MagiCreate – Release notes

progman

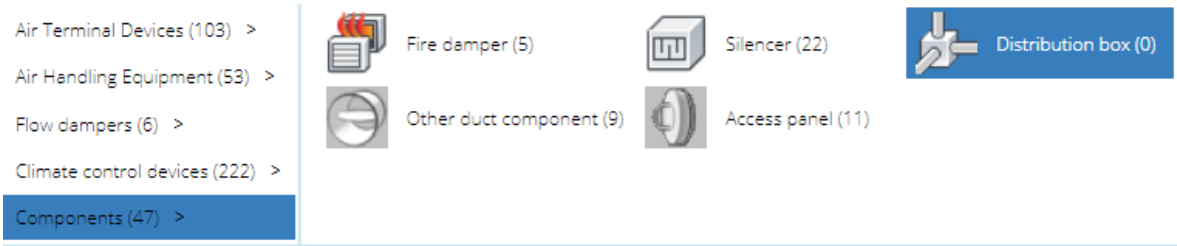
MagiCreate

MagiCreate 2018.10 – Release notes

New features

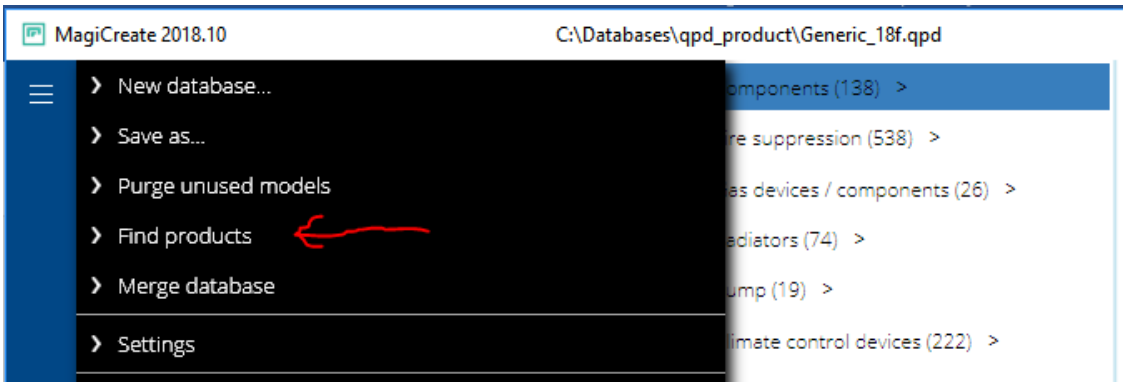
The modelling of Distribution box

The modelling of the Distribution box product type has been added.

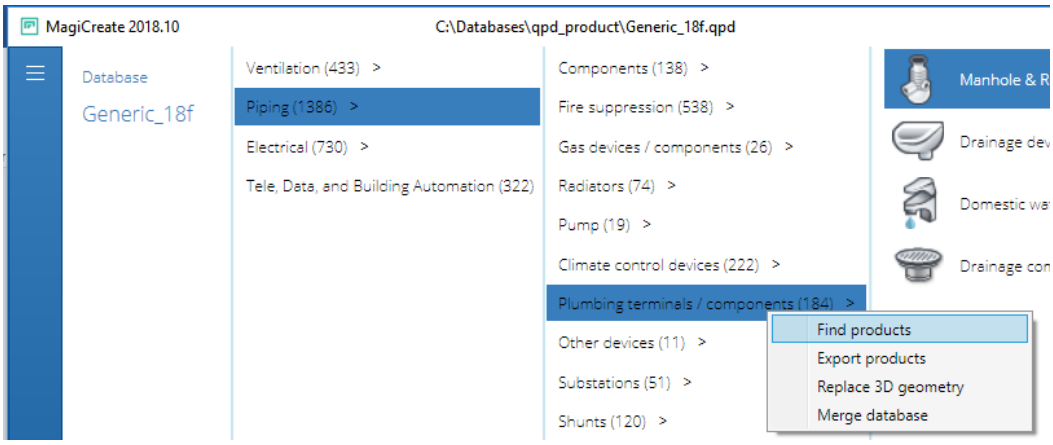


The 'Find product' feature extended

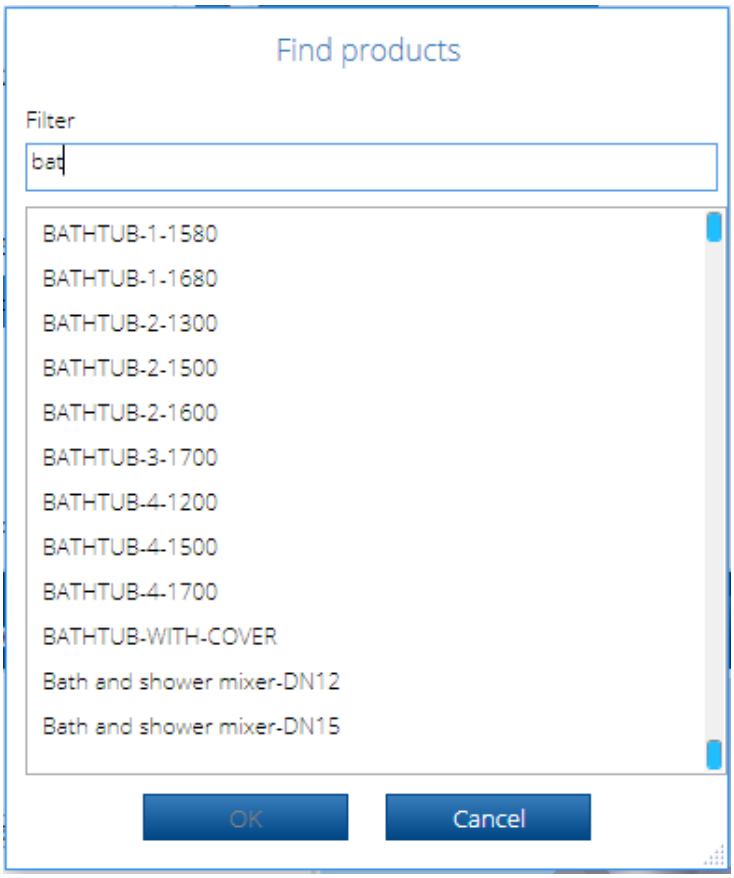
The products can now be found in the whole database, discipline, product category or product type. The **Find products** dialog can be opened from the Main menu:



Or the proudct can be found by selecting Find products in the context menu at the selected level:



All products at the selected level (Discipline, product category or product type) are on the list of the **FindProducts** dialog:

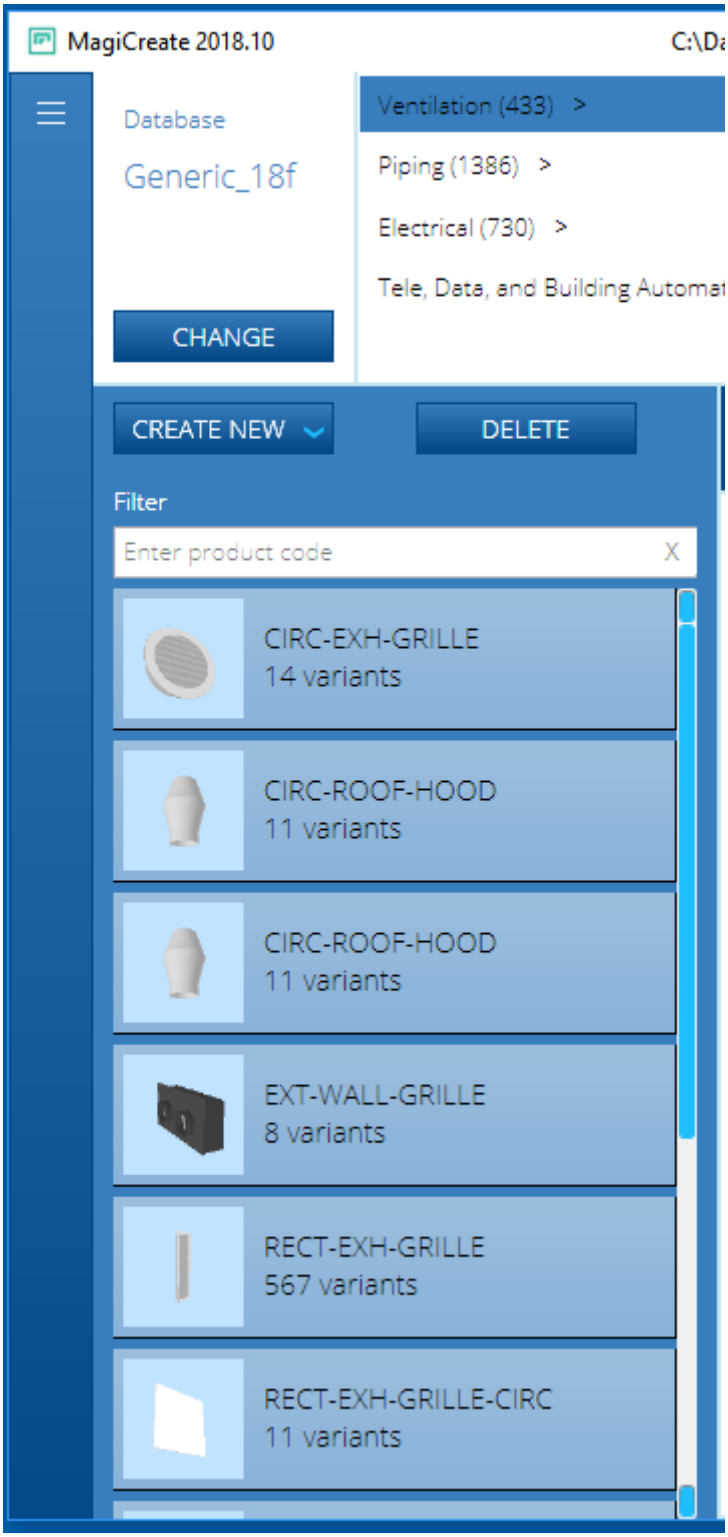


The **Find products** dialog can also be opened simply by pressing **CTRL+F**

MagiCreate
by Progman

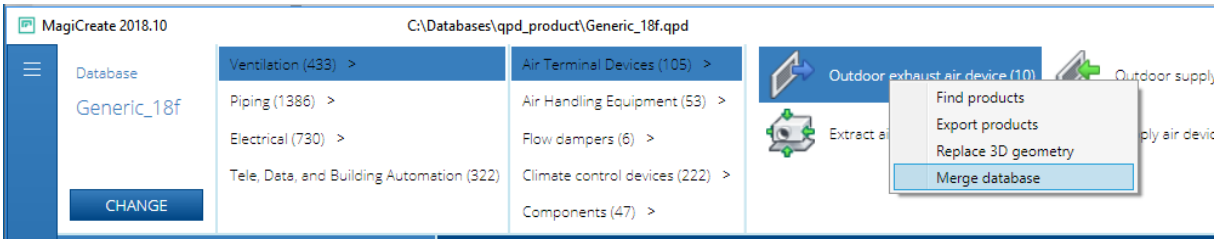
Variant count visible in all products with several variants

The number of variants in the product can be seen on the product list.

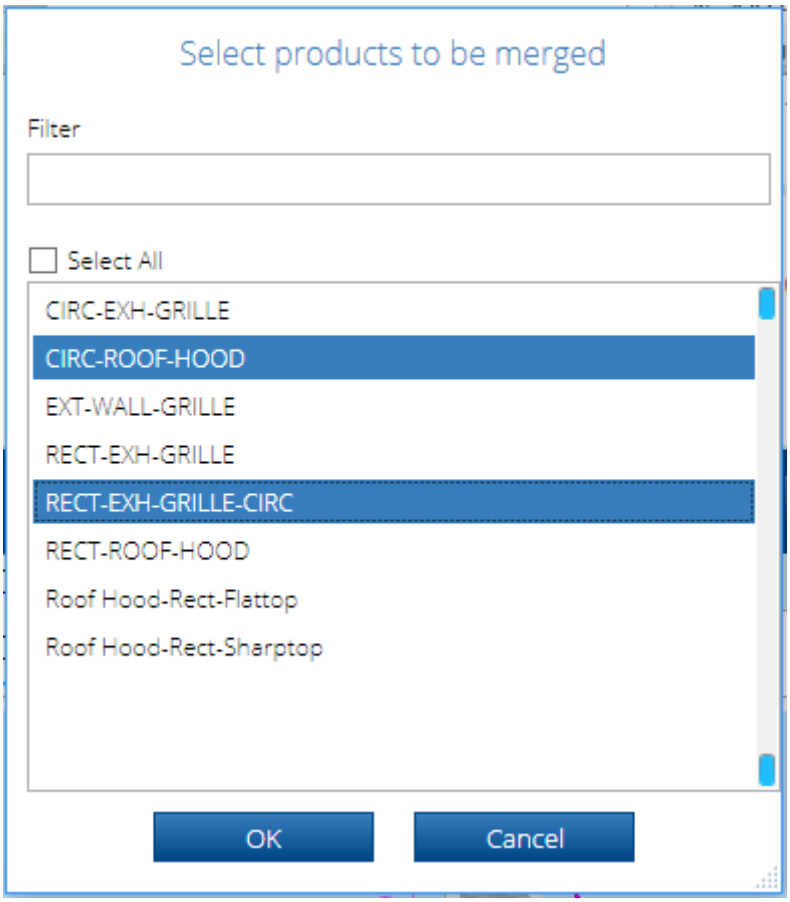


The ‘Merge database’ feature extended

The merge feature can be used for merging also distinct products.

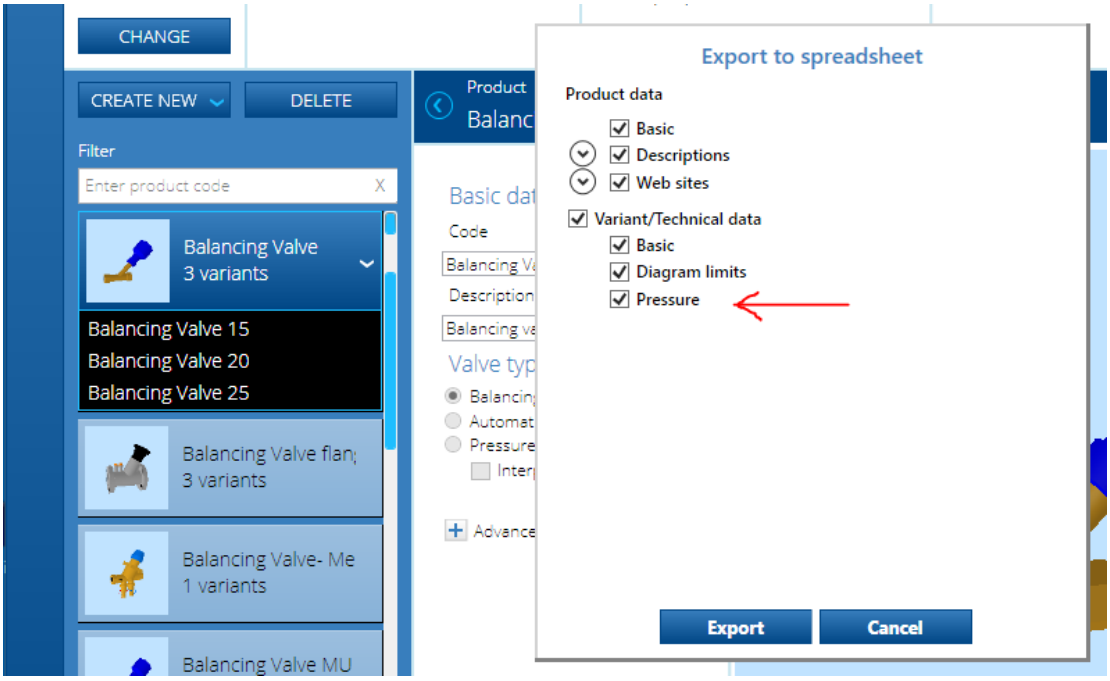


When selecting **Merge database** on the context menu, the selection dialog will open with a whole list of the products at the selected level. All products on the list can be selected, or if needed, only the ones that need to be merged.



The ‘Export products to spreadsheet’ feature extended

Pressure data can be exported now also from the **Zone valve** product type.



New excel sheet columns in the **Balancing valve** type:

Variant/Technical data			
Pressure data with volume control			
Adjustment	Flow	Pressure drop	Kv
2	0.014305	1	0.515
2.5	0.019	1	0.684

New excel sheet in the **Automatic Balancing valve** type:

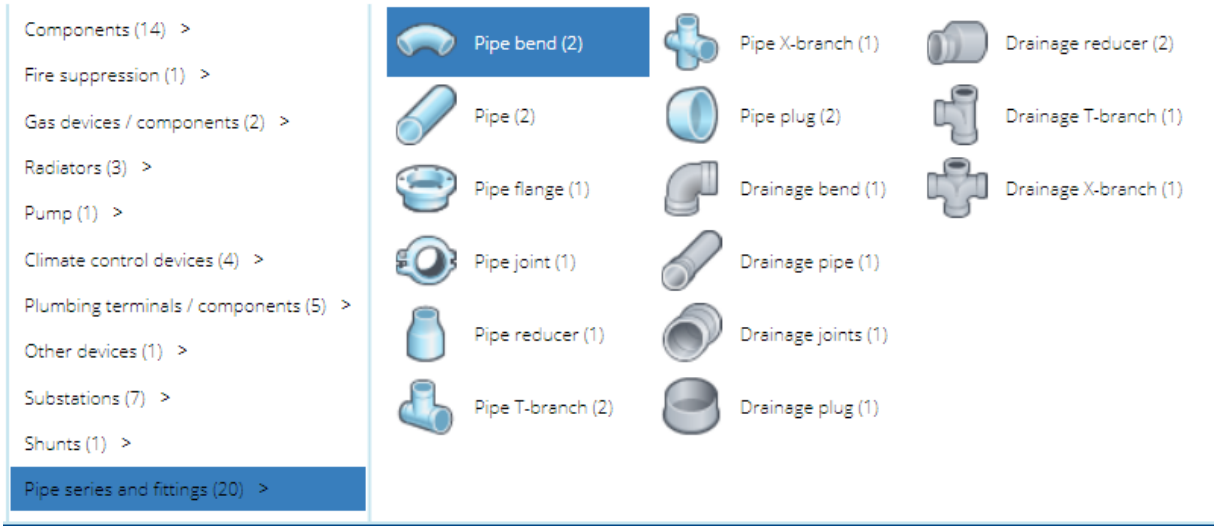
Variant/Technical data				
Kvs values			Differential pressure range	
Flow	Pressure drop	Kv	PressureMin	PressureMax
0.027777	1	1	1	100

MagiCreate 2018.6 – Release notes

New features

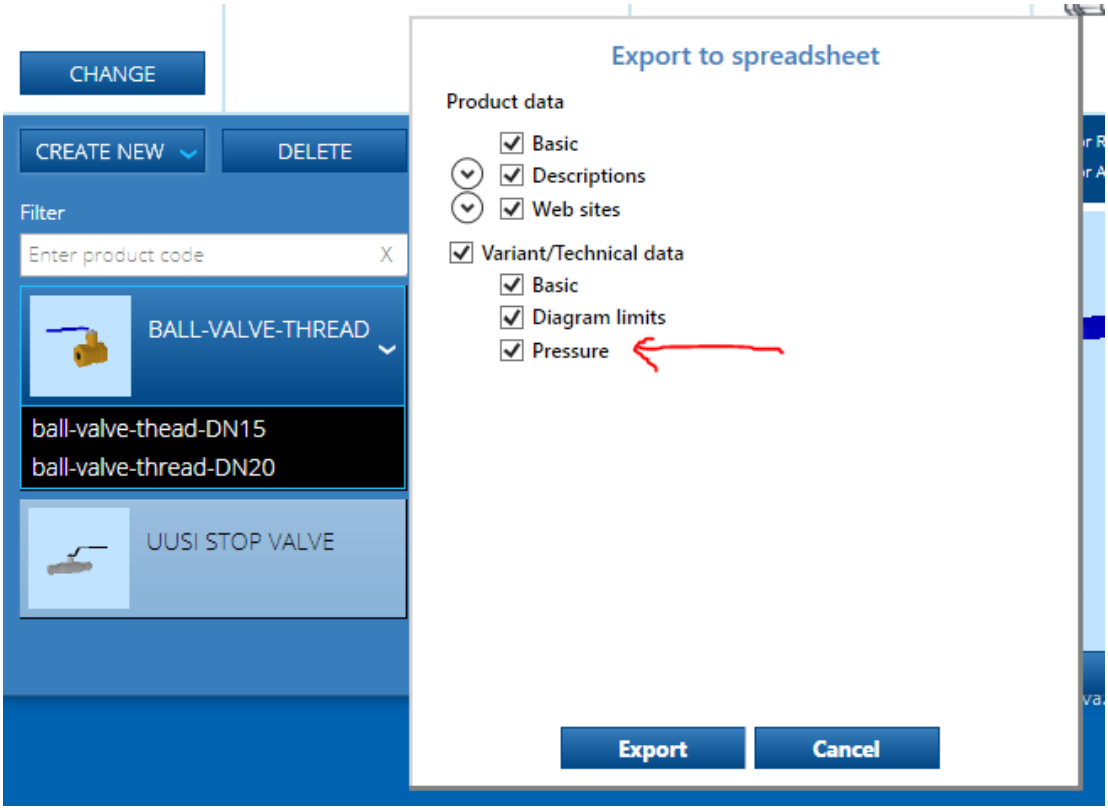
Modelling of Pipe series and fittings

The modelling of Pipe series and fittings product category has been considerably extended in this release. Plenty of pipe fitting product types have been added.



The ‘Export products to spreadsheet’ feature extended

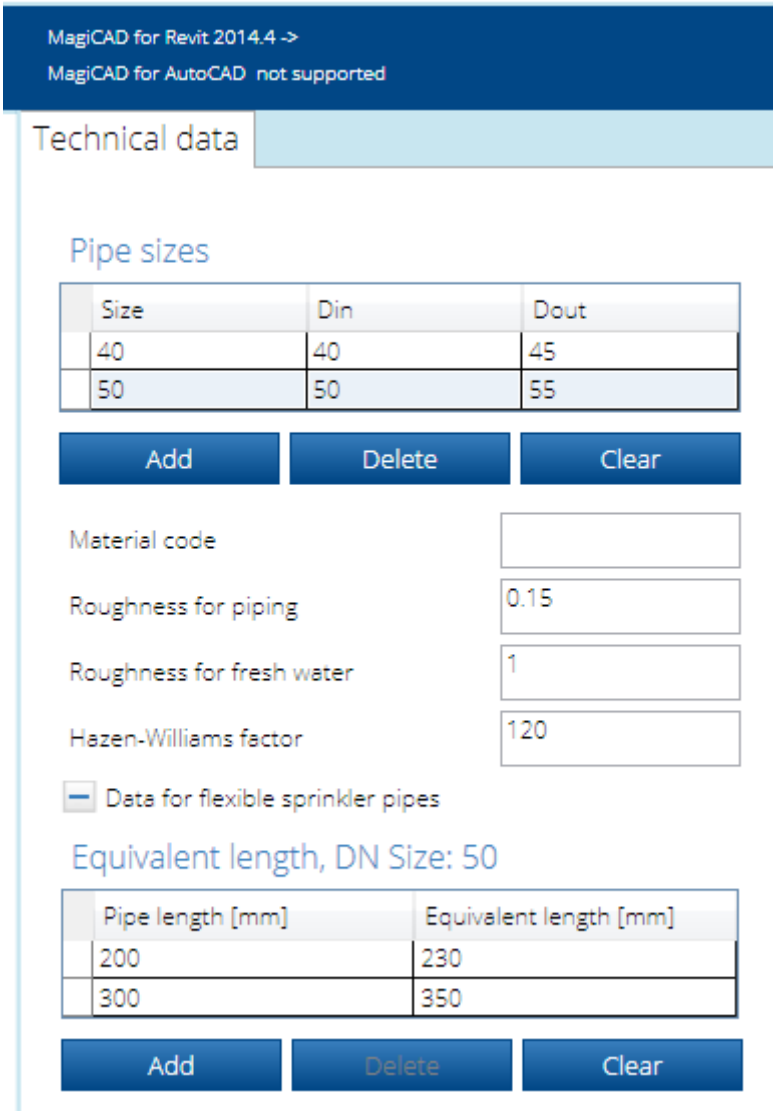
Pressure data including Kv value can be exported from **Other component**, **Other valve** and **Stop valve** product types.



Variant/Technical data							
Manufacturer article number	Diagram limits (heating)				Pressure data without volume control		
	QvMin	QvMax	DpMin	DpMax	Flow	Pressure drop	Kv
	1	6	1	100	0.555555	1	20
	5	20	1	100	1.666667	1	60

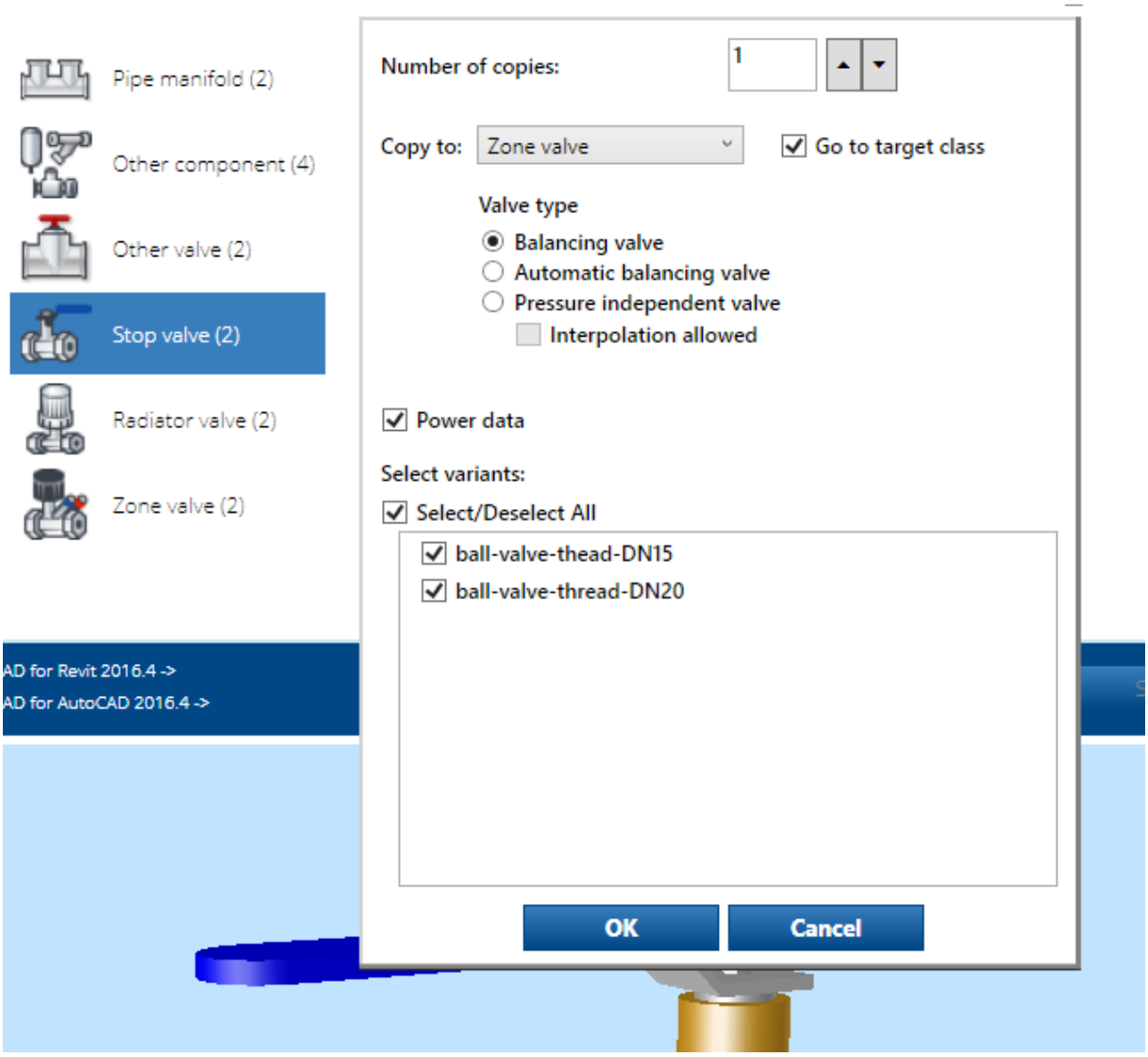
Support for equivalent lengths for sprinkler pipes

Equivalent length values can be added for every pipe size:



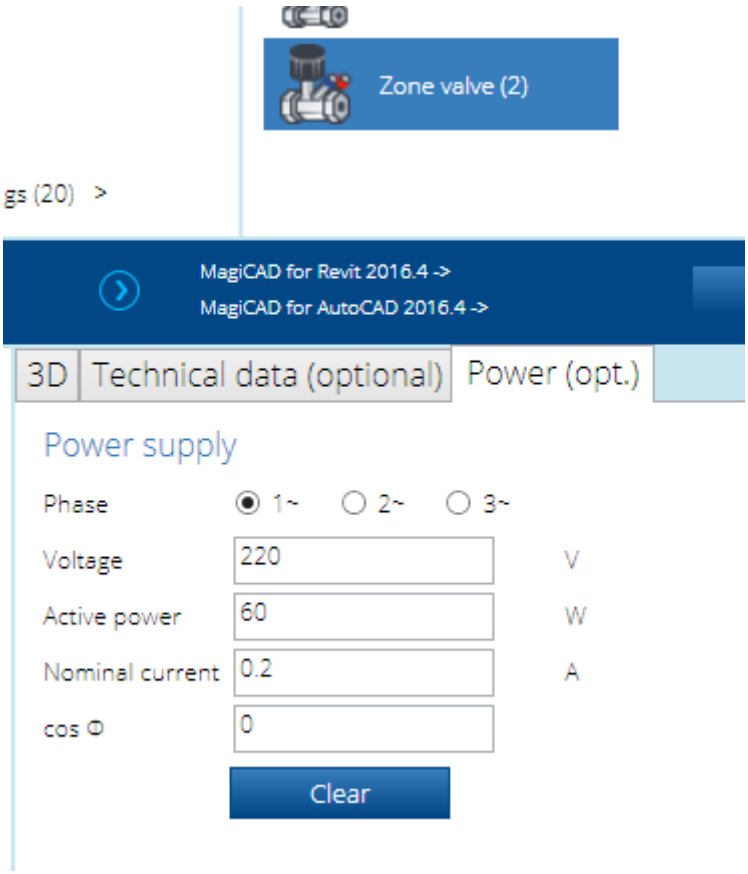
Product copy from one product class to another extended

In **Other component, Other valve**, **Stop valve**, **Radiator valve** and **Zone valve**, it is now possible to copy products from one product class to another. Included variants and Power data can be selected, as well as the target class:



Power tab has been added to several product types

The power tab can be found now also in **Stop valve**, **Radiator valve**, **Zone valve**, **Other valve**, **Domestic Water device**, **Other Component**, **Gas device**, **Gas component**, **Manifold**.

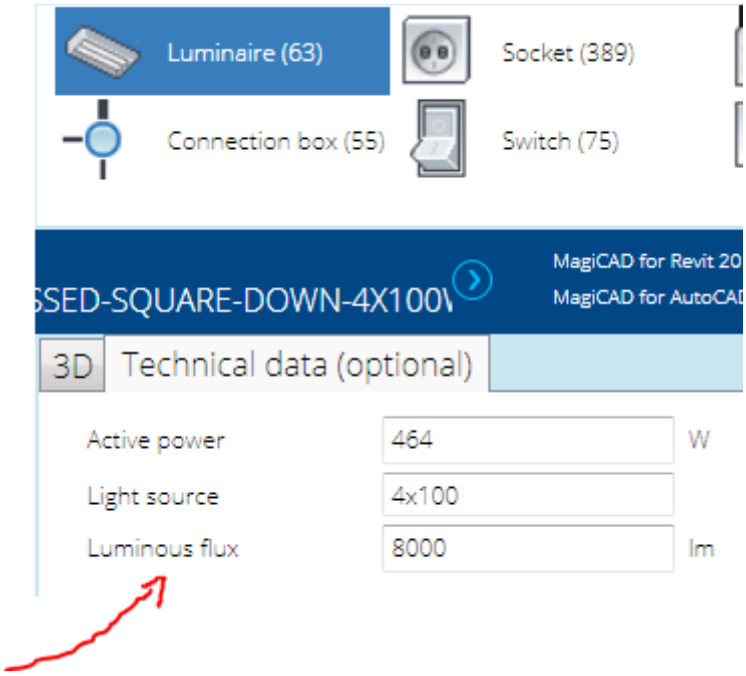


MagiCreate 2018.3 – Release notes

New features

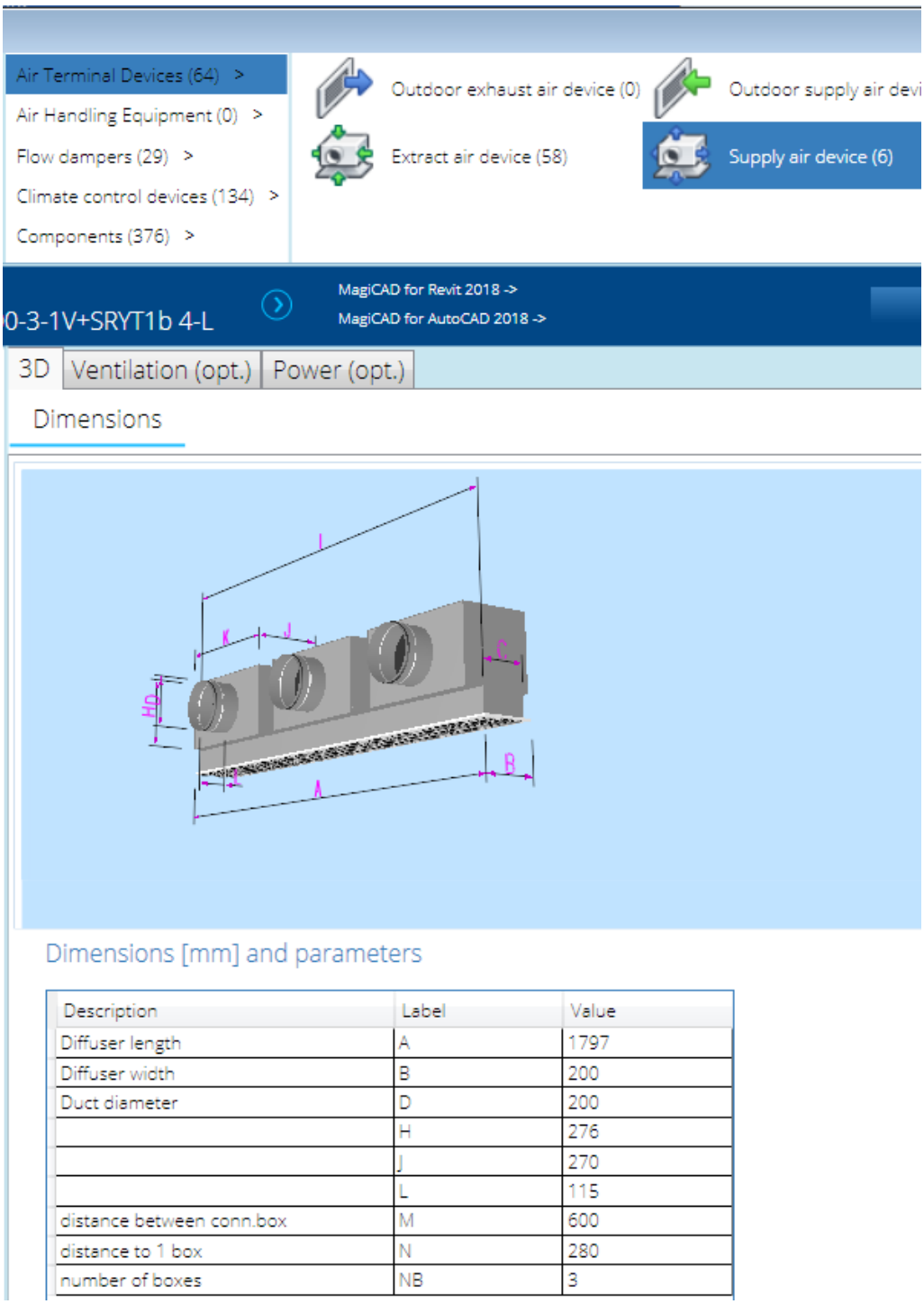
Luminous flux

In this release, **Luminous flux** has been added to the **Luminaire** product type:



Support for Air Terminal Devices with more than 1 duct connections

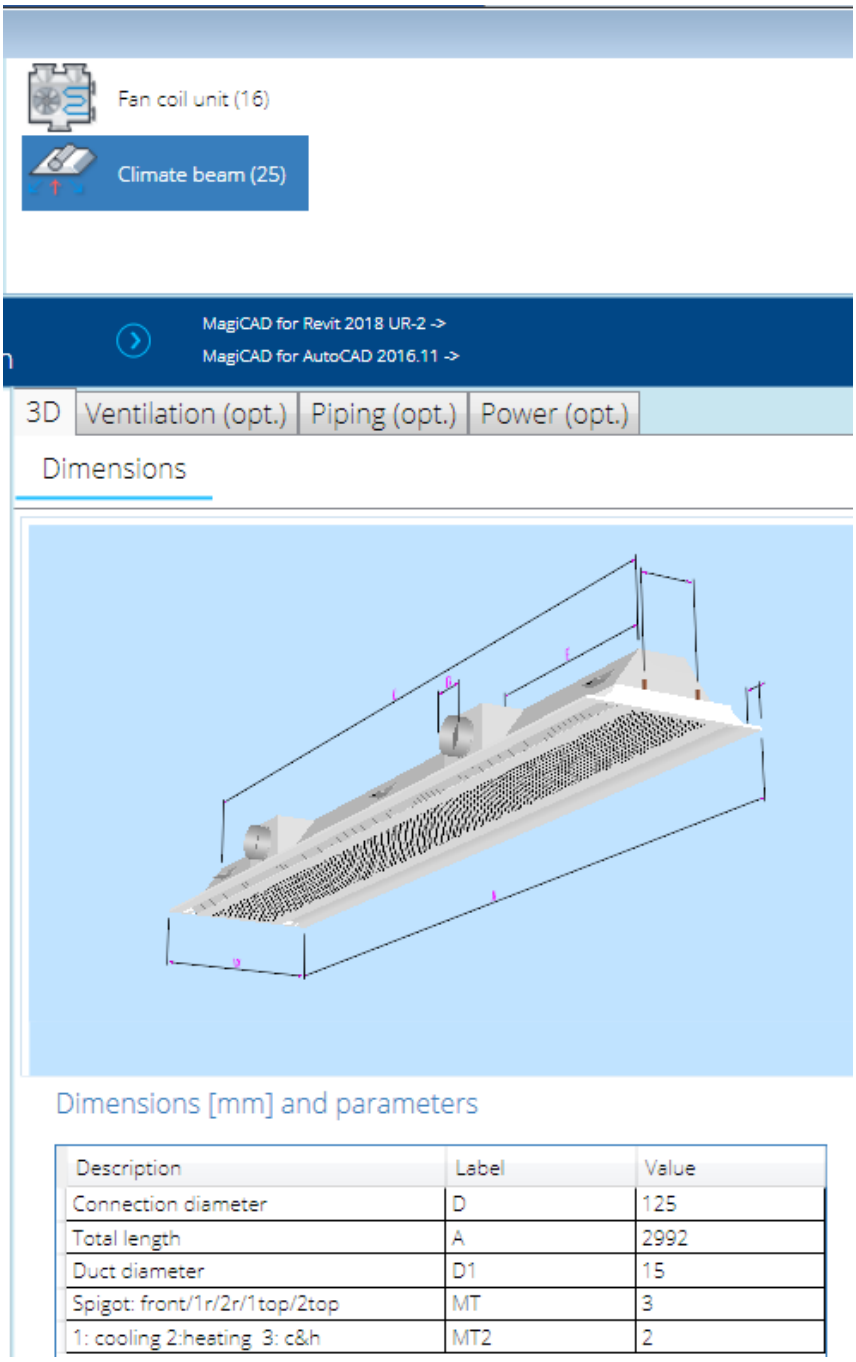
The amount of duct connections can be changed:



Description	Label	Value
Diffuser length	A	1797
Diffuser width	B	200
Duct diameter	D	200
	H	276
	J	270
	L	115
distance between conn.box	M	600
distance to 1 box	N	280
number of boxes	NB	3

Support for Climate beam with more than 1 duct connections

The amount of duct connections can be changed:



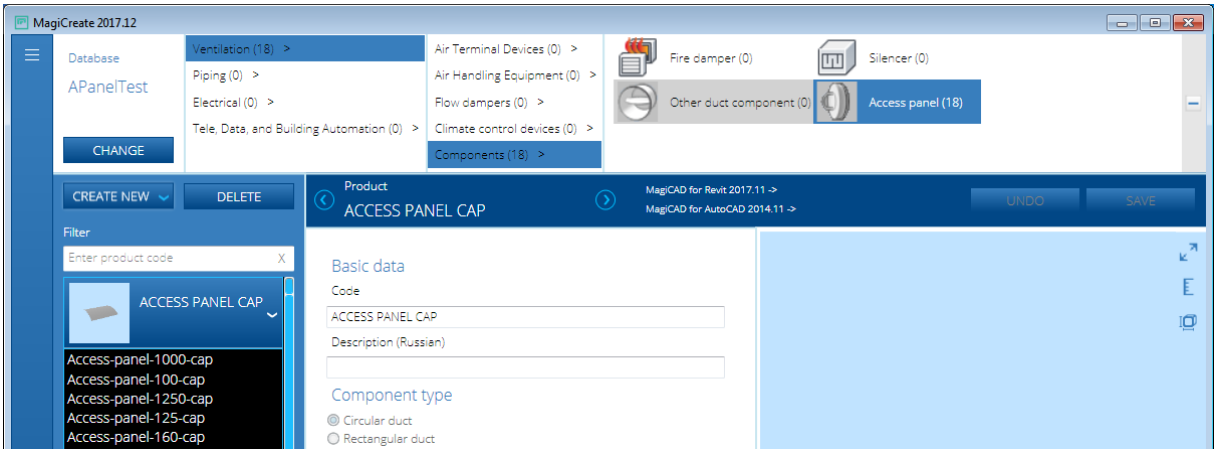
Description	Label	Value
Connection diameter	D	125
Total length	A	2992
Duct diameter	D1	15
Spigot: front/1r/2r/1top/2top	MT	3
1: cooling 2:heating 3: c&h	MT2	2

MagiCreate 2017.12 – Release notes

New features

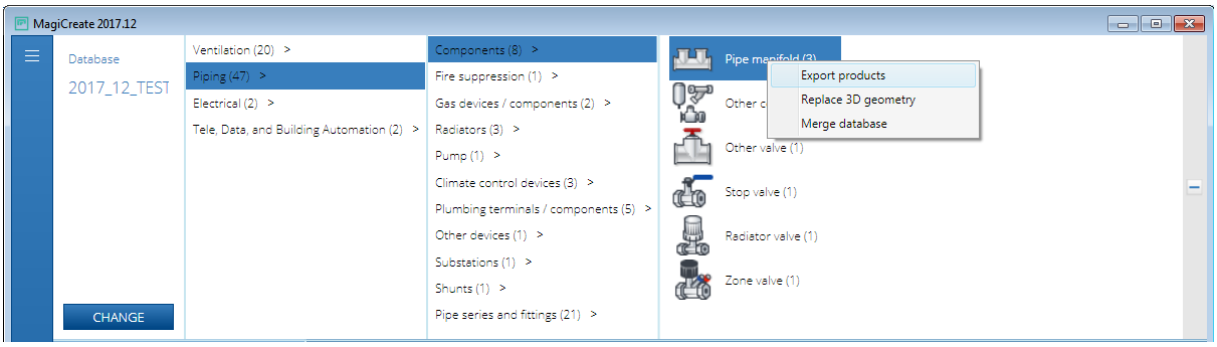
Modelling of Access panel

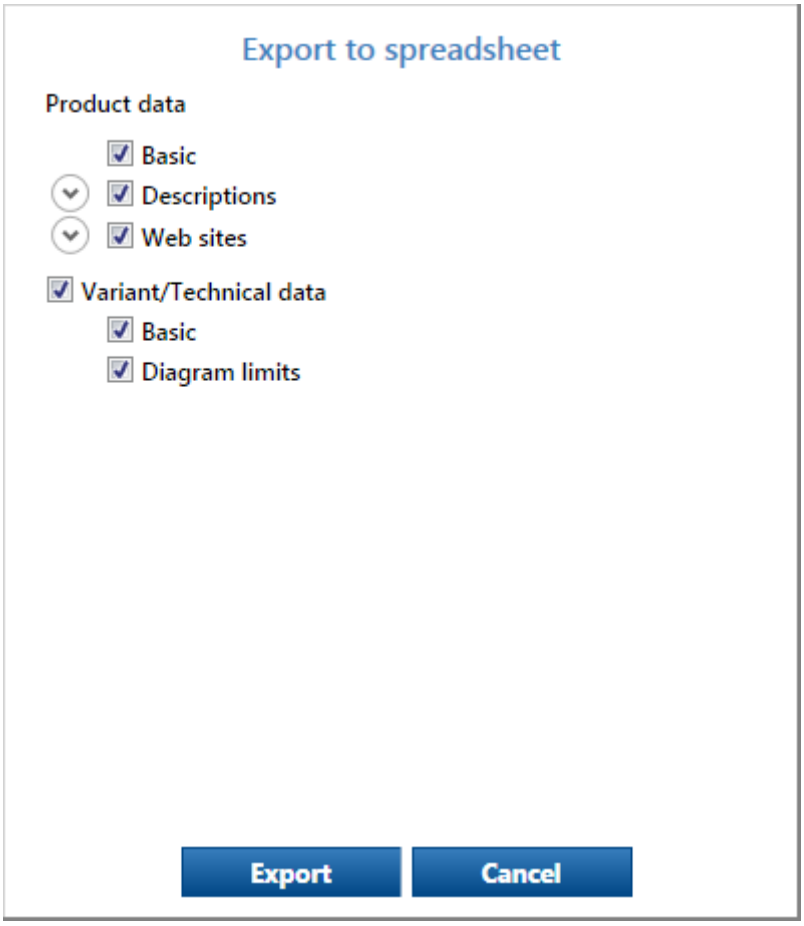
The modelling of Access panel has been added in this release.



The ‘Export products to spreadsheet’ feature extended

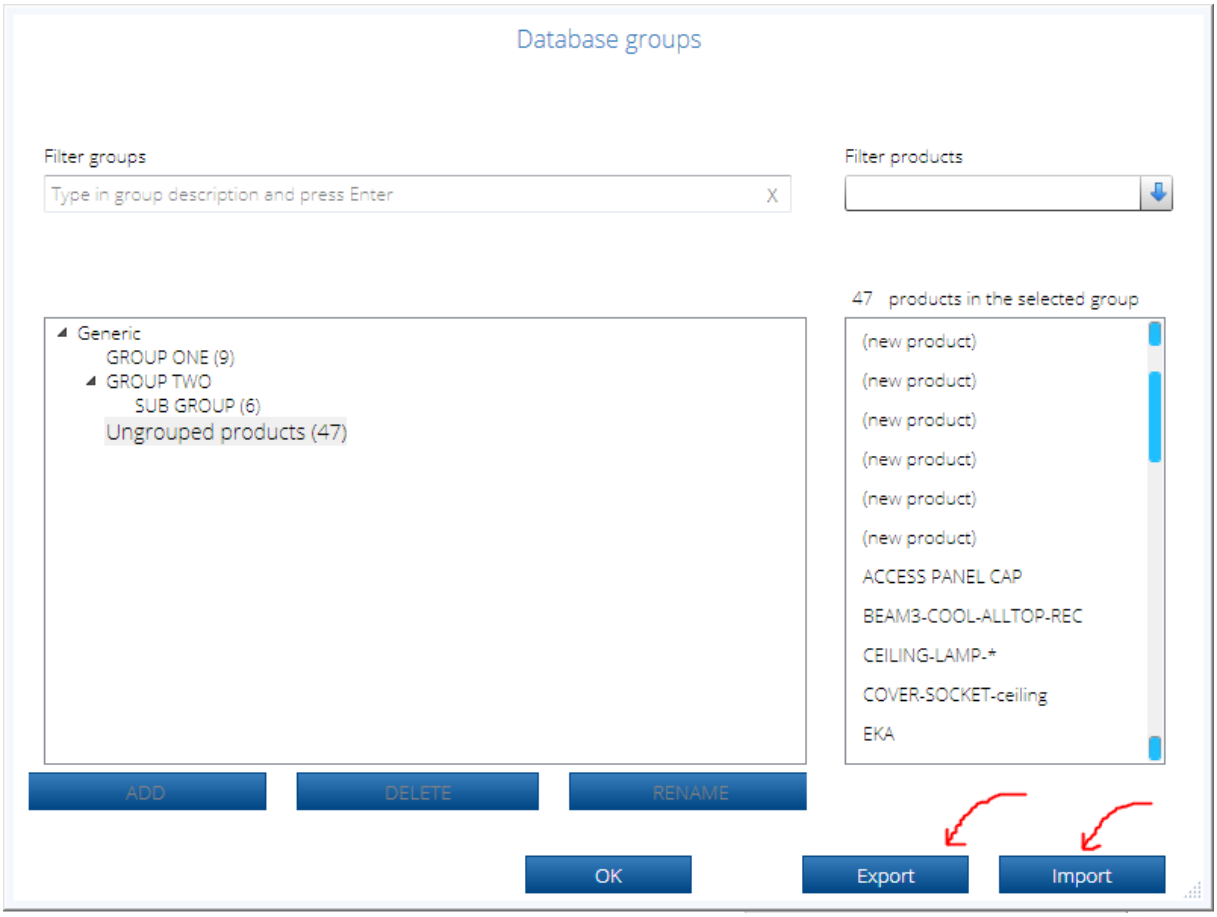
Basic technical data can be exported from all **Piping** products.





Export Database groups to spreadsheet

The database groups can be exported to spreadsheet, and the localized group headers can be edited there and imported back to the database.

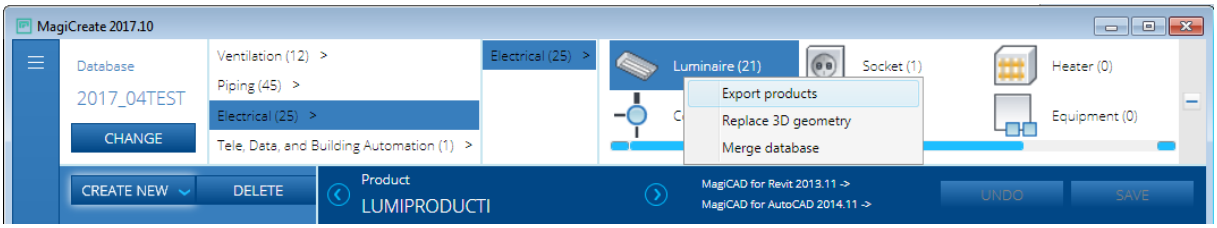


MagiCreate 2017.10 – Release notes

New features

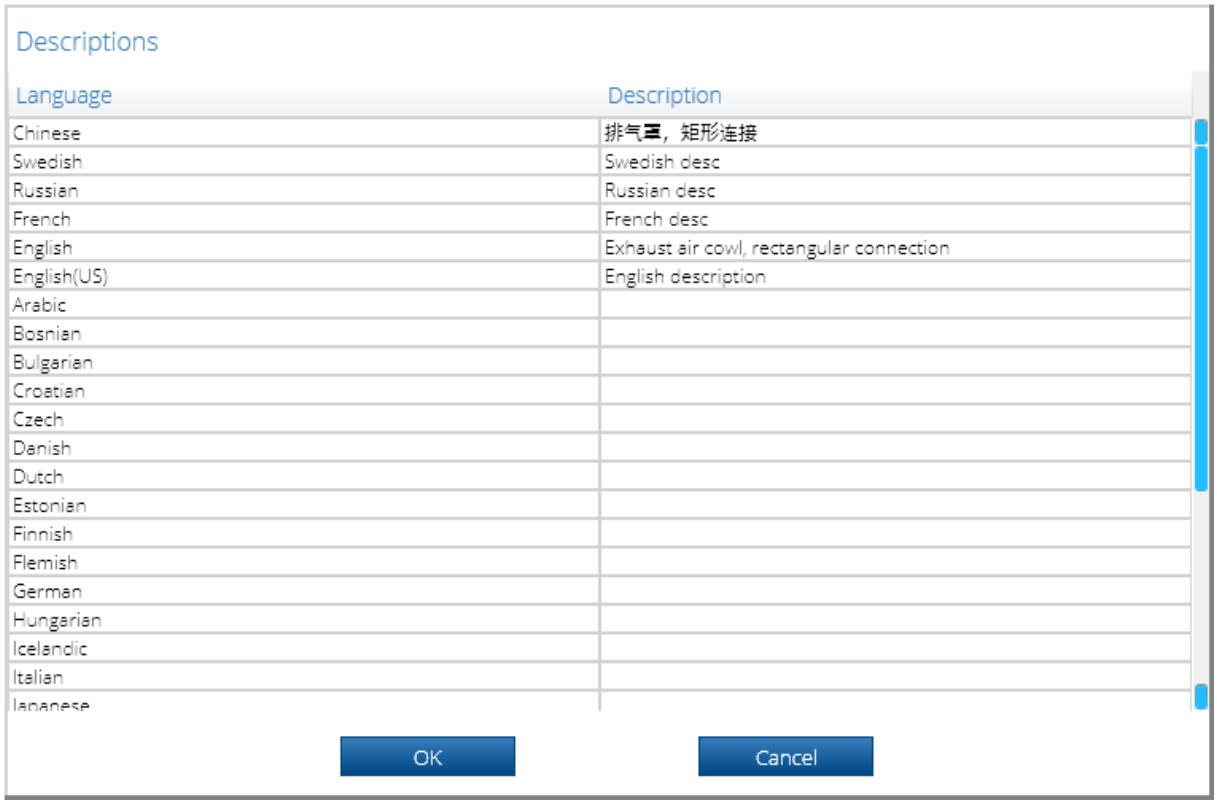
‘Export products to spreadsheet’ feature extended

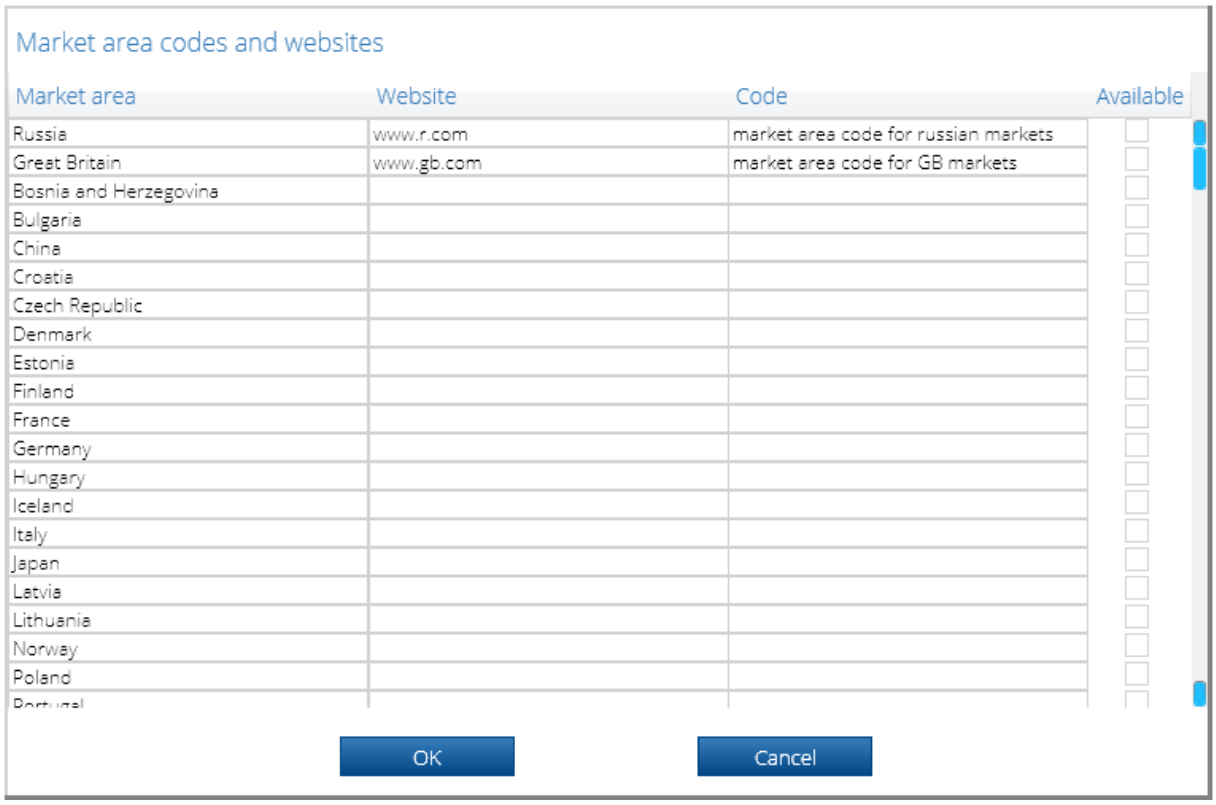
The technical data can be exported from all **Electrical** products as well as all products from **Tele, Data, and Building Automation**.



Extended Descriptions and Market area codes and websites

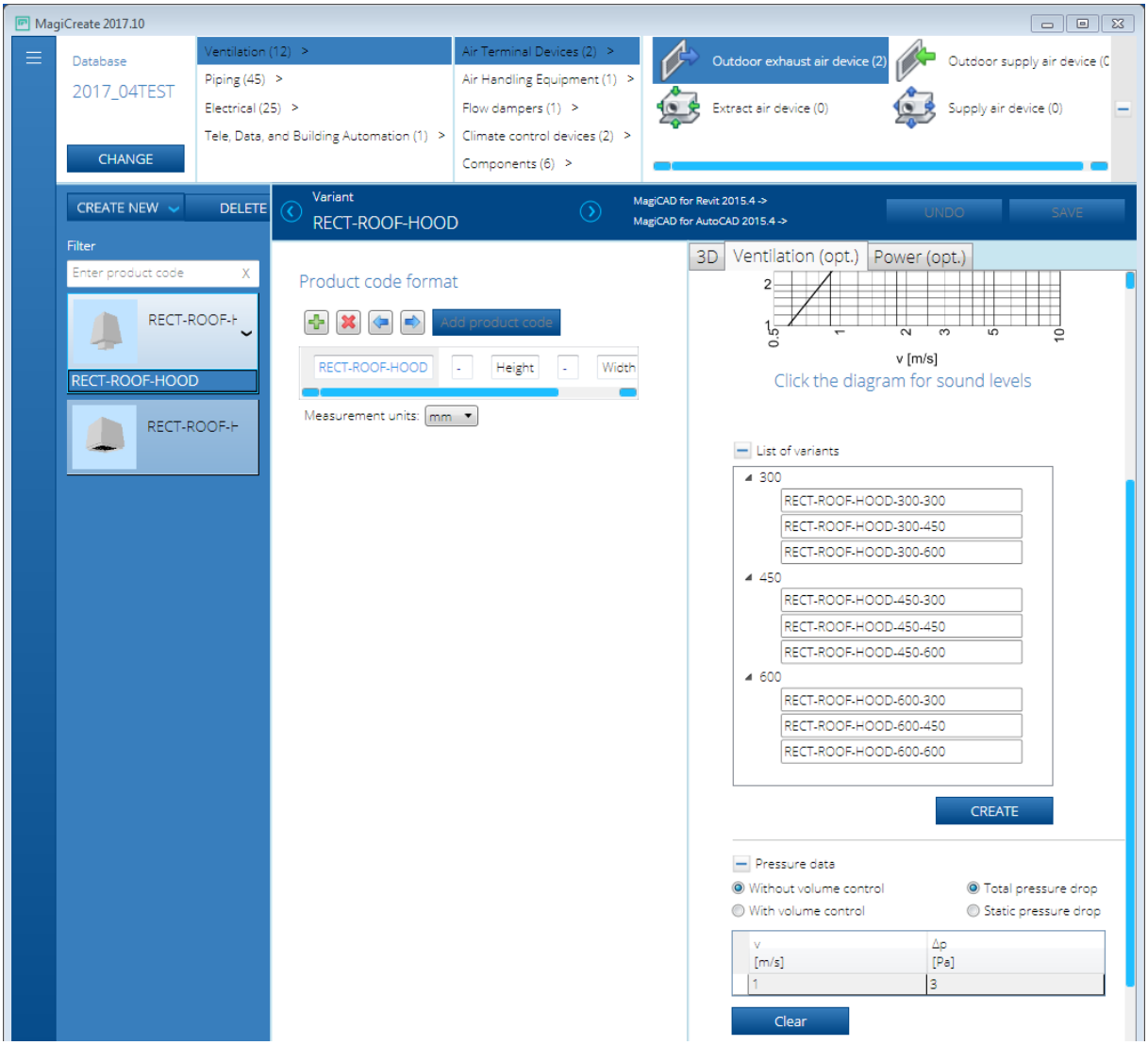
The amount of description languages has been added, as well as the possible Market areas:





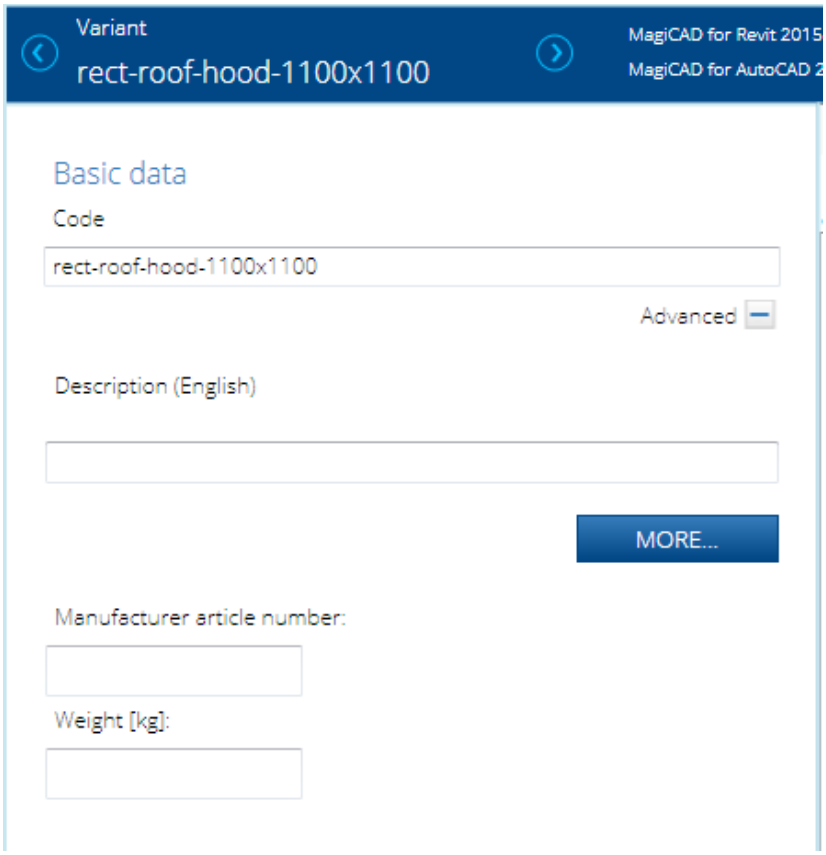
Improved modelling of the Air Terminal Devices

The modelling of the **Air Terminal Devices** can now be started by defining the size range of the variants. The common technical data can be given for all sizes. This is a significantly helpful tool for creating quickly hunders of rectangular grilles. After entering the data, the distinct variants can be created by pressing the **CREATE** button.



Manufacturer article number

In this release, **Manufacturer article number** has been added to every product type:

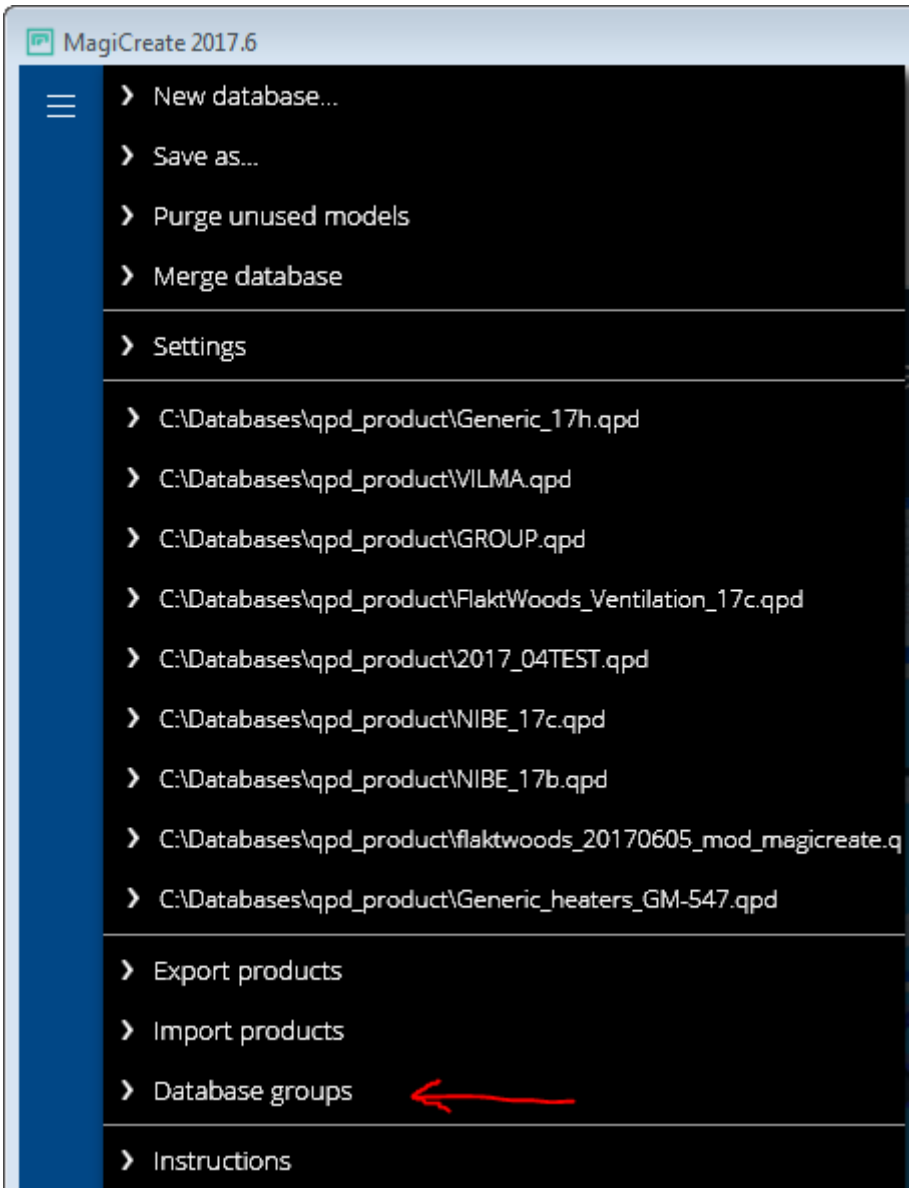


MagiCreate 2017.6 – Release notes

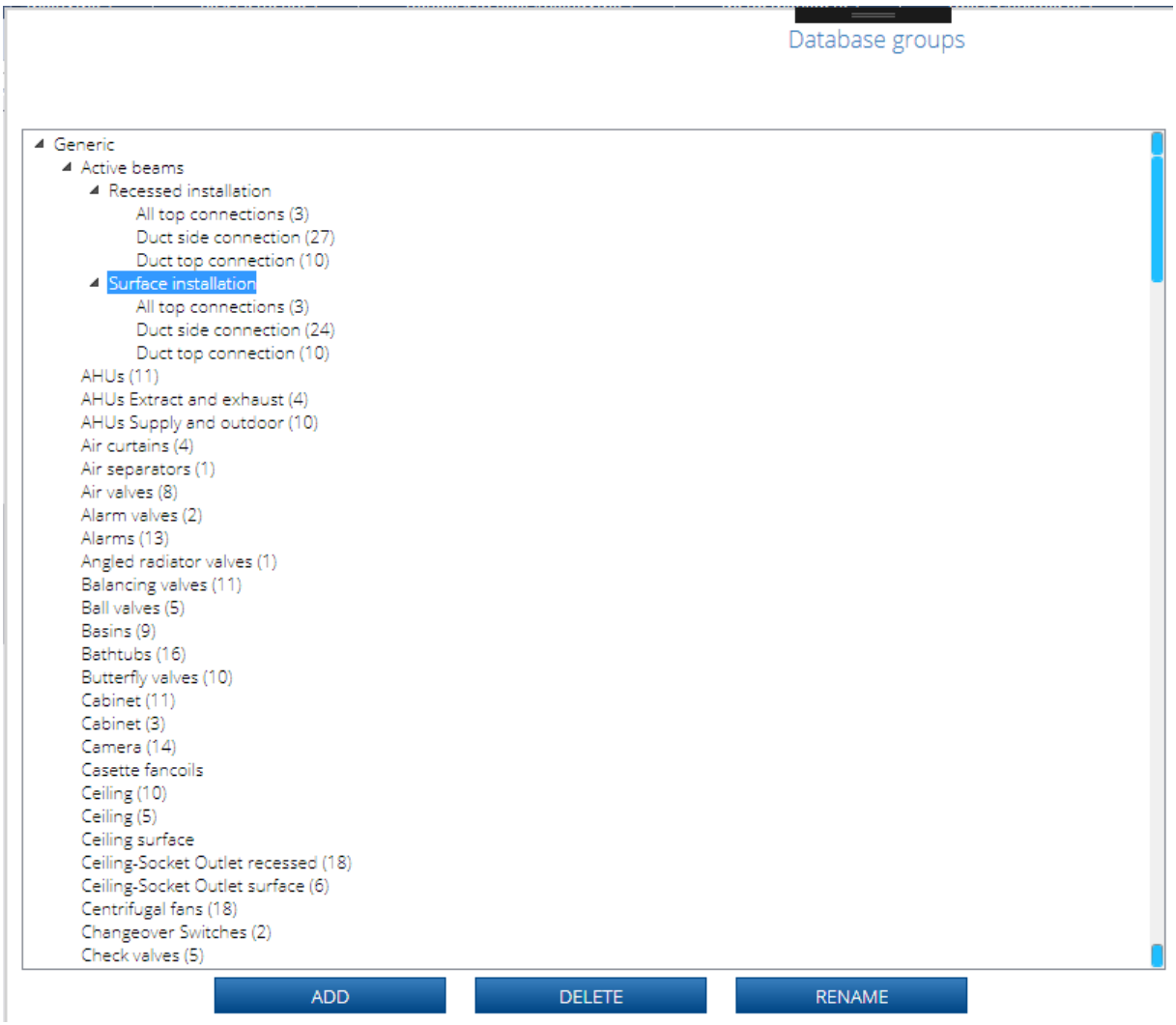
New features

Database groups

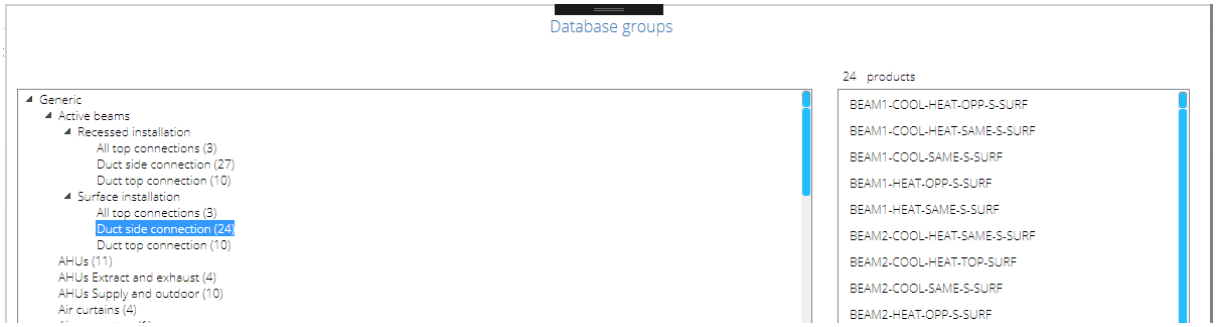
In this release, database groups can be created and modified. The **Database groups** dialog can be started in the main menu:



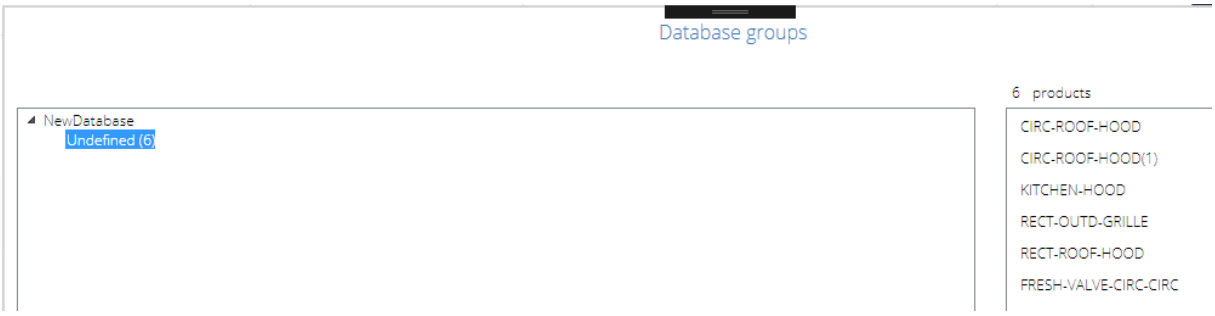
In the **Database groups** dialog, the groups can be added, deleted and renamed. The location in the group tree can be changed by dragging the group and dropping it in the new location. If the group is removed, the products in the group will be moved to the **Undefined** group.



The selected products listed on the right can be dragged and dropped to any leaf (= lowest level) group.

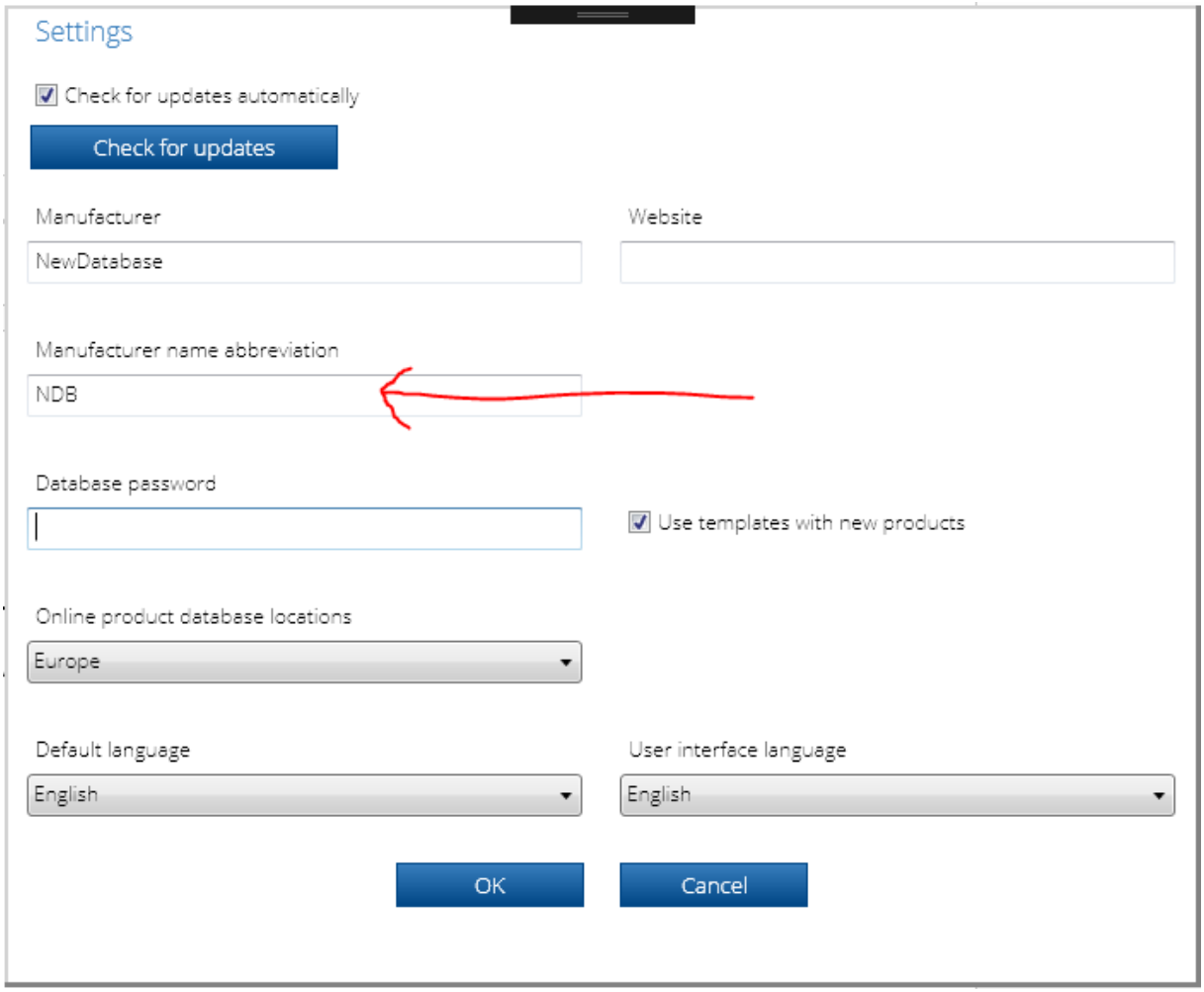


When starting **Database groups** in a new database, all existing products will automatically be connected to the **Undefined** group.



Manufacturer name abbreviation

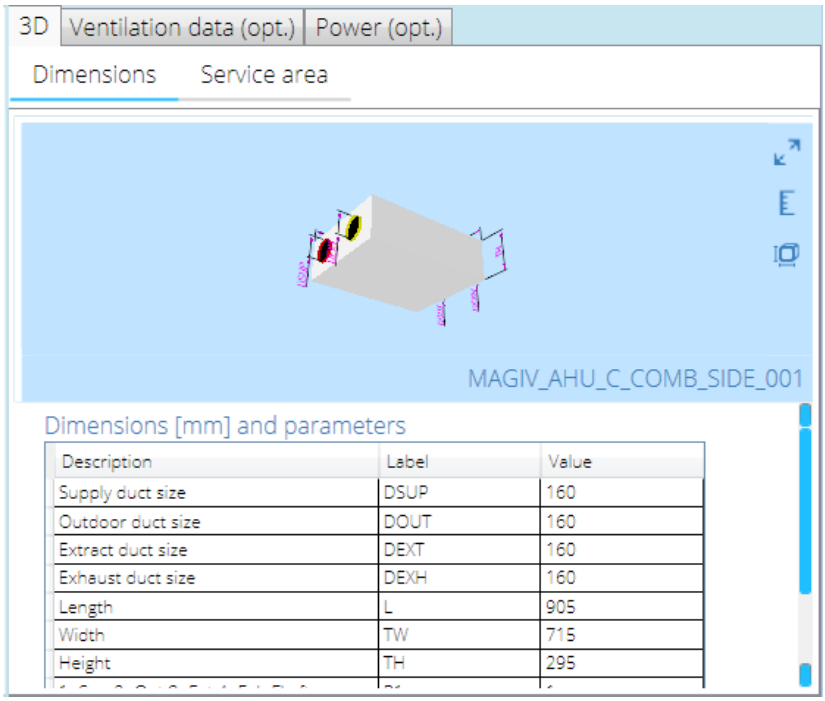
The **Manufacturer name abbreviation** field is a new three letter field in the **Settings**:



The **Manufacturer name abbreviation** value in this field will be saved for every product in the database. It is not visible in MagiCreate.

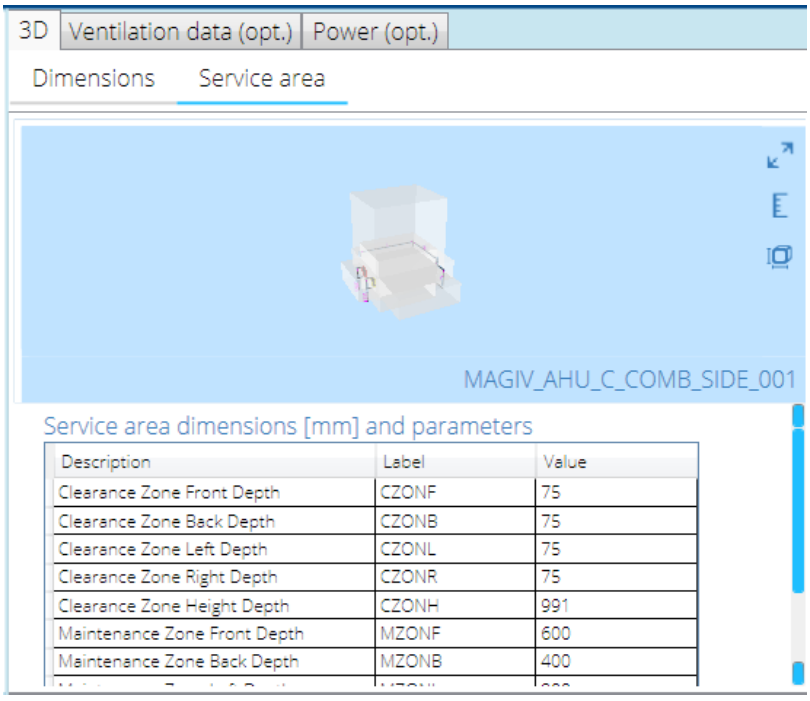
The **3D** tab has been divided into two sub tabs.

Dimensions:



Description	Label	Value
Supply duct size	DSUP	160
Outdoor duct size	DOUT	160
Extract duct size	DEXT	160
Exhaust duct size	DEXH	160
Length	L	905
Width	TW	715
Height	TH	295

Service area:



Description	Label	Value
Clearance Zone Front Depth	CZONF	75
Clearance Zone Back Depth	CZONB	75
Clearance Zone Left Depth	CZONL	75
Clearance Zone Right Depth	CZONR	75
Clearance Zone Height Depth	CZONH	991
Maintenance Zone Front Depth	MZONF	600
Maintenance Zone Back Depth	MZONB	400

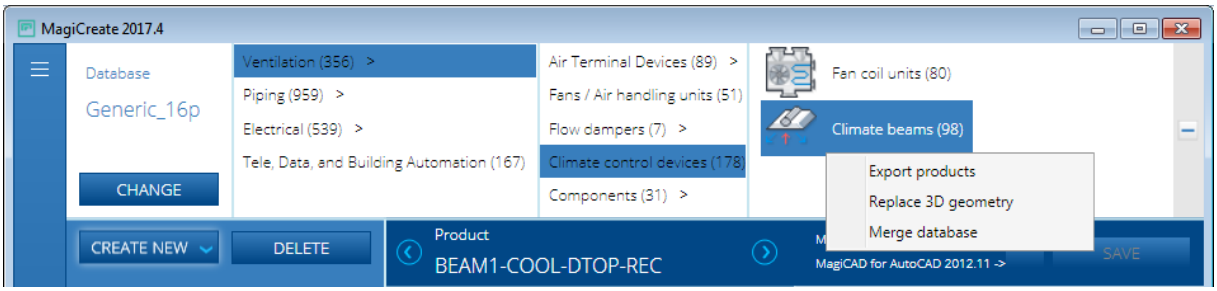
The **Service area** sub tab only exists with parameters starting with “**CZ**” or “**MZ**” in the 3D Geometry.

MagiCreate 2017.4 – Release notes

New features

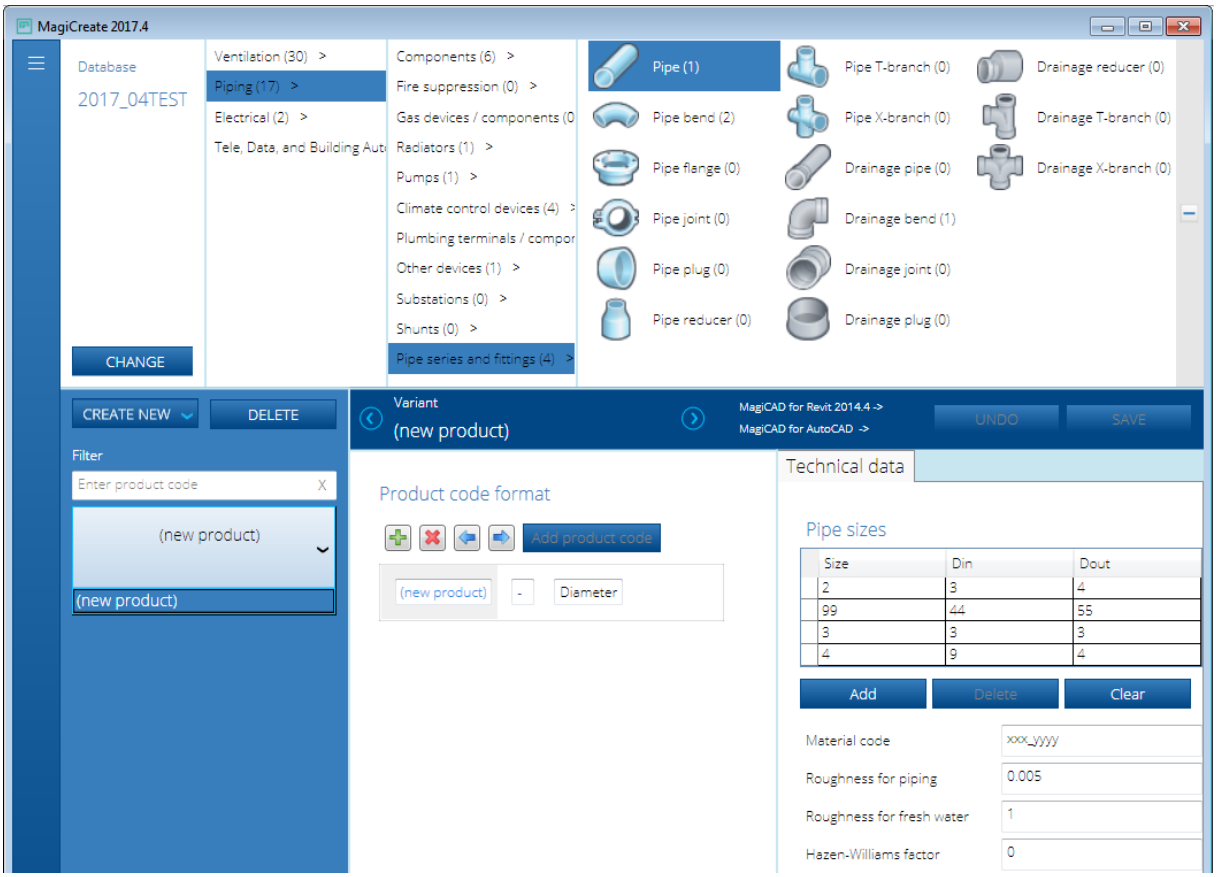
‘Export products to spreadsheet’ feature extended

In this release, the technical data can be exported from all Ventilation products, also from Fans / Air handling units, Fan coils, and Climate beams.



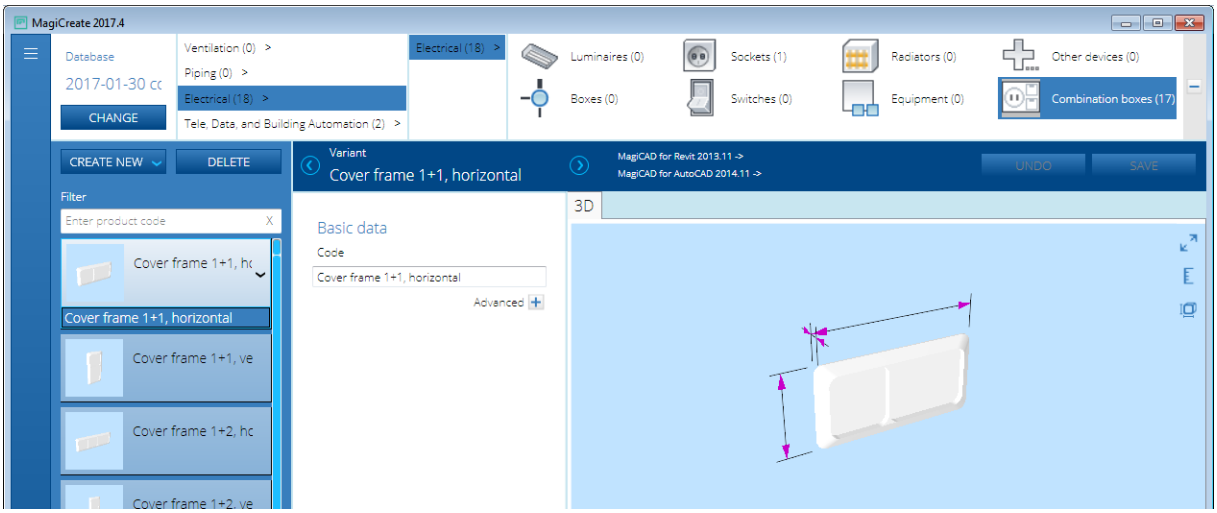
Modelling of Pipe series and fittings

The modelling of Pipe series and fittings is also possible in this release.


MagiCreate 2017.4
Database
2017_04TEST
CHANGE
Ventilation (30) >
Piping (17) >
Electrical (2) >
Components (6) >
Fire suppression (0) >
Gas devices / components (0
Radiators (1) >
Pumps (1) >
Climate control devices (4) >
Other devices (1) >
Substations (0) >
Shunts (0) >
Pipe series and fittings (4) >
Pipe (1)
Pipe bend (2)
Pipe flange (0)
Pipe joint (0)
Pipe plug (0)
Pipe reducer (0)
Pipe T-branch (0)
Pipe X-branch (0)
Drainage pipe (0)
Drainage bend (1)
Drainage joint (0)
Drainage plug (0)
Drainage reducer (0)
Drainage T-branch (0)
Drainage X-branch (0)
CREATE NEW
DELETE
Filter
Enter product code
(new product)
(new product)
Variant
(new product)
MagiCAD for Revit 2014.4 ->
MagiCAD for AutoCAD ->
UNDO
SAVE
Product code format
Add product code
(new product)
-
Diameter
Technical data
Pipe sizes
Size
Din
Dout
2
3
4
99
44
55
3
3
3
4
9
4
Add
Delete
Clear
Material code
xxx_yyyy
Roughness for piping
0.005
Roughness for fresh water
1
Hazen-Williams factor
0

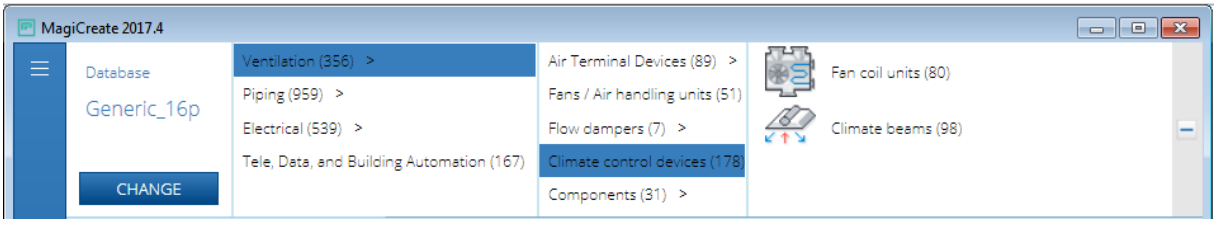
Modelling of Combination boxes

The modelling of Combination boxes has been added in this release.



Product count is visible in all product categories

The number of products in the product category can be seen in parenthesis at the end of each category name.

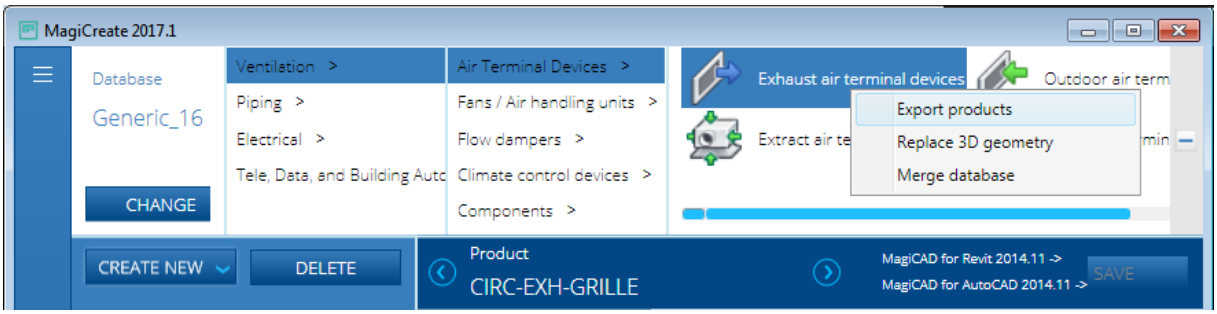


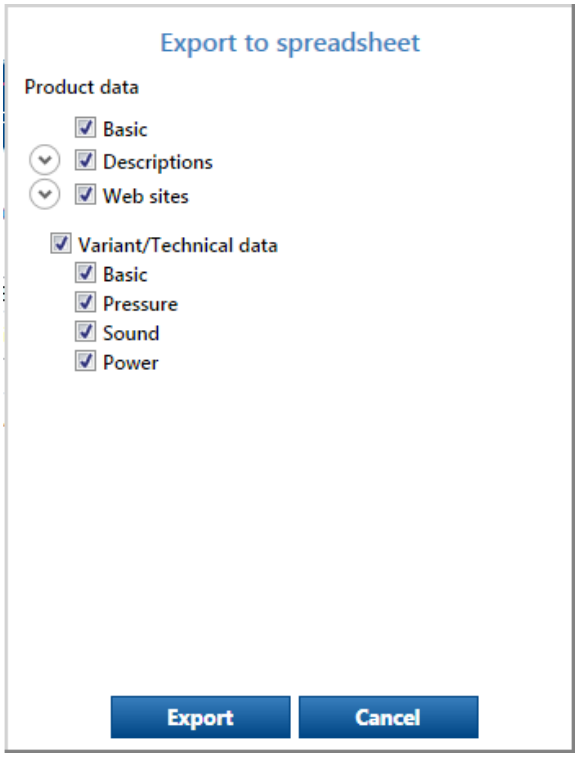
MagiCreate 2017.1 – Release notes

New features

‘Export products to spreadsheet’ feature extended

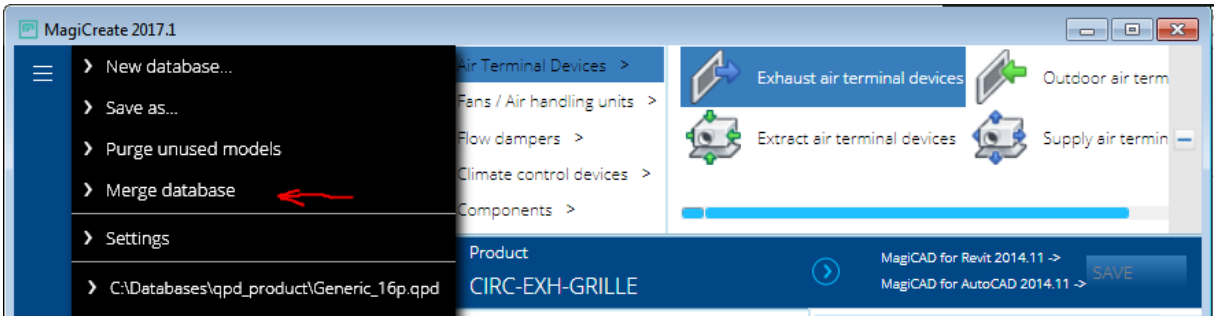
When exporting the selected product class or selected products, also technical data can be exported to a spreadsheet. In this release, the technical data can be exported from Ventilation products (except Fan coils and Climate beams).





Merge database

The whole external database can now be merged with the current database. All products with 3D geometry can be merged.

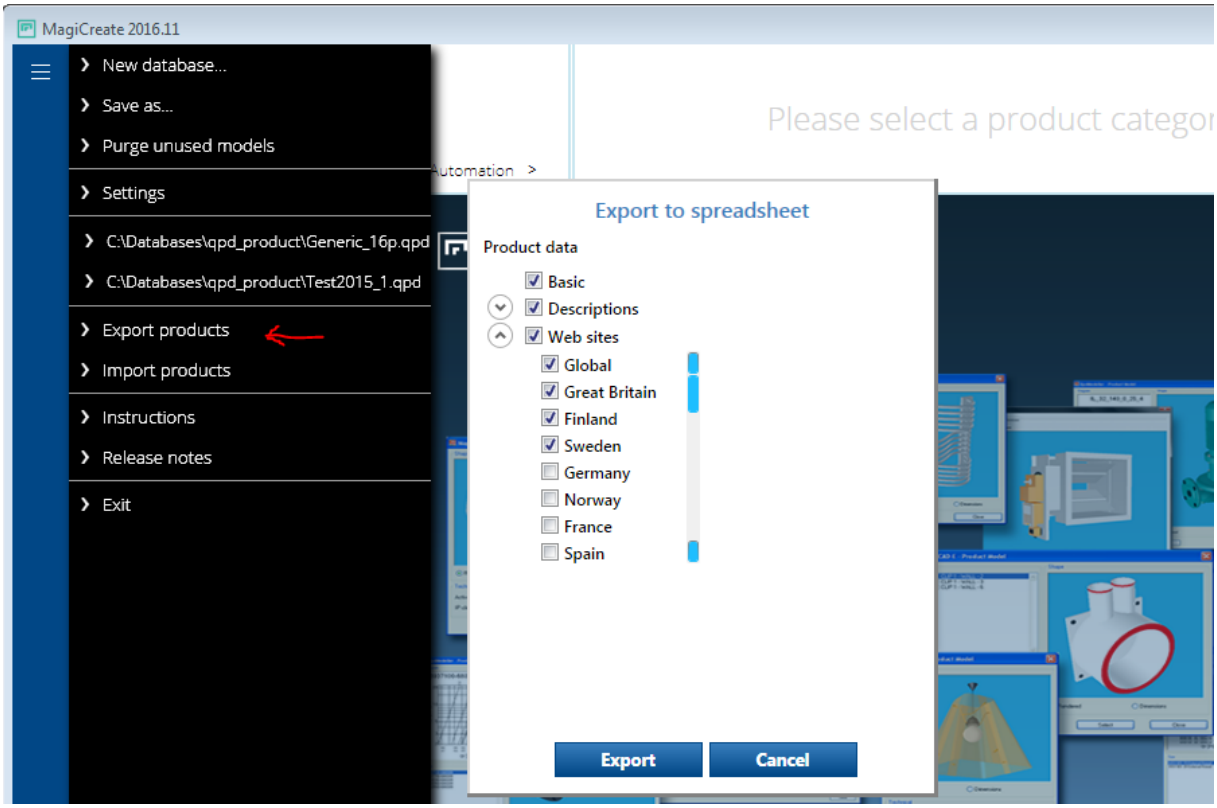


MagiCreate 2016.11 – Release notes

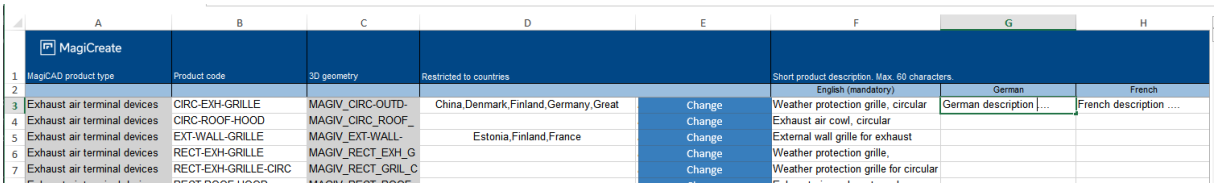
New features

Export products to spreadsheet

The whole database, selected product class or selected products can be exported to a spreadsheet. The export data can consist of **Basic** data (product code, country restrictions), **Descriptions** (short product descriptions of the selected languages) and **Web sites** (of the selected countries):



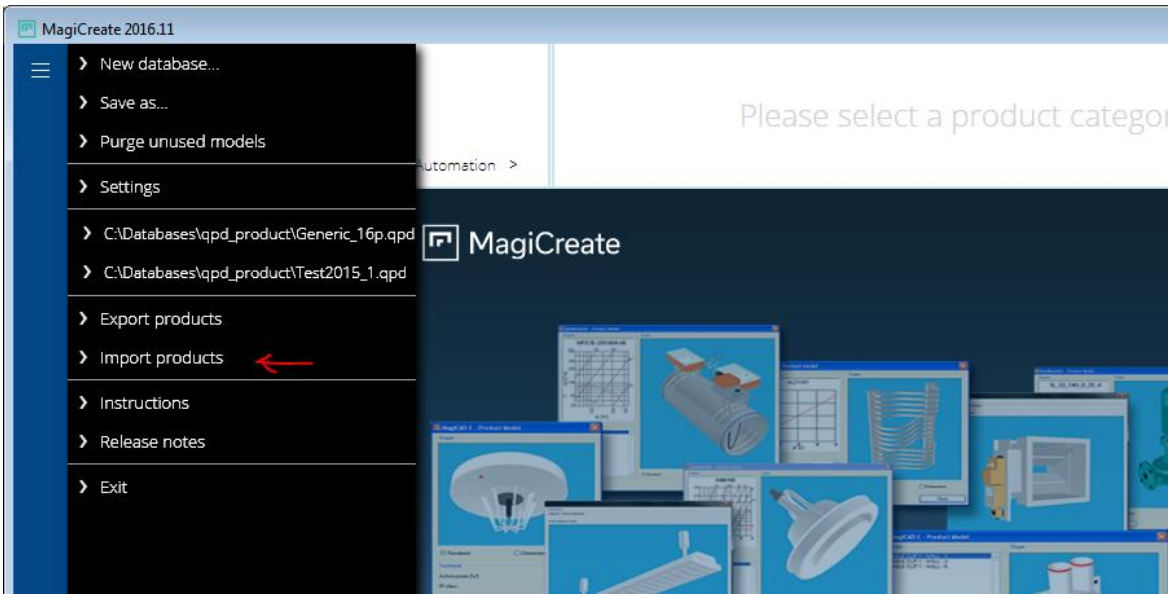
The data can be modified and supplied in the spreadsheet:

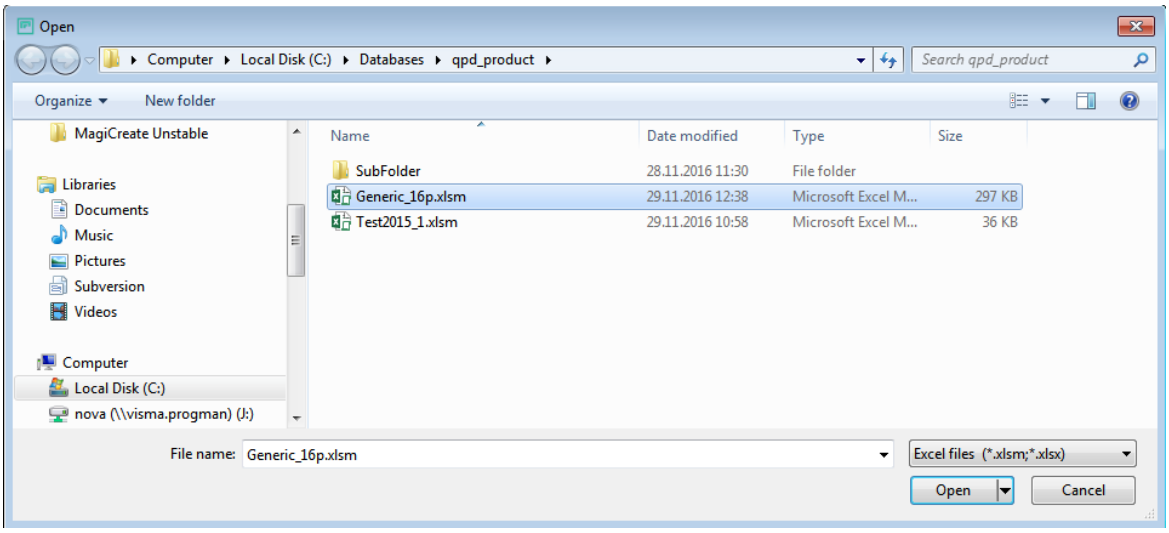


	A	B	C	D	E	F	G	H
1	MagiCAD product type	Product code	3D geometry	Restricted to countries		Short product description. Max. 60 characters.		
2						English (mandatory)	German	French
3	Exhaust air terminal devices	CIRC-EXH-GRILLE	MAGIV_CIRC-OUTD-	China,Denmark,Finland,Germany,Great	Change	Weather protection grille, circular	German description	French description ....
4	Exhaust air terminal devices	CIRC-ROOF-HOOD	MAGIV_CIRC_ROOF_		Change	Exhaust air cowl, circular		
5	Exhaust air terminal devices	EXT-WALL-GRILLE	MAGIV_EXT-WALL-	Estonia,Finland,France	Change	External wall grille for exhaust		
6	Exhaust air terminal devices	RECT-EXH-GRILLE	MAGIV_RECT_EXH_G		Change	Weather protection grille,		
7	Exhaust air terminal devices	RECT-EXH-GRILLE-CIRC	MAGIV_RECT_GRIL_C		Change	Weather protection grille for circular		

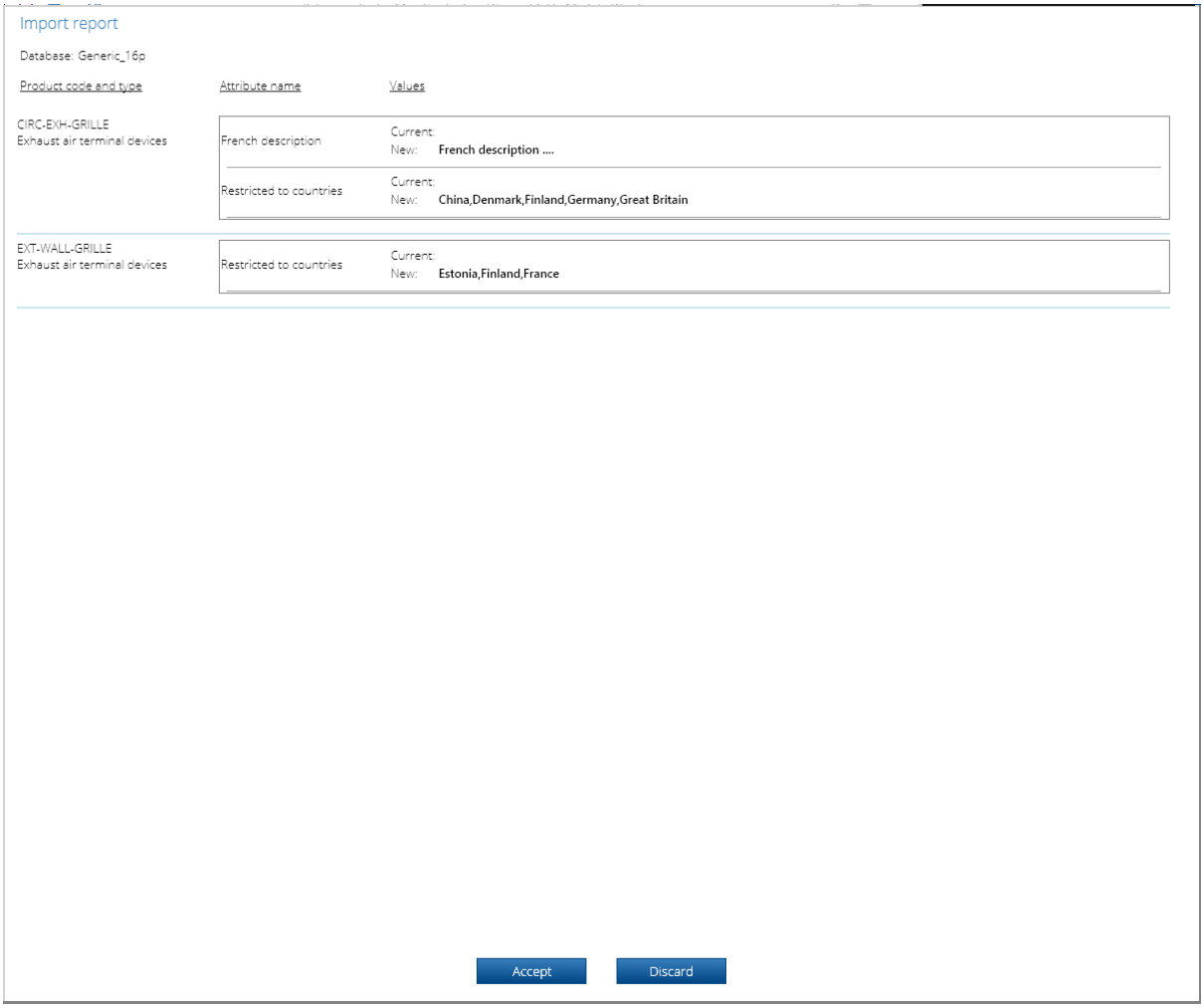
Import products from spreadsheet

After having input the data to the spreadsheet, it can be imported back to the database:



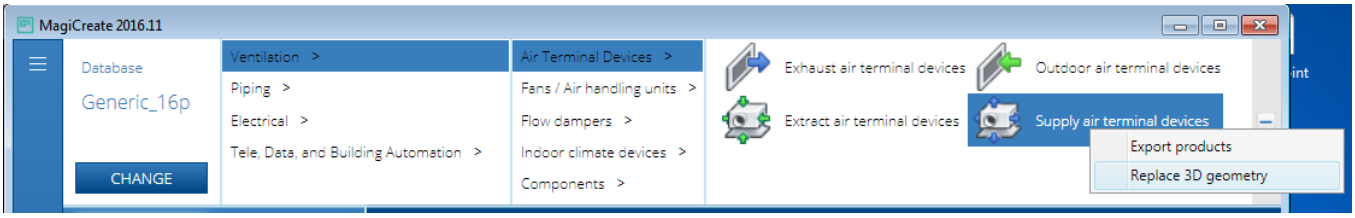


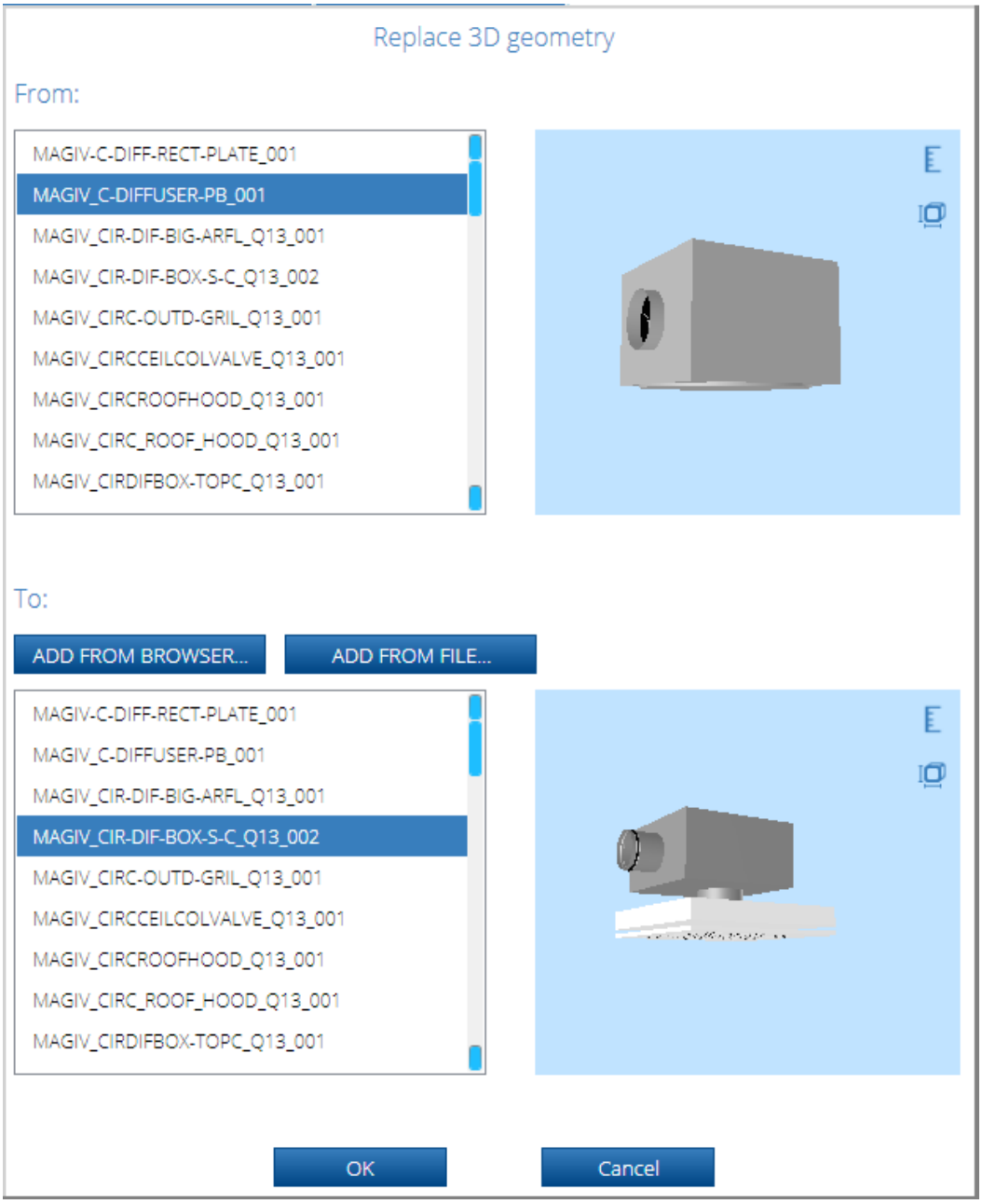
Finally, a report of the modifications is shown and the changes will be applied on accept:



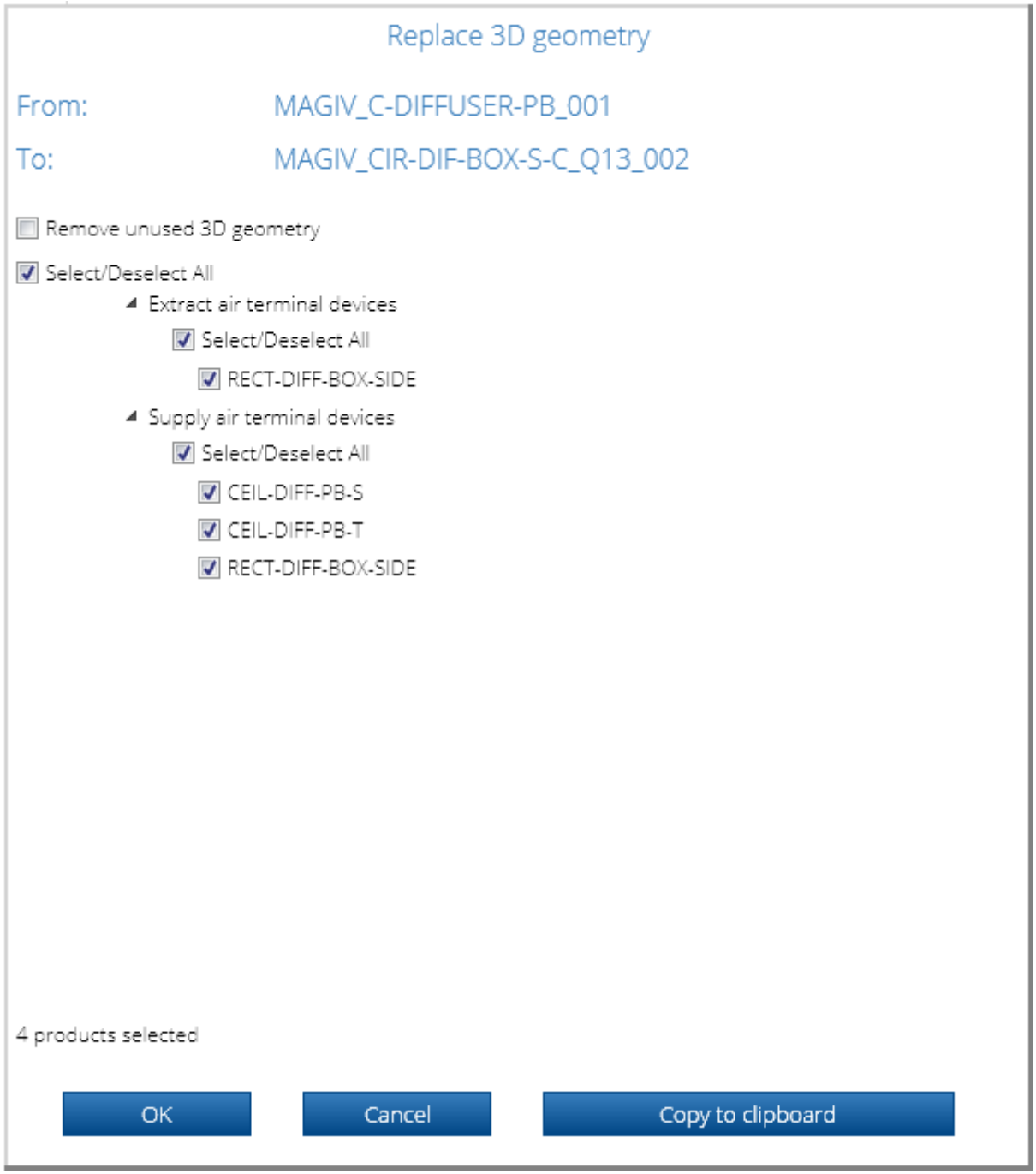
Replace 3D geometry

It is now possible to replace the products' 3D geometry. The **Replace 3D geometry** function can be found in the context menu of the selected product class:





The 3D geometry to be replaced (**From:**) and the replaced 3D geometry (**To:**) are shown at the top. All products using the original 3D geometry are selected by default.



If all products are selected, the unused 3D geometry can be removed by checking the **Remove unused 3D geometry** checkbox.