MagiCAD Create

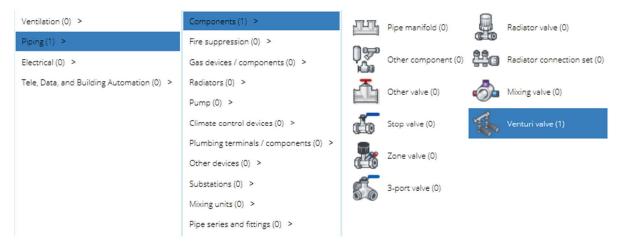
Release Notes



MagiCAD Create 2022.05 – Release notes

New features

Venturi valve has been added to MagiCAD Create.



- Improved the way behaviours are set. It is now possible to detect wether connection ports are aligned on the same line.
- Updating Qmodel should always update family versionId to all affected products.
- Only Qmodel change should now be allowed for "not editable" products.
- Various fixes for sizing mode change
 - o Voltage value is not lost in the process
 - o Qmodel parameters are correctly passed from family to the variants.
- When merging products from another DB. Products with same ID were not regocnized as same products if they had different name.
- Various fixes for exclude application values.



MagiCAD Create 2022.02.1 – Release notes

Fixes and improvements

- Electrical connection was saved to connectionPort attribute with various products
- MCC crashed when trying to save PumpType other than fixed to empty PumpTemplate
- TextBoxes for electrical data would not allow decimals due to instant validation
- German, Spanish and French languages would crash when trying to open product due to error in translations.
- Adding special exclude applications should now work properly.
- MCC would not remember level of detail selected when switching between products and CAT models where not drawn correctly

MagiCAD Create 2022.02 – Release notes

- Fixes for selecting multiple products in product list.
- Added warnings and validations for setting electrical data
- Minimum Magicad version is now visible for the whole database.
- MCC can be launched directly from qbd -file.
- Fix for radiator technical data disappearing when bringing to Create
- Fixed "Use these dimensions in product -preview" can now only be set to one variant, and value wont be copied.
- Fix for PumpType not saving
- Rfa file name can now be set for Cable tray fittings
- Fix for Codestruct did not update when ProductCode was changed
- · Advanced data is always opened for Admin users
- Fix for Diameter setting was not working properly for 3th party products.
- Added Equivalent length for pipe joints



New features

Material colors can now be edited in MCC

- Copy will set current variant materials to all variants.
- Reset will get original materials from Qmodel.
- Materials can be pasted from Clip Board in RGB ex. 233,45,120 by selecting row and pasting with ctrl+v

Material parameters

Reset			Copy				
Grey	3	192	192	192	0	50	
Matt black	2	255	128	0	0	0	
White	1	255	255	255	0	50	
Name	ld	Red	Greer	Blue	Trans	Shine	



MagiCAD Create 2021.10.1 – Release notes

Fixes and improvements

• Fixed Angle Pipe component behaviour

MagiCAD Create 2021.10 – Release notes

New features

Angle pipe components for MagiCAD for AutoCAD

Added support for pipe components for MagiCAD for AutoCAD.

Fixes and improvements

• Improvements to other pipe components.



MagiCAD Create 2021.6 – Release notes

New features

Define duct bend length class by r/d or rin

Duct bend length class can now be defined by r/d or rin for rectangle ducts and by r/d for round ducts.



r/d:

- Short bend: greater than or equal to 0,5 and less than 0,8.
- Medium bend: greater than 0,8 and less than 1,25.
- Long bend: greater than or equal to 1,25.

rin:

• Distance in mm.

Effective area for radiators

Effective area can now be defined for radiators by first check the check box "use effective areas" and then filling the data in the effective area tab. New effective areas are added by adding new sizes in the 3D tab.



	al) Effect	ive area			
imensions					
			en H		
		4			
		đ			
			2 ×		
			108		
			E HARR		
			6 +108X		
			H-1028		
			H HAR		M
			H a Har		M
)imensions [mm] and pa	arameters	5	Preview of codes and s	izes [mm]	M
	arameters	5 Value			
Description			Preview of codes and s	izes [mm] Length (B)	M. Height (H) 100
Description depth	Label	Value	Preview of codes and s	Length (B)	Height (H)
Description	Label W1	Value 40	Preview of codes and s	Length (B)	Height (H)
Description depth pipe connecton position	Label W1 W2	Value 40 20	Preview of codes and s Code testipatteri2-0100-0100 testipatteri2-0100-0200	Length (B) 100 200	Height (H) 100 100
Description depth pipe connecton position pipe diameter	Label W1 W2 D	Value 40 20 15	Preview of codes and s Code testipatteri2-0100-0100 testipatteri2-0100-0200 testipatteri2-0111-0111	Length (B) 100 200 111	Height (H) 100 100 111

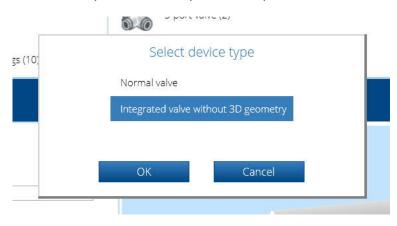
Duct connection type rework

Heights and lengths [mm]

The connection type selections for duct series and fittings have been updated.

Integrated radiator valves can now be created

When creating a new radiator valves, MagiCAD Create now asks to select the device type, if the "use templates for new products" option is unchecked in the settings menu.





Settings	
Check for updates automatically	
Check for updates	
Manufacturer	Website
Manufacturer name abbreviation	
Database password	Use templates with new products
Online product database locations Europe v	
Default language English ~	User interface language
ОК	Cancel

- Fixed two problems related to installation direction.
- Fixed problem with other duct components that have additional non-ventilation connections.
- Fixed problem with decimal values in distribution boxes.
- Various smaller fixes.



MagiCAD Create 2021.2.1 – Release notes

Fixes and improvements

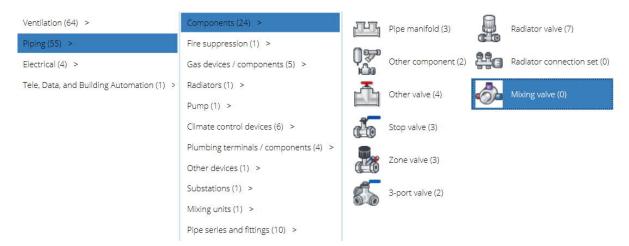
Import/export fixes

MagiCAD Create 2021.2 – Release notes

New features

Mixing valve

Mixing valve has been added to MagiCAD Create.



Radiator connection set

Radiator connection set has been added to MagiCAD Create.

Ventilation (64) >	Components (24) >	JUG	Pipe manifold (3)		Radiator valve (7)
Piping (55) >	Fire suppression (1) >	0			
Electrical (4) >	Gas devices / components (5) >	08	Other component (2)	40	Radiator connection set (0)
Tele, Data, and Building Automation (1) >	Radiators (1) >	A.	Other valve (4)		Mixing valve (0)
	Pump (1) >	non, Ener		e (4)	wixing valve (0)
	Climate control devices (6) >	do	Stop valve (3)		
	Plumbing terminals / components (4) >				
	Other devices (1) >	ĊĽÓ	Zone valve (3)		
	Substations (1) >	5	3-port valve (2)		
	Mixing units (1) >				
	Pipe series and fittings (10) >				

Spanish language

MagiCAD Create now supports Spanish language.



FIPS support

MagiCAD Create now supports Windows FIPS mode.

- The maximum amount of duct sizes has been increased from 932 to 5000.
- Fixed a problem, which caused changes to data sometimes go undetected which resulted in the save button not activating.
- Fixed a problem with decimal values in electrical product sizes.
- Import/export fixes
- Various smaller fixes

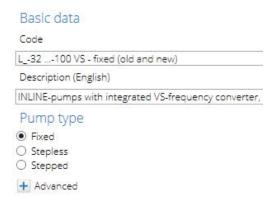


MagiCAD Create 2020.10 – Release notes

New features

New pump types

New pump types have been added with different curves. The new types are called "Stepless" and "Stepped". The old pumps are now known as "Fixed Pumps". The type can be selected from product basic data:



An example of stepped pump curve. At least two points per rpm and at least two different rpms are needed:

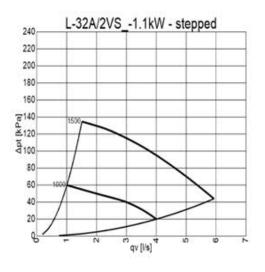


Diagram limits

min qv	0.01	l/s	min ∆pt	0.1	kPa	
max qv	7	l/s	max ∆pt	225	kPa	

qv [l/s]	∆pt [kPa]	Rpm
1	60	1000
2	50	1000
3	40	1000
4	20	1000
1	140	1500
1.3	136.9	1500
2.3	126.2	1500
3.2	111.6	1500
4	95.1	1500
5	70.2	1500
6	42	1500

Operational area limits





Pressure independent radiator valve

New type of radiator valve has been added. Pressure independent radiator valve allows creation of radiator valves with similar data as the pressure independent zone vale. The type can be selected form product basic data:

Basic data	
Code	
PIRVP	
Description (English)	
Pressure independent radiator valve pro	duct
Valve type	
○ Normal radiator valve	
Pressure independent radiator valve	
Interpolation allowed	

- Drainage pipe segment UI fixes
- Import/export fixes
- Various smaller fixes

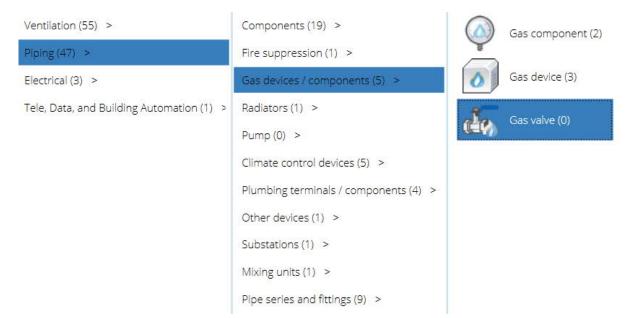


MagiCAD Create 2020.5 – Release notes

New features

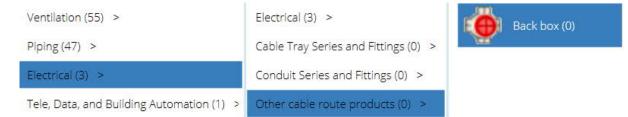
Gas valve

Gas valve has been added to MagiCAD Create.



Back box

Back box has been added to MagiCAD Create.





Custom values for sprinkler nominal release temperature

Sprinkler nominal release temperature can now be set with either the old preset values or completely custom values.

3D Technical data (optional)			
Technical data			
Nominal release temperature	99		°C Use custom value 🖌
Response class	QR	¥	
k-factor	80		
	Clear		

- Added support for new types of substations
- Shape attribute should now be updated correctly with drainage devices
- Connection port sizes attribute should no longer be created when not needed
- Fixed a problem that caused Lp10(A) calculations to give wrong values with small octave band values.
- Various smaller fixes

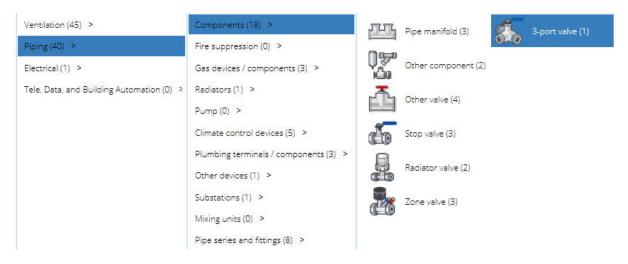


MagiCAD Create 2020.2 – Release notes

New features

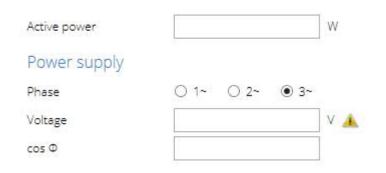
3-Port Valve

3-port valve has been added to MagiCAD Create.



New warning and validation for electrical products

Voltage now shows a warning if it is not set. Saving is still possible.





If active power is set, then voltage must be also set. In this case saving is not possible until voltage is set and is not 0.

Active power	5 W	
Power supply		
Phase	○ 1~ ○ 2~ ④ 3~	
Voltage	V	
cos Φ	Valu	ue cannot be 0.

- Export/import should now handle electrical connectors correctly for fancoils.
- Uniticking the "variants share the same data" check box on some products caused pressure and sound data rows to double. This has now been fixed.
- Fixed ordering of variant list in Single Product Mode.
- Fixed problem with Chinese characters sometimes not appearing correctly.
- Drainage components with 90 degree angle should now set correct behaviour attribute values.



MagiCAD Create 2019.12 – Release notes

New features

- Added new inputs for pipe series:
 - o Thermal conductivity
 - o Flexible pipe

Pipe sizes

Size	Din	Dou	t
Add	Delete		Clear
Material code		0	
Roughness for piping		0	
Roughness for fresh water		0	
Hazen-Williams facto	or	0	
Thermal conductivit	У	0	W/mK
Flexible pipe			

+ Data for flexible sprinkler pipes

- Fixed a problem that caused copying variants of certain product classes to crash the program.
- Fixed a problem that caused the program to crash when editing filter.
- Connection ID for qpdElectConnDimData attribute is now correctly updated.
- The number of variants shown on product card is now automatically updated when creating, deleting or copying variants.
- Several export/import fixes and improvements
- Negative values are no longer accepted in the count of vanes.



MagiCAD Create 2019.9 – Release notes

New features

Single Product Mode now supports third party RFAs.

New product classes

Pipe tap and drainage N-branch have been added.

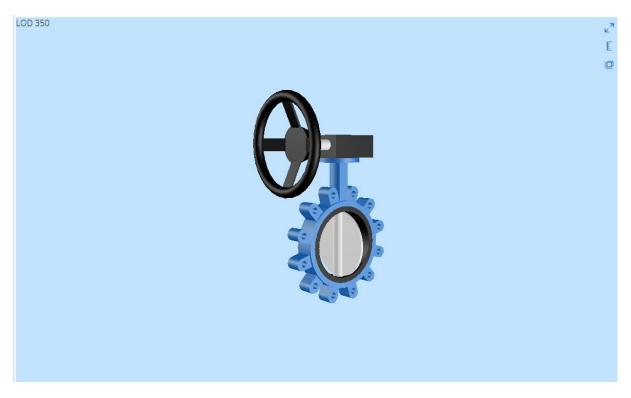


MagiCAD Create 2019.5 – Release notes

New features

Level of Detail (LOD) support

MagiCAD Create now support different detail modes for models. The program will show the highest available detail mode. Current detail mode is shown in the upper left corner of the the model.



Constant Pressure Valve

New subtype of zone valve, constant pressure valve has been added:





Pressure independent valv Interpolation allowed

+ Advanced

Inlet pressure

Max inlet pressure

Outlet pressure

Min outlet pressure	150	kPa
Max outlet pressure	600	kPa
Factory pressure (default value)	400	kPa

Flow

N 41 - E	
MUD TI	-100
141111111	U • • •

Max flow

0	l/s
2	l/s

1600

kPa

Pressure limits

Min pressure difference (between inlet/outlet)

100	kPa
10	

Max pressure ratio



Ducts Series and Fittings

Ducts series and fittings have been added:

Ventilation (19) >	Air Terminal Devices (1) >	Duct bend (2)	Duct S-part (2)	Duct T-branch (2)	Duct plug (0)
Piping (4) >	Air Handling Equipment (0) >			~	
Electrical (0) >	Flow dampers (0) > Climate control devices (4) >	Duct (0)	Duct joint (2)	Duct X-branch (2)	
Tele, Data, and Building Automation (0) >	Components (0) >	Duct tap (0)	Duct reducer (2)	Duct Y-branch (2)	
	Duct series and fittings (14) >				

Cable Tray Series and Fittings

Cable tray series and fittings have been added:

Ventilation (19) >	Electrical (0) >		Cable Tray Bend (0)	No.	Cable Tray X-Branch (0)	40	Cable Tray Reducer (0) Cable Tray Segment (0)
Piping (4) >	Cable Tray Series and Fittings (0) >			4			
Electrical (0) >	Conduit Series and Fittings (0) >	Ð	Cable Tray Vertical Bend (0)	5	Cable Tray T-Branch (0)		Cable Tray Union (0)
Tele, Data, and Building Automation (0) >							

Conduit Series and Fittings

Conduit series and fittings have been added:

Ventilation (19) >	Electrical (0) >	7	Conduit Bend (0)		Conduit T-Branch (0)	٢	Conduit Union (0)
Piping (4) >	Cable Tray Series and Fittings (0) >	m	19	~		0	
Electrical (0) >	Conduit Series and Fittings (0) >	Ę	Conduit X-Branch (0)	0	Conduit Reducer (0)	6/	Conduit Segment (0)
Tele, Data, and Building Automation (0) >							

Single Product Mode

MagiCAD Create can now be launched from MagiCAD to edit single products.

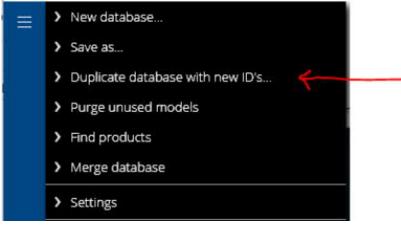


MagiCAD Create 2019.3 – Release notes

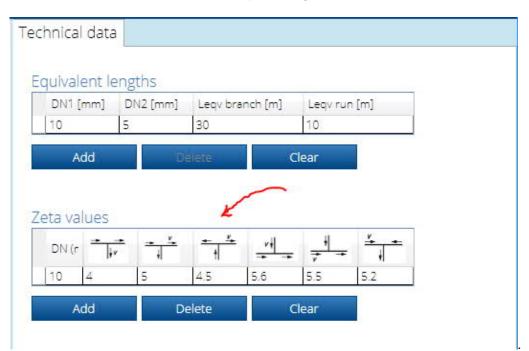
New features

Duplicate database with new new ID values

The whole database can be copied so that new ID values are created for every product and variant. The Database duplication can be started from the main menu:



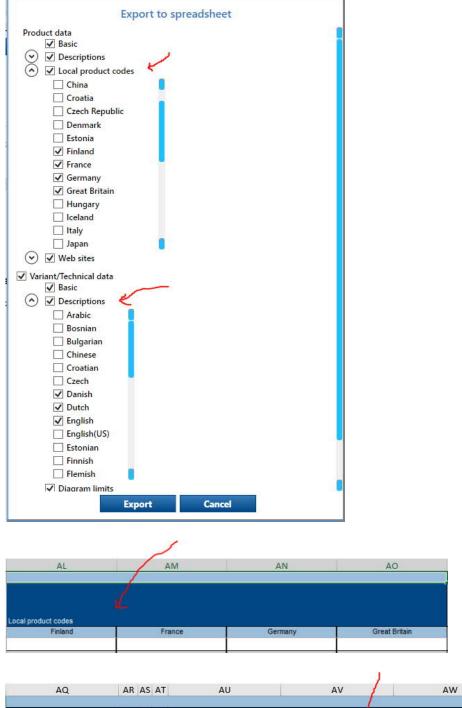
Zeta values have been added to Pipe fittings





The 'Export products to spreadsheet' feature extended

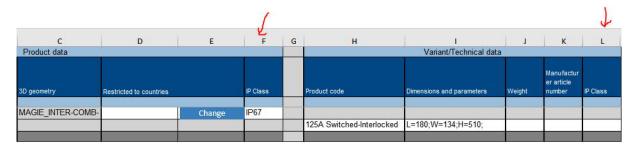
Local product codes and Variant descriptions can be exported now:



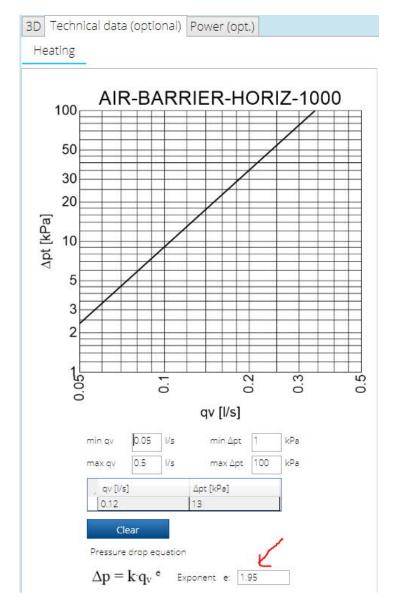
60 characters.	
Dutch	English (mandatory)
	1
6	



IP-Class has been added to the basic export data in Electrical products:



The exponent value for the pressure drop equation has been added also to the **Fan Coil Unit** and **Other device** product classes:



MagiCAD Create 2019.1 – Release notes

Database groups improved

In this release, several database groups can be selected and the selected groups can be deleted in the **Database groups** dialog.

Also, the current operations in the **Database groups** dialog can be cancelled:

er groups pe in group description and press Enter Generic Group 1 - 1 (27) Group 2 - 1 (11) Group 3 - 1 (11) Group 3 - 1 (11) Add database group Remove database group Rename database group	Filter products	
Generic Group 1 Group 2 Group 2 - 1 (11) Group 3 Group 3 - 1 Ungrouped p Remove database group	x	
Group 1 Group 2 Group 2 - 1 (11) Group 3 Group 3 - 1 (11) Ungrouped p Add database group Remove database group		1
Group 1 Group 2 Group 2 - 1 (11) Group 3 Group 3 - 1 (11) Ungrouped p Add database group Remove database group	0 products in th	ne selected group
Group 1 - 1 (27) Group 2 Group 2 - 1 (11) Group 3 Group 3 - 1 (11) Ungrouped p Remove database group		<u></u>
Group 3 Group 3 - 1 (11) Ungrouped p Add database group Remove database group		
Ungrouped p Add database group Remove database group		
Rename database group		
ADD DELETE	ENAME	



Validation improvements

Single curve is not acceptable in adjustable ventilation products.

Import products from spreadsheet - corrections

Fan speed changes are now handled correctly when importing **Air Handling Equipment** products.

Diagram limits are now exported correctly for Air Handling Equipment products.

Product selection improvements

The last, partially visible product at the end of the product list can now be selected as easily as all other products in the product list.

After the copy, the copied product is now always selected and visible at the product list.



MagiCAD Create 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:

MagiCreate 2018.10	C:\Databases\qpd_product\Generic_18f.qpd	
> New database	omponents (138) >	
> Save as	re suppression (538) >	
> Purge unused models	as devices / components (26) >	
> Find products	adiators (74) >	
> Merge database	ump (19) >	
> Settings	imate control devices (222) >	

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



🖻 Ma	agiCreate 2018.10	C:\Databases\q	pd_product\Generic_18f.qpd	
Ξ	Database	Ventilation (433) >	Components (138) >	Manhole & R
	Generic_18f	Piping (1386) >	Fire suppression (538) >	1
	Carls in the set	Electrical (730) >	Gas devices / components (26) >	Drainage dev
		Tele, Data, and Building Automation (322)	Radiators (74) >	8
			Pump (19) >	Domestic wa
			Climate control devices (222) >	Drainage con
			Plumbing terminals / components	(184) >
			Other devices (11) >	Find products
			other devices (11)	Export products
			Substations (51) >	Replace 3D geometry
			Shunts (120) >	Merge database

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

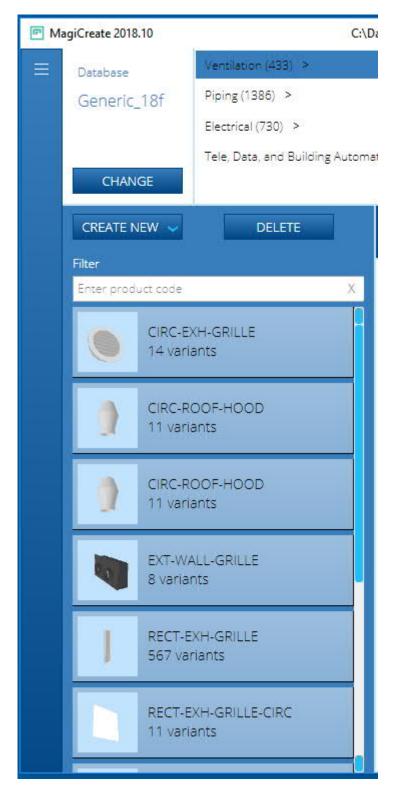
Find products	
ilter	
bat	
BATHTUB-1-1580	
BATHTUB-1-1680	
BATHTUB-2-1300	
BATHTUB-2-1500	
BATHTUB-2-1600	
BATHTUB-3-1700	
BATHTUB-4-1200	
BATHTUB-4-1500	
BATHTUB-4-1700	
BATHTUB-WITH-COVER	
Bath and shower mixer-DN12	
Bath and shower mixer-DN15	

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



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.

🖻 M	agiCreate 2018.10	C:\Databases\q	pd_product\Generic_18f.qpd			
	Database	Ventilation (433)	Air Terminal Devices (105) >	A Out	door exhaust air device (10)	Litdoor supply
	Generic_18f	Piping (1386) > Electrical (730) >	Air Handling Equipment (53) > Flow dampers (6) >		Find products Export products Replace 3D geometry	ply air devic
		Tele, Data, and Building Automation (322)	Climate control devices (222) >		Merge database	
	CHANGE		Components (47) >		_	

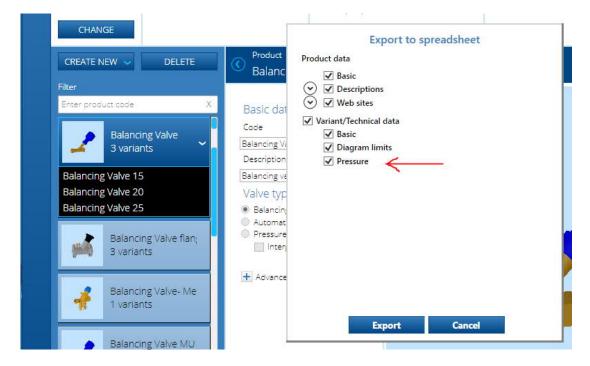
When selecting **Merge database** on the context menu, the selection dialog will open with a whole list of the products at the selected level. All products on the list can be selected, or if needed, only the ones that need to be merged.

Select products to be merged
Filter
Select All
CIRC-EXH-GRILLE
CIRC-ROOF-HOOD
EXT-WALL-GRILLE
RECT-EXH-GRILLE
RECT-EXH-GRILLE-CIRC
RECT-ROOF-HOOD
Roof Hood-Rect-Flattop
Roof Hood-Rect-Sharptop
OK Cancel



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/T	echnical dat	a	
Pressure data Adjustment	with volume c	ontrol 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/Te	echnical data				
Kvs values			Differential pres	Differential pressure range	
Flow	Pressure drop	Kv	PressureMin	PressureMax	
0.027777	1	1	1	100	

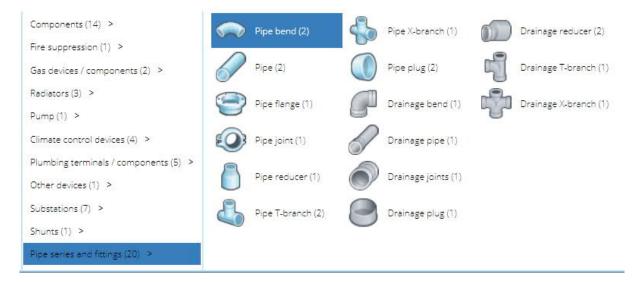


MagiCAD Create 2018.6 – Release notes

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.

		60
CHANGE	Export to spreadsheet Product data	
CREATE NEW DELETE Filter Enter product code X Image: Second state	 Basic Descriptions Web sites Variant/Technical data Basic Diagram limits Pressure 	ir F
ball-valve-thread-DN20	Export Cancel	va

Variant/Te	echnical da	ta					
Manufactur er 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

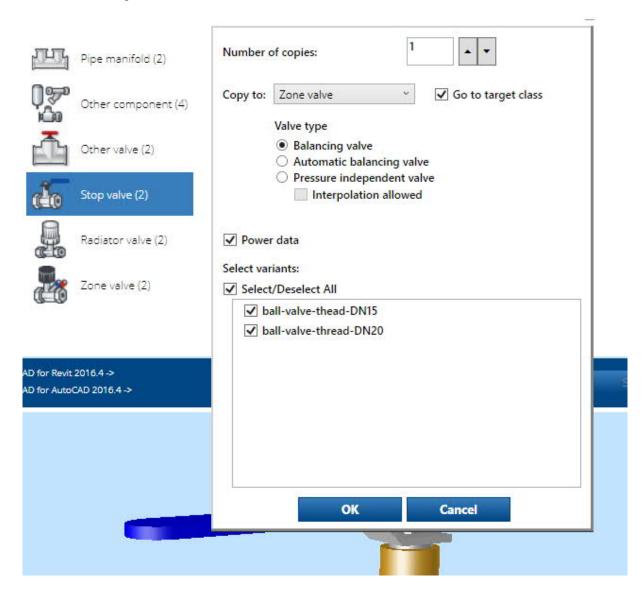
Equivalent length values can be added for every pipe size:

chnical data		
Pipe sizes		
Size	Din	Dout
40	40	45
50	50	55
Add	Delete	Clear
Roughness for p Roughness for f	resh water	0.15
Hazen-Williams		
–] Data for flex Equivalent	ible sprinkler pipes ength, DN Size	:: 50
Data for flex Equivalent Pipe length [ength, DN Size	r: 50 quivalent length [mm]
Data for flex Equivalent l	ength, DN Size	r: 50 quivalent length [mm] 80



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**.

gs (20)	>	CECO Zone v	alve (2)			
	(\mathbf{N})	giCAD for Revit 2016.4 -> giCAD for AutoCAD 2016.				
3D	Technical data (optional) Power (opt.)					
Pov	ver supply	/				
Phas	e	● 1~ ○ 2~ (○ 3~			
Voltage		220	V			
Active power		60	W			
Nom	inal current	0.2	A			
cos Ø		0				
		Clear				



MagiCAD Create 2018.3 – Release notes

New features

Luminous flux

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

	t (389) 1 (75)
′N-4X100\ [©] №	lagiCAD for Revit 20 lagiCAD for AutoCAI
464	W
4x100	1
	ox (55) Switch N-4X100



Support for Air Terminal Devices with more than 1 duct connections

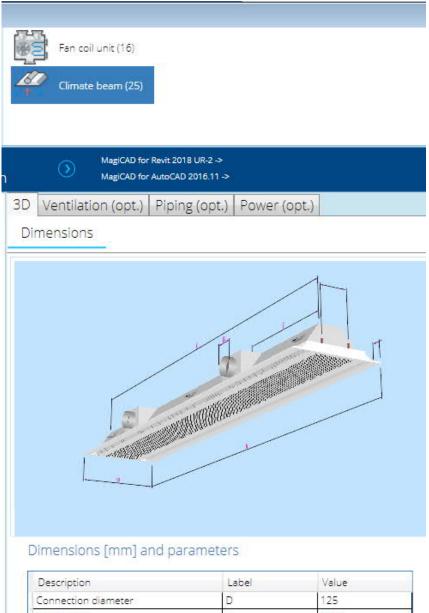
The amount of duct connections can be changed:

Terminal Devices (64) >	Outdoor exha	ust air device (0)	Outdoor supply ai
Handling Equipment (0) >		V	5
w dampers (29) >	Extract air dev	ice (58)	Supply air device (
mate control devices (134) >			s needs o
mponents (376) >			
nponents (576)			
	MagiCAD for Revit 2018 MagiCAD for AutoCAD 20		
Ventilation (opt.) Power	(opt.)		
Dimensions			
FON W			
	meters		
Dimensions [mm] and para	imeters	Value	
Dimensions [mm] and para	imeters	Value 1707	
Dimensions [mm] and para	Imeters	1797	
Dimensions [mm] and para Description Diffuser length Diffuser width	Imeters Label A B	1797 200	
Dimensions [mm] and para	Imeters Label A B D	1797 200 200	
Dimensions [mm] and para Description Diffuser length Diffuser width	Imeters Label A B	1797 200 200 276	
Dimensions [mm] and para Description Diffuser length Diffuser width	Label A B D H J	1797 200 200 276 270	
Dimensions [mm] and para Description Diffuser length Diffuser width Duct diameter	Imeters Label A B D H J L	1797 200 200 276 270 115	
Dimensions [mm] and para Description Diffuser length Diffuser width	Label A B D H J	1797 200 200 276 270	



Support for Climate beam with more than 1 duct connections

The amount of duct connections can be changed:



Description	Laber	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	



MagiCAD Create 2017.12 – Release notes

New features

Modelling of Access panel

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

💌 Ma	giCreate 2017.12				
Ξ	Database APanelTest CHANGE	Ventilation (18) > Piping (0) > Electrical (0) > Tele, Data, and Building Automation (0) >	Air Terminal Devices (0) > Air Handling Equipment (0) > Flow dampers (0) > Climate control devices (0) > Components (18) >	Fire damper (0) Silencer (0) Other duct component (0) Access panel (18)	н
	CREATE NEW 🖌	DELETE OProduct ACCESS P.	ANEL CAP	MagiCAD for Revit 2017.11 -> UNDO MagiCAD for AutoCAD 2014.11 ->	SAVE
	Enter product code	cap Component Cap © Circular duct	ssian) type		د» و



The 'Export products to spreadsheet' feature extended

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



		Export to	o sprea	adsheet	
Produc	t data				
	Basic				
۷	Descrip	tions			
🕑 🖪	Web sit	es			
Var	iant/Tech	nical data			
	Basic				
	Diagran	n limits			
	1	Export		Cancel	



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.

Database groups		
-ilter groups	Filter products	
Type in group description and press Enter	X	J
	47 products in the selected grou	p.
 Generic GROUP ONE (9) GROUP TWO SUB GROUP (6) Ungrouped products (47) 	(new product) (new product) (new product) (new product) (new product) (new product) ACCESS PANEL CAP BEAM3-COOL-ALLTOP-REC CEILING-LAMP-* COVER-SOCKET-ceiling EKA	
ADD DELETE R	ËNAME Export Import	-



MagiCAD Create 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**.

🖪 Mag	iCreate 2017.10						
	Database 2017_04TEST	Ventilation (12) Piping (45) >	>	Electrical (25) >		Luminaire (21) Socket (1) Export products	Heater (0)
	2017_041251	Electrical (25) >			- Ö	C Replace 3D geometry	Equipment (0)
	CHANGE	Tele, Data, and B	Building Automation (1) >		-	Merge database	
	CREATE NEW 🗸	DELETE	C Product LUMIPRODUC	ТΙ	۲	MagiCAD for Revit 2013.11 -> MagiCAD for AutoCAD 2014.11 ->	UNDO SAVE



Extended Descriptions and Market area codes and websites

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

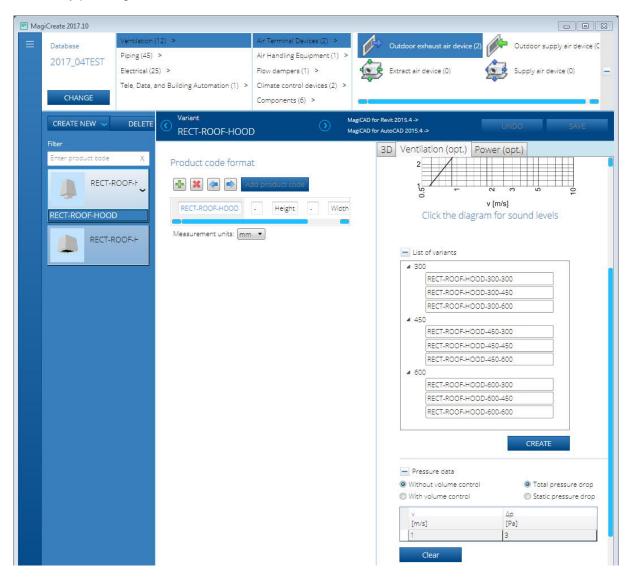
Language	Description
Chinese	排气罩, 矩形连接
Swedish	Swedish desc
Russian	Russian desc
French	French desc
English	Exhaust air cowl, rectangular connection
English(US)	English description
Arabic	
Bosnian	
Bulgarian	
Croatian	
Czech	
Danish	
Dutch	
Estonian	
Finnish	
Flemish	
German	
Hungarian	
lcelandic	
Italian	
lapanese	

Market area	Website	Code	Availat
Russia	www.r.com	market area code for russian markets	
Great Britain	www.gb.com	market area code for GB markets	
Bosnia and Herzegovina			
Bulgaria			
China			
Croatia			
Czech Republic			
Denmark			
Estonia			
Finland			
France			
Germany			
Hungary			
Iceland			
Italy			
Japan			
Latvia			
Lithuania			
Norway			
Poland			
Dortural			



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:

۲	MagiCAD for Revit 2019 MagiCAD for AutoCAD
	Advanced 💻
8	MORE
	3

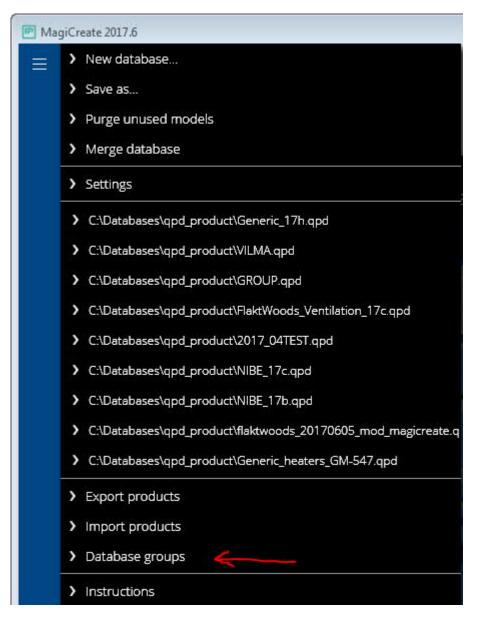


MagiCAD Create 2017.6 – Release notes

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.

4 Generic	
 Active beams 	
 Recessed installation 	
All top connections (3)	
Duct side connection (27)	
Duct top connection (10)	
 Surface installation 	
All top connections (3)	
Duct side connection (24)	
Duct top connection (10)	
AHUs (11)	
AHUs Extract and exhaust (4)	
AHUs Supply and outdoor (10)	
Air curtains (4)	
Air separators (1)	
Air valves (8)	
Alarm valves (2)	
Alarms (13)	
Angled radiator valves (1)	
Balancing valves (11)	
Ball valves (5)	
Basins (9)	
Bathtubs (16)	
Butterfly valves (10)	
Cabinet (11)	
Cabinet (3)	
Camera (14)	
Casette fancoils	
Ceiling (10)	
Ceiling (5)	
Ceiling surface	
Ceiling-Socket Outlet recessed (18)	
Ceiling-Socket Outlet surface (6)	
Centrifugal fans (18)	
Changeover Switches (2)	
Check valves (5)	



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

	Database groups
	24 products
▲ Generic	BEAM1-COOL-HEAT-OPP-S-SURF
Active beams A Recessed installation	BEAM1-COOL-HEAT-SAME-S-SURF
All top connections (3)	BEAM1-COOL-SAME-S-SURF
Duct side connection (27) Duct top connection (10)	BEAM1-HEAT-OPP-S-SURF
 Surface installation 	BEAMIT-REAT-UPP-3-SURF
All top connections (3)	BEAM1-HEAT-SAME-S-SURF
Duct side connection (24)	BEAM2-COOL-HEAT-SAME-S-SURF
Duct top connection (10) AHUs (11)	BEAM2-COOL-HEAT-TOP-SURF
AHUs Extract and exhaust (4)	
AHUs Supply and outdoor (10)	BEAM2-COOL-SAME-S-SURF
Air curtains (4)	BEAM2-HEAT-OPP-S-SURF

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

	Database groups
	6 products
 NewDatabase Undefined (6) 	CIRC-ROOF-HOOD
	CIRC-ROOF-HOOD(1)
	KITCHEN-HOOD
	RECT-OUTD-GRILLE
	RECT-ROOF-HOOD
	FRESH-VALVE-CIRC-CI



Manufacturer name abbreviation

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

Settings Check for updates automatically Check for updates	
Manufacturer NewDatabase	Website
Manufacturer name abbreviation	
Database password	☑ Use templates with new products
Online product database locations	
Default language	User interface language
English	English
ОК	Cancel

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



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

Dimensions:

Dimensions Service a	irea		
		Ē	Ē
	a		
Dimensions [mm] and p		AGIV_AHU_C_CC	OMB_SIDE_00
Dimensions [mm] and p		AGIV_AHU_C_CC	OMB_SIDE_00
	parameters		OMB_SIDE_00
Description	barameters Label	Value	DMB_SIDE_00
Description Supply duct size	Darameters Label DSUP	Value 160	DMB_SIDE_00
Description Supply duct size Outdoor duct size	Darameters Label DSUP DOUT	Value 160 160	DMB_SIDE_00
Description Supply duct size Outdoor duct size Extract duct size	Darameters Label DSUP DOUT DEXT	Value 160 160 160	DMB_SIDE_00
Description Supply duct size Outdoor duct size Extract duct size Exhaust duct size	Darameters Label DSUP DOUT DEXT	Value 160 160 160 160	DMB_SIDE_00

Service area:

		d.
-		
	AGIV_AHU_C_CC	MB_SIDE_0
id parame	ters	MB_SIDE_0
id parame .abel	ters Value	MB_SIDE_0
id parame Label ZONF	ters Value 75	DMB_SIDE_0
id parame .abel	ters Value	DMB_SIDE_0
id parame Label ZONF	ters Value 75	DMB_SIDE_C
nd parame .sbel .ZONF .ZONB	Value 75 75 75	DMB_SIDE_C
nd parame Label IZONF IZONB IZONL	Value 75 75 75 75 75	OMB_SIDE_0
id parame .abel .ZONF .ZONB .ZONL .ZONR	ters Value 75 75 75 75 75 75	DMB_SIDE_0
		-

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



MagiCAD Create 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.

🖻 Mag	giCreate 2017.4	-	-		
	Database	Ventilation (356) >	Air Terminal Devices (89) >	Fan coil units (80)	
	Generic_16p	Piping (959) >	Fans / Air handling units (51)		
	Generic_Top	Electrical (539) >	Flow dampers (7) >	Climate beams (98)	-
		Tele, Data, and Building Automation (167)	Climate control devices (178)	Export products	
	CHANGE		Components (31) >	Replace 3D geometry	_
	CREATE NEW	DELETE		Merge database	
	CREATE NEW V	BEAM1-CO	OL-DTOP-REC	MagiCAD for AutoCAD 2012.11 ->	SAVE

Modelling of Pipe series and fittings

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

🖪 Mag	iCreate 2017.4								
	Database	Ventilation (30) > Piping (17) >	Components (6) > Fire suppression (0) >	8	Pipe (1)	Pip Pip	e T-branch (0)		Drainage reducer (0)
	2017_04TEST	Electrical (2) >	Gas devices / components (0		Pipe bend (2)	Pip Pip	e X-branch (0)	r.	Drainage T-branch (0)
		Tele, Data, and Building A	uti Radiators (1) > Pumps (1) >	9	Pipe flange (0)		ainage pipe (0)	ŵ	Drainage X-branch (0)
			Climate control devices (4)	0	Pipe joint (0)	Dre Dre	ainage bend (1)	0	-
			Plumbing terminals / compor Other devices (1) >		Pipe plug (0)	Dra	ainage joint (0)		
			Substations (0) > Shunts (0) >	ñ	Pipe reducer (0)		ainage plug (0)		
	CHANGE		Pipe series and fittings (4) >	0		\cup			
	CREATE NEW 🐱	DELETE	Variant (new product)			ND for Revit 2014. ND for AutoCAD →		UNDO	SAVE
	Filter		(new product)			1			
	Enter product code	X.	Product code format			Technical	data		
	(new p	product)	🛃 🗶 두 🛋 🗚 da pr	odlicticod	e	Pipe siz	zes		
						Size	Din	1	Dout
	(new product)		(new product) - Dia	meter		2	3		4
						99	44		55 3
						4	9		4
						Ac	id	Deliette	Clear
						Material c	ode	XXX	-20097
						Roughnes	ss for piping	0.0	05
						Roughnes	ss for fresh water	1	
						Hazen-Wi	iliams factor	0	



Modelling of Combination boxes

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

MagiCreate 2017.4				
Database Ventilation (0)	> Electrical (18) >	Luminaires (0) Sockets (1)	Radiators (0)	Cther devices (0)
2017-01-30 cc Electrical (18) CHANGE Tele Data an	>	Boxes (0) Switches (0)	Equipment (0)	Combination boxes (17)
CREATE NEW V DELETE	Variant Cover frame 1+1, horizontal	MagiCAD for Revit 2013.11 → MagiCAD for AutoCAD 2014.11 →	U	NDO) - SAVE
Enter product code	X Basic data	3D		
Course from a 111 by	Code			^ع م
Cover frame 1+1, ht	Cover frame 1+1, horizontal			E
Cover frame 1+1, horizontal	Advanced 🛨			١ <u>Ø</u>
Cover frame 1+1, ve		Ŧ		
Cover frame 1+2, hc				
Cover frame 1+2. ve				

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.

💽 Mag	iCreate 2017.4				
	Database	Ventilation (356) >	Air Terminal Devices (89) >	Fan coil units (80)	
1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	Generic_16p	Piping (959) >	Fans / Air handling units (51)		
	Generic_Top	Electrical (539) >	Flow dampers (7) >	Climate beams (98)	-
		Tele, Data, and Building Automation (167)	Climate control devices (178)		
	CHANGE		Components (31) >		



MagiCAD Create 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).



	Exp	port to s	pread	Isheet	
Produc	t data				
	Basic				
	Description	ns			
🕑 🖪	Web sites				
V 1	/ariant/Techi	nical data			
	Basic				
	Pressure				
R	Sound				
	Power				
	1			Consel	
	EX	port		Cancel	



Merge database

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



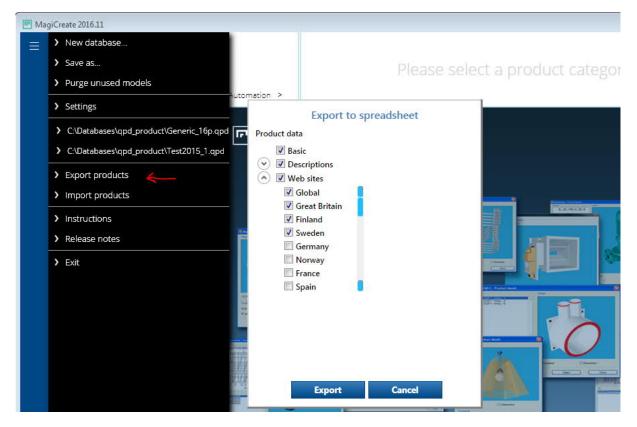


MagiCAD Create 2016.11 – Release notes

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):



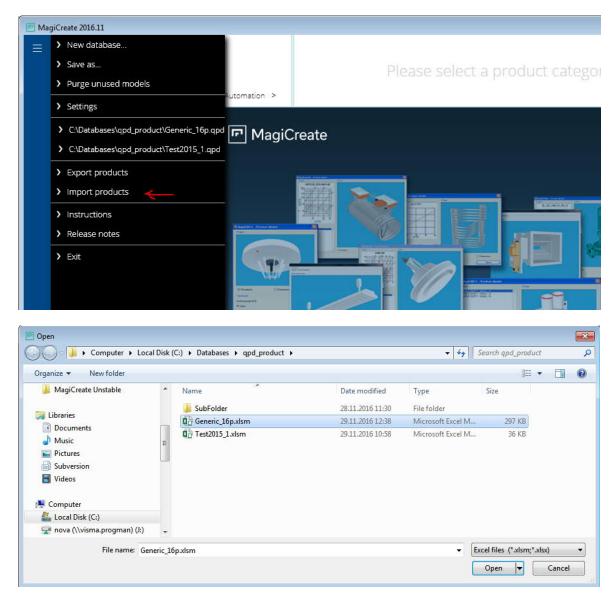
The data can be modified and supplied in the spreadsheet:

4	A	В	C	D	E	F	G	н
	MagiCreate							
м	lagiCAD product type	Product code	3D geometry	Restricted to countries		Short product description. Max. 60 charac	ters.	
2						English (mandatory)	German	French
3 E	Exhaust air terminal devices	CIRC-EXH-GRILLE	MAGIV_CIRC-OUTD-	China, Denmark, Finland, Germany, Great	Change	Weather protection grille, circular	German description	French description
E	Exhaust air terminal devices	CIRC-ROOF-HOOD	MAGIV_CIRC_ROOF_		Change	Exhaust air cowl, circular		
; E	Exhaust air terminal devices	EXT-WALL-GRILLE	MAGIV_EXT-WALL-	Estonia, Finland, France	Change	External wall grille for exhaust		
E	Exhaust air terminal devices	RECT-EXH-GRILLE	MAGIV_RECT_EXH_G		Change	Weather protection grille,		
7 E	Exhaust air terminal devices	RECT-EXH-GRILLE-CIRC	MAGIV RECT GRIL C		Change	Weather protection grille for circular	r	
		DEAT DOOF HOOD	MACON DEAT DOOF					



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:

Import report		
Database: Generic_16p		
Product code and type	Attribute name	Values
CIRC-EXH-GRILLE Exhaust air terminal devices	French description	Current: New: French description
	Restricted to countries	Current: New: China,Denmark,Finland,Germany,Great Britain
EXT-WALL-GRILLE Exhaust air terminal devices	Restricted to countries	Current: New: Estonia,Finland,France
		Accept Discard



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:

MagiCreate 2016.11			
Database Ventilation >	Air Terminal Devices > Exhaust air terminal de	wices 🔑 Outdo	or air terminal devices
Generic_16p Piping > Electrical >	Fans / Air handling units > Flow dampers > Extract air terminal dev	ires Supply	/ air terminal devices
Tele, Data, and Building Automation >	Indoor climate devices >		Export products
CHANGE	Components >		Replace 3D geometry
Replace	3D geometry		
From:			
MAGIV-C-DIFF-RECT-PLATE_001		E	
MAGIV_C-DIFFUSER-PB_001			
MAGIV_CIR-DIF-BIG-ARFL_Q13_001		ī	
MAGIV_CIR-DIF-BOX-S-C_Q13_002			
MAGIV_CIRC-OUTD-GRIL_Q13_001			
MAGIV_CIRCCEILCOLVALVE_Q13_001			
MAGIV_CIRCROOFHOOD_Q13_001			
MAGIV_CIRC_ROOF_HOOD_Q13_001			
MAGIV_CIRDIFBOX-TOPC_Q13_001			
To: ADD FROM BROWSER ADD FROM FIL	E		
MAGIV-C-DIFF-RECT-PLATE_001		E	
MAGIV_C-DIFFUSER-PB_001			
MAGIV_CIR-DIF-BIG-ARFL_Q13_001		1Ø	
MAGIV_CIR-DIF-BOX-S-C_Q13_002			
MAGIV_CIRC-OUTD-GRIL_Q13_001			
MAGIV_CIRCCEILCOLVALVE_Q13_001	and a participation of		
MAGIV_CIRCROOFHOOD_Q13_001			
MAGIV_CIRC_ROOF_HOOD_Q13_001			
MAGIV_CIRDIFBOX-TOPC_Q13_001			
ок	Cancel		



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.

Replace 3D geometry	
From:	MAGIV_C-DIFFUSER-PB_001
To:	MAGIV_CIR-DIF-BOX-S-C_Q13_002
Remove unused 3D geometry	
Select/Deselect /	021
 Extract air terminal devices 	
Select/Deselect All	
RECT-DIFF-BOX-SIDE	
Supply air terminal devices	
V Select/Deselect All	
CEIL-DIFF-PB-S	
CEIL-DIFF-PB-T	
RECT-DIFF-BOX-SIDE	
	125
4 products selected	
ОК	Cancel Copy to clipboard

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