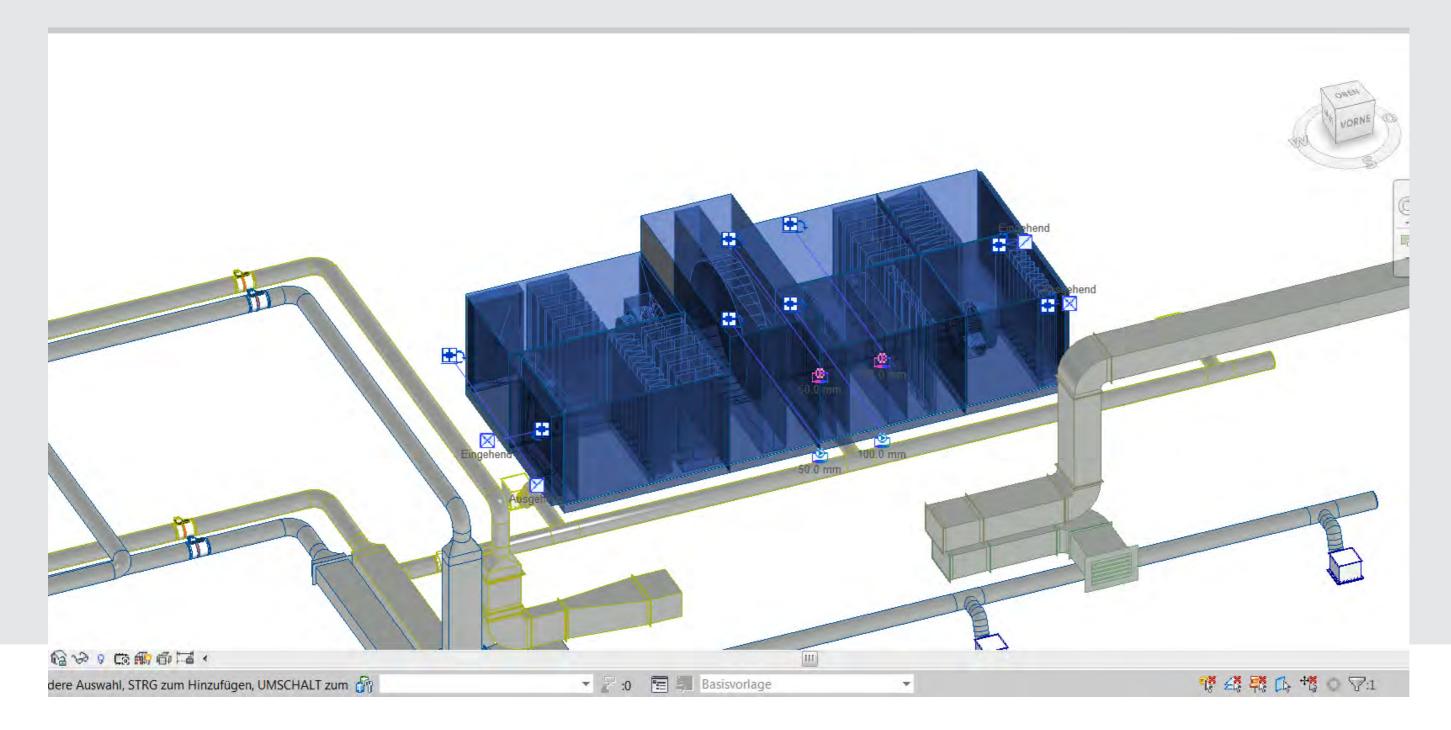
The "place" or "replace" function loads the unit into the previously loaded Autocad or Revit application



#### The imported AHU is displayed as an overview.

#### Place the unit in Revit or Autocad

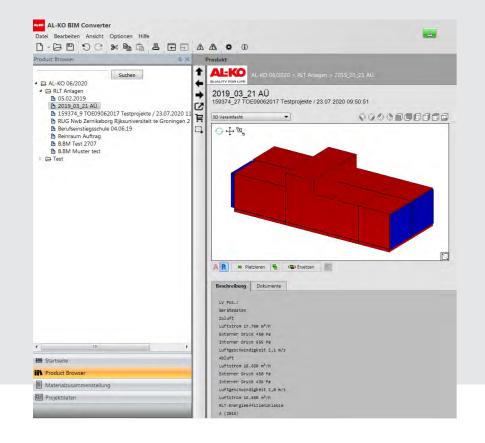
Connection points for ducts and piping for heat exchangers are marked!

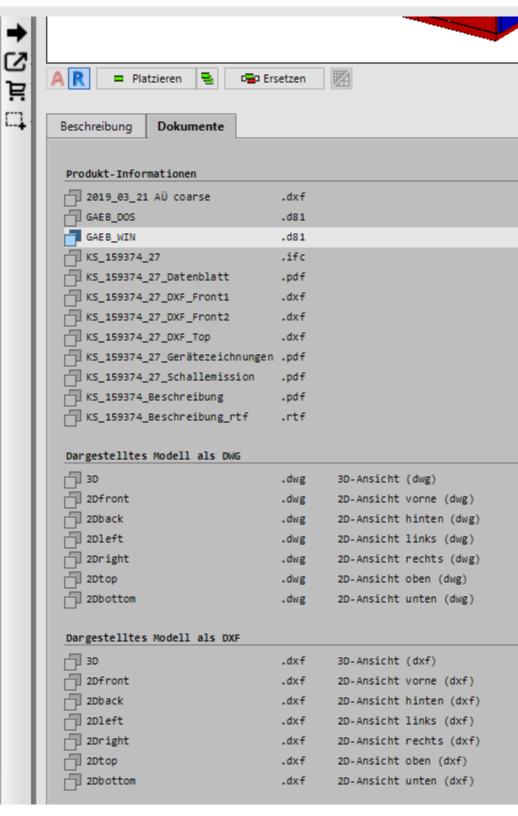






More data files in the BIM Converter can be found for download in the category documents







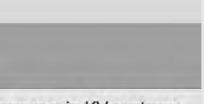
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More products for selection or download in BIM Converter:

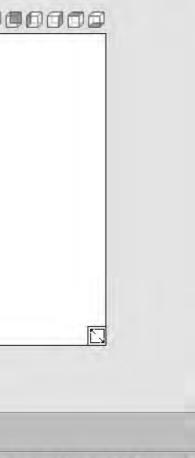
- currently available run around hydraulic stations type Hydroopt M

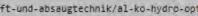
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<ul> <li>AL-KO 11/2020</li> <li>Air handling units</li> <li>test easyair BIM AT4-F 20x8/20x8 - Innenraum</li> <li>test easyair BIM EASYAIR 8x4/8x4 - Innenraum</li> <li>BUG Nwb Zernikeborg Biksupiversiteit te Groning</li> </ul>		Hydraulic units > Hydraulic units > AL-KO HYDRO-OPT M Hydraulic unit for highly efficient heat and cold energy r HYDROOPT M 02			
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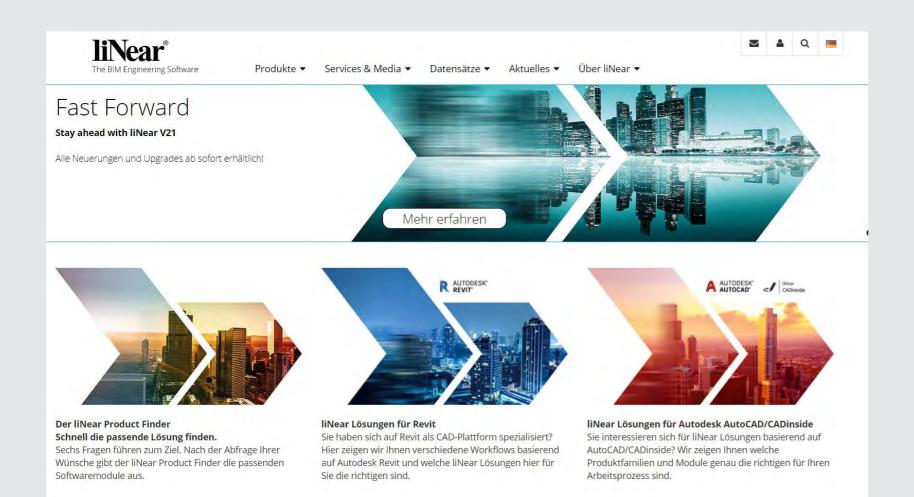


#### covery in KV systems.











AL-KO is also part of the CAD library integrated in the LINEAR TGA planning software

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