MagiCAD Create

Release Notes



MagiCAD Create 2019.12 – Release notes

New features

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

Pipe sizes

Size	Din	Dout	
Add	Delete	(Clear
Material code		0	
Roughness for piping	3	0	
Roughness for fresh	water	0	
Hazen-Williams facto	r	0	
Thermal conductivity	7	0	W/mK
Flexible pipe			

+ Data for flexible sprinkler pipes

Fixes and improvements

- 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.

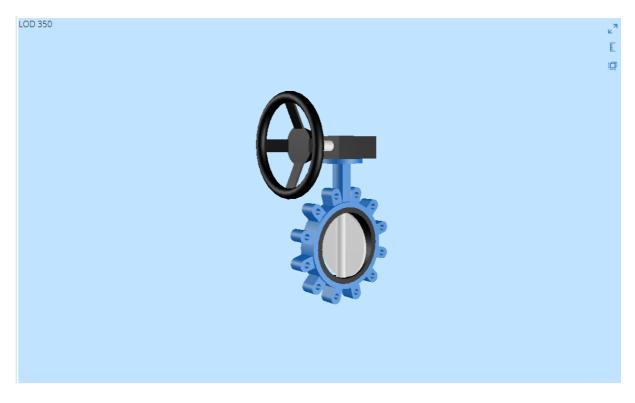


MagiCAD Create 2019.5 – Release notes

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:



Product

ConstantPressureValve

MagiCAD for Revit 2020 -> MagiCAD for AutoCAD 2020 ->

Basic data

Code

ConstantPressureValve

Description (English)

Valve type

- Balancing valve
- Automatic balancing valve
- Constant pressure valve
- Pressure independent valve
 - Interpolation allowed

+ Advanced

Inlet pressure

Max inlet pressure

Outlet pressure

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

value)

Flow

Min flow

Max flow

0	l/s
2	l/s

1600

kPa

Pressure limits

Max pressure ratio

Min pressure difference (between inlet/outlet)

100	kPa
10	



Ducts Series and Fittings

Ducts series and fittings have been added:

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

Cable Tray Series and Fittings

Cable tray series and fittings have been added:

Ventilation (19) >	Electrical (0) >	\bigcirc	Cable Tray Bend (0)		Cable Tray X-Branch (0)		Cable Tray Reducer (0) Cable Tray Segment (0)
Piping (4) > Electrical (0) >	Cable Tray Series and Fittings (0) > Conduit Series and Fittings (0) >	Di	Cable Tray Vertical Bend (0)	4	Cable Tray T-Branch (0)	6-0	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) >	5	Conduit Bend (0)		Conduit T-Branch (0)	٢	Conduit Union (0)
Piping (4) >	Cable Tray Series and Fittings (0) $>$						
Electrical (0) >	Conduit Series and Fittings (0) \geq	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.

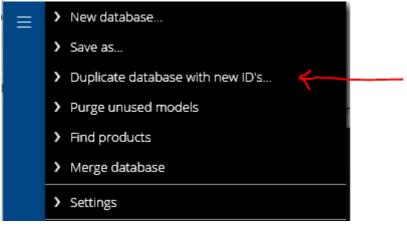


MagiCAD Create 2019.3 – Release notes

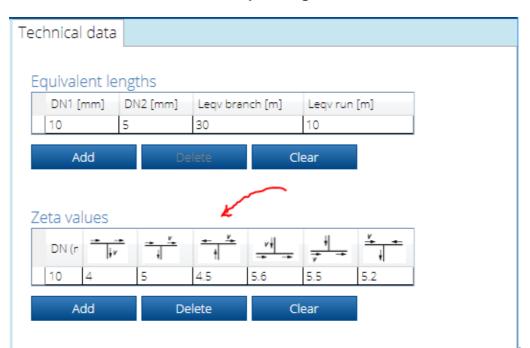
New features

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:



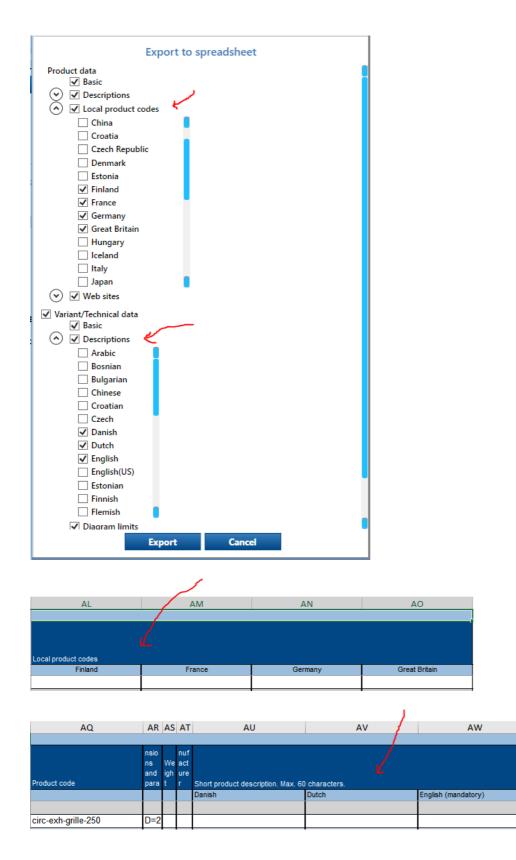
Zeta values have been added to Pipe fittings





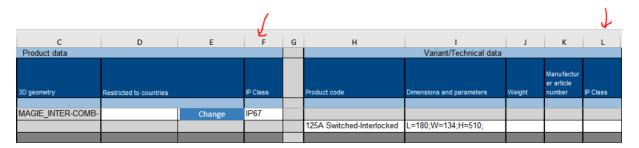
The 'Export products to spreadsheet' feature extended

Local product codes and Variant descriptions can be exported now:

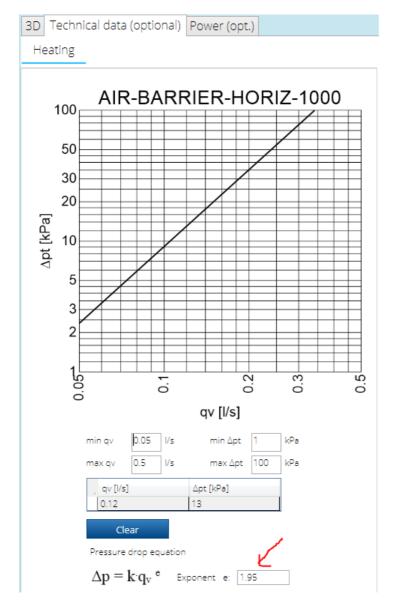




IP-Class has been added to the basic export data in Electrical products:



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:

Database groups	
Filter groups Type in group description and press Enter X	Filter products
 Generic Group 1 Group 2 Group 2 - 1 (11) Group 3 - 1 (11) Ungrouped p Remove database group Rename database group 	0 products in the selected group
ADD DELETE RENAME	Export Import



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		
≡	Database	Ventilation (433) >	Components (138) >		Manhole & R
	Generic_18f	Piping (1386) >	Fire suppression (538) >		
		Electrical (730) >	Gas devices / components (26)	>	Drainage dev
		Tele, Data, and Building Automation (322)	Radiators (74) >		Domestic wa
			Pump (19) >		Domestic wa
			Climate control devices (222) >		Prainage con
			Plumbing terminals / componen	nts (184) >	
			Other devices (11) >	Find pro	
					products
			Substations (51) >	Replace	3D geometry
			Shunts (120) >	Merge o	database

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

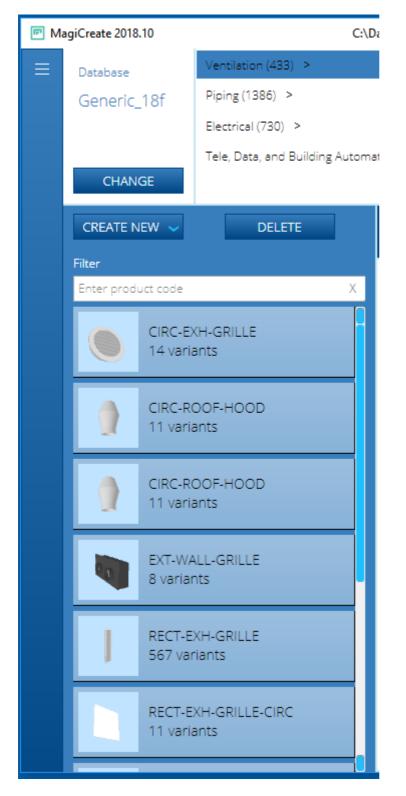
Find products	
Filter	
bat	
BATHTUB-1-1580	
BATHTUB-1-1680	
BATHTUB-2-1300	
BATHTUB-2-1500	
BATHTUB-2-1600	
BATHTUB-3-1700	
BATHTUB-4-1200	
BATHTUB-4-1500	
BATHTUB-4-1700	
BATHTUB-WITH-COVER	
Bath and shower mixer-DN12	
Bath and shower mixer-DN15	
OK Cancel	

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	od_product\Generic_18f.qpd	
\equiv	Database	Ventilation (433) >	Air Terminal Devices (105) >	Outdoor exhaust air device (10)
	Generic_18f	Piping (1386) >	Air Handling Equipment (53) >	Find products
		Electrical (730) >	Flow dampers (6) >	Extract al Export products ply air de Replace 3D geometry
		Tele, Data, and Building Automation (322)	Climate control devices (222) >	
	CHANGE		Components (47) >	

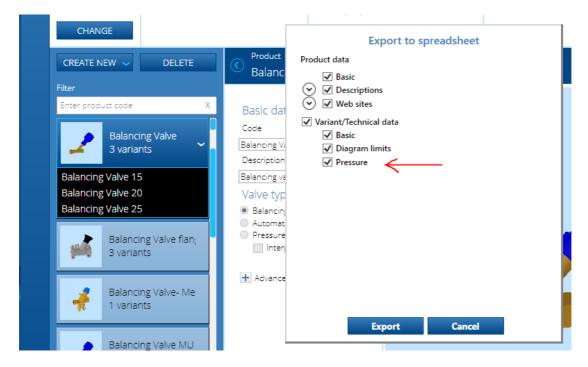
When selecting **Merge database** on the context menu, the selection dialog will open with a whole list of the products at the selected level. All products on the list can be selected, or if needed, only the ones that need to be merged.

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/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/Te	echnical data				
Kvs values			Differential pressure range		
Flow	Flow Pressure drop Kv			PressureMax	
0.027777	1	1	1	100	

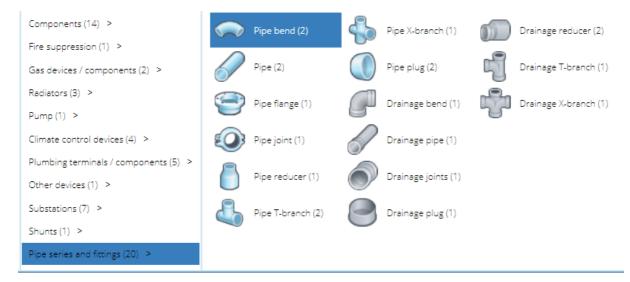


MagiCAD Create 2018.6 – Release notes

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.

CHANGE	Export to spreadsheet Product data
CREATE NEW V DELETE	Image: Second state Image: Second state Image: Second state Image: Second state
Enter product code X BALL-VALVE-THREAD	 ✓ Variant/Technical data ✓ Basic ✓ Diagram limits ✓ Pressure
ball-valve-thead-DN15 ball-valve-thread-DN20	
UUSI STOP VALVE	
	va
	Export Cancel

Variant/Technical data								
Manufactur er article number	icle			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	



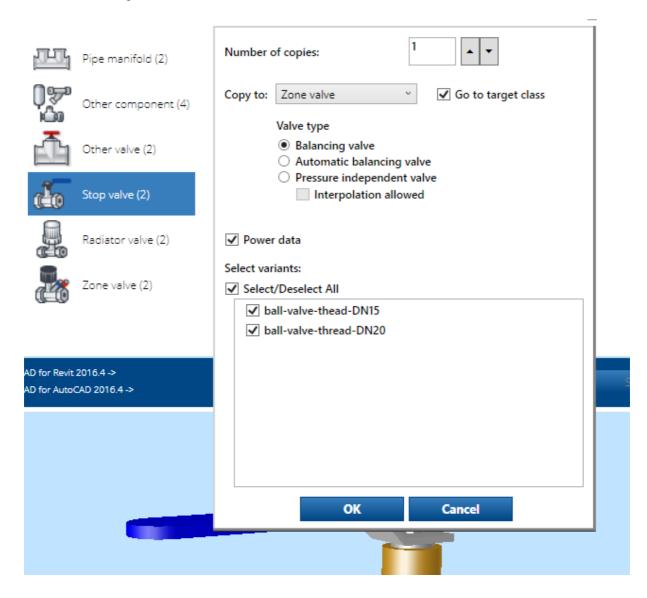
Support for equivalent lengths for sprinkler pipes

Equivalent length values can be added for every pipe size:

MagiCAD for Revit 2014.4 -> MagiCAD for AutoCAD not supported						
Technical data						
Pipe sizes						
Size	Din	Dout				
40	40	45				
50	50	55				
Add	Delete	Clear				
Material code						
Roughness for pipin	g	0.15				
Roughness for fresh	water	1				
Hazen-Williams facto	or	120				
Data for flexible	sprinkler pipes					
Equivalent length, DN Size: 50						
Pipe length [mm]	Equiv	alent length [mm]				
200						
300	350					
Add	Delete	Clear				



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**.

8	gs (20)	>		Zone v	alve (2)	
		(\mathbf{O})	giCAD for Revit giCAD for Auto(4->	
	3D	Technical	data (opt	ional)	Power (op	t.)
	Po	wer supply	/			
	Pha	ise	● 1~ ○	2~ () 3~	
	Volt	tage	220		V	
	Acti	ive power	60		W	
	Nor	minal current	0.2		A	
	cos	Φ	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:

Connection box (55		cket (389) /itch (75)
SED-SQUARE-DOWN-4		MagiCAD for Revit 20 MagiCAD for AutoCAI
3D Technical data (op	tional)	
Active power	464	W
Light source	4x100	
Luminous flux	8000	Im
R		



-

Support for Air Terminal Devices with more than 1 duct connections

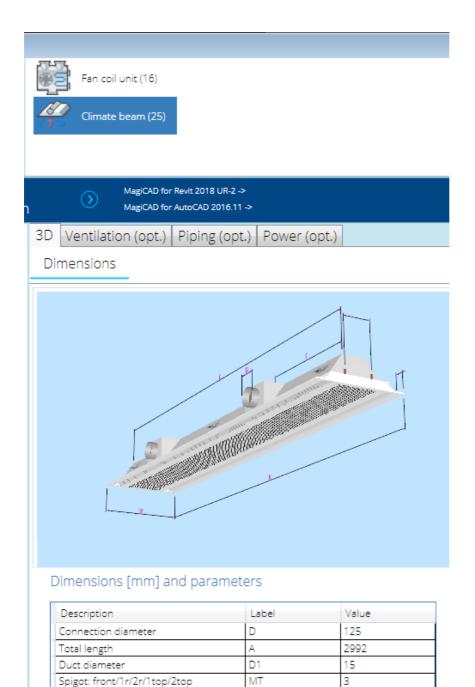
The amount of duct connections can be changed:

r Terminal Devices (64) > r Handling Equipment (0) >	Outdoor exhau	ust air device (0)	Outdoor supply air
ow dampers (29) >	Extract air devi	ce (58)	Supply air device (6
imate control devices (134) >		202	
omponents (376) >			
	MagiCAD for Revit 2018 - MagiCAD for AutoCAD 20		
D Ventilation (opt.) Power	(opt.)		
Dimensions			
	ar and and the state of the		
Dimensions [mm] and para		4	
		Value	
Dimensions [mm] and para	meters		
Dimensions [mm] and para	meters Label	Value	
Dimensions [mm] and para Description Diffuser length	meters Løbel A B D	Value 1797 200 200	
Dimensions [mm] and para Description Diffuser length Diffuser width	meters Label A B	Value 1797 200 200 276	
Dimensions [mm] and para Description Diffuser length Diffuser width	Meters Label A B D H J	Value 1797 200 200 276 270	
Dimensions [mm] and para Description Diffuser length Diffuser width	Meters Label A B D H J L	Value 1797 200 200 276 270 115	
Dimensions [mm] and para Description Diffuser length Diffuser width	meters Label A B D H J L M	Value 1797 200 200 276 270 115 600	
Dimensions [mm] and para Description Diffuser length Diffuser width Duct diameter	Meters Label A B D H J L	Value 1797 200 200 276 270 115	



Support for Climate beam with more than 1 duct connections

The amount of duct connections can be changed:



MT2

1: cooling 2:heating 3: c&h

2



MagiCAD Create 2017.12 – Release notes

New features

Modelling of Access panel

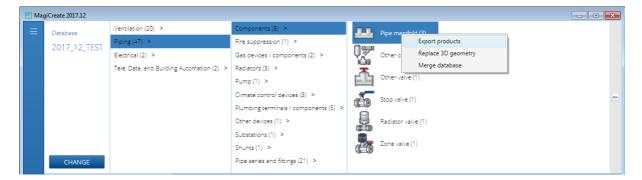
The modelling of Access panel has been added in this release.

🖻 Ma	giCreate 2017.12							x
≡	Database APanelTest CHANGE	Ventilation (18) > Piping (0) > Electrical (0) > Tele, Data, and Build	ing Automation (0) >	Air Terminal Devices (0) > Air Handling Equipment (0) > Flow dampers (0) > Climate control devices (0) > Components (18) >	Fire damper (0)	encer (0) cess panel (18)		
	CREATE NEW 🗸	DELETE	Product ACCESS PA	NEL CAP	MagiCAD for Revit 2017 MagiCAD for AutoCAD 2	UN	DO SAVE	
	Enter product code	cap)-cap cap	Basic data Code ACCESS PANEL C Description (Russ Component 1 © Circular duct © Rectangular du	ian) ype				™ LE IQI



The 'Export products to spreadsheet' feature extended

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



Export to spreadsheet
Product data
 Basic Descriptions Web sites
 Variant/Technical data Basic Diagram limits
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 gro	oups
Filter groups Type in group description and press Enter	Filter products
	47 products in the selected group
 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
	EEAA
ADD DELETE OK	RENAME 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	jiCreate 2017.10							
	Database 2017_04TEST	Ventilation (12) Piping (45) >	>	Electrical (25) >	با 🧼	minaire (21) Socket (1) Export products	Heater (0)	
		Electrical (25) >			- O c	Replace 3D geometry	Equipment (0)	
	CHANGE	Tele, Data, and E	uilding Automation (1) >			Merge database		
	CREATE NEW 🗸	DELETE	Product LUMIPRODUCT	ГІ	٥	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:

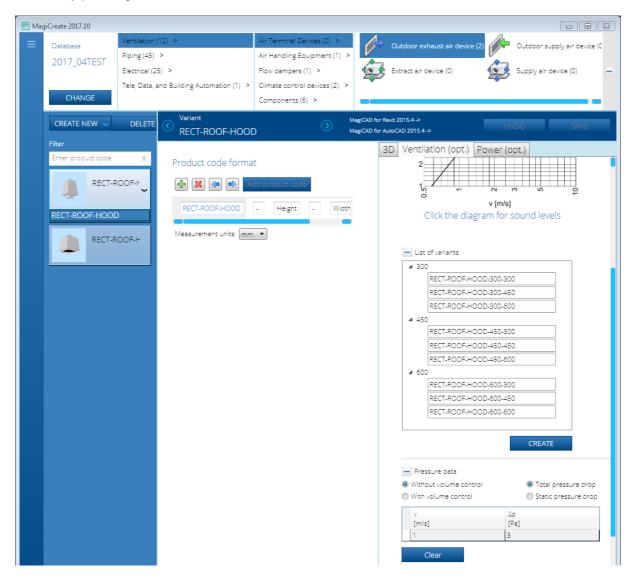
Language	Description
Chinese	排气 罩 ,矩形连接
Swedish	Swedish desc
Russian	Russian desc
French	French desc
English	Exhaust air cowl, rectangular connection
English(US)	English description
Arabic	
Bosnian	
Bulgarian	
Croatian	
Czech	
Danish	
Dutch	
Estonian	
Finnish	
Flemish	
German	
Hungarian	
Icelandic	
Italian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

Market area	Website	Code	Availabl
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			
lceland			
Italy			
Japan			
Latvia			
Lithuania			
Norway			
Poland			
Dortugal			



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:

Variant rect-roof-hood-1100x1100	\bigcirc	MagiCAD for Revit 2015 MagiCAD for AutoCAD 2
Basic data		
Code		
rect-roof-hood-1100x1100		
		Advanced 💻
Description (English)		
		MORE
Manufacturer article number:		
Weight [kg]:		

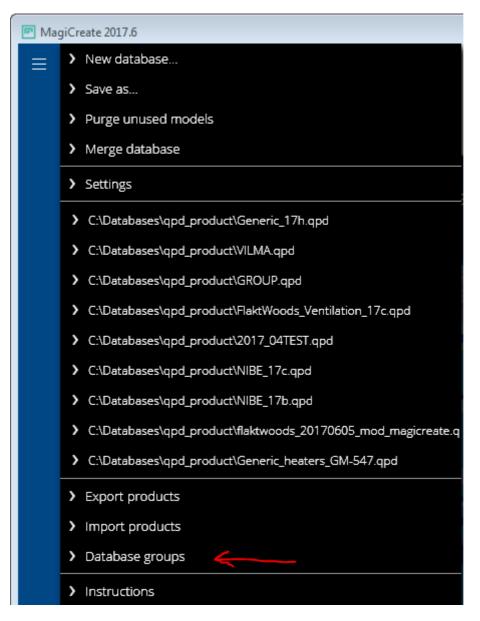


MagiCAD Create 2017.6 – Release notes

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.

	Database groups	
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) Characteristic Suitcher (2)		
Changeover Switches (2)		
Check valves (5)		
ADD	DELETE RENAME	



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 Recessed installation 	BEAM1-COOL-HEAT-SAME-S-SURF				
All top connections (3) Duct side connection (27)	BEAM1-COOL-SAME-S-SURF				
Duct top connection (10)	BEAM1-HEAT-OPP-S-SURF				
 Surface installation 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-CIRC



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	Website
NewDatabase	
Manufacturer name abbreviation	
NDB	
Database password	
	Use templates with new products
Online product database locations	
Europe 🗸	
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:

3D Ventilation data (opt.)	Power (opt.)								
Dimensions Service a	rea								
			× 7						
			E						
	1	1							
		1	ī						
	М		AR SIDE 001						
		AGIV_AHU_C_COM	MB_SIDE_001						
Dimensions [mm] and p		AGIV_AHU_C_COM	MB_SIDE_001						
Dimensions [mm] and p		AGIV_AHU_C_COM	MB_SIDE_001						
	arameters		MB_SIDE_001						
Description	arameters Label	Value	MB_SIDE_001						
Description Supply duct size	Label DSUP	Value 160	MB_SIDE_001						
Description Supply duct size Outdoor duct size	Darameters Label DSUP DOUT	Value 160 160	MB_SIDE_001						
Description Supply duct size Outdoor duct size Extract duct size	Darameters Label DSUP DOUT DEXT	Value 160 160 160	MB_SIDE_001						
Description Supply duct size Outdoor duct size Extract duct size Exhaust duct size	Darameters Label DSUP DOUT DEXT	Value 160 160 160 160	MB_SIDE_001						
Description Supply duct size Outdoor duct size Extract duct size Exhaust duct size Length	Derameters Label DSUP DOUT DEXT DEXH L	Value 160 160 160 160 905	MB_SIDE_001						

Service area:

D Ventilation data (opt.) Po	wer (opt.)					
Dimensions Service area						
			7			
			ĸ			
			E			
	p. 3		IQ			
	ALC: NO					
	M	AGIV_AHU_C_CO	MB_SIDE_00			
Service area dimensions [mr			MB_SIDE_00			
Service area dimensions [mr			MB_SIDE_00			
	n] and parame	iters	MB_SIDE_00			
Description	n] and parame	eters Value	MB_SIDE_00			
Description Clearance Zone Front Depth	n] and parame Label CZONF	Value 75	MB_SIDE_00			
Description Clearance Zone Front Depth Clearance Zone Back Depth	n] and parame Label CZONF CZONB	Value 75 75	MB_SIDE_00			
Description Clearance Zone Front Depth Clearance Zone Back Depth Clearance Zone Left Depth	n] and parame Label CZONF CZONB CZONL	2ters Value 75 75 75 75	MB_SIDE_00			
Description Clearance Zone Front Depth Clearance Zone Back Depth Clearance Zone Left Depth Clearance Zone Right Depth	n] and parame Label CZONF CZONB CZONL CZONR	eters Value 75 75 75 75 75 75	MB_SIDE_00			
Description Clearance Zone Front Depth Clearance Zone Back Depth Clearance Zone Left Depth Clearance Zone Right Depth Clearance Zone Height Depth	n] and parame Label CZONF CZONB CZONL CZONR CZONH	eters Value 75 75 75 75 75 991	MB_SIDE_00			

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	iCreate 2017.4					
\equiv	Database	Ventilation (356) >	Air Terminal Devices (89) >	8	Fan coil units (80)	
	Generic_16p	Piping (959) >	Fans / Air handling units (51)			
	denenc_rop	Electrical (539) >	Flow dampers (7) >	4	Climate beams (98)	
		Tele, Data, and Building Automation (167)	Climate control devices (178)		Export products	
	CHANGE		Components (31) >		Replace 3D geometry	
	CREATE NEW 🗸	DELETE		\sim	Merge database	
		BEAM1-CO	DOL-DTOP-REC	\odot	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) >	Components (6) >		Pipe (1)	Pipe T-branch (0)	Drainage	e reducer (0)
	2017_04TEST	Piping (17) > Electrical (2) >	Fire suppression (0) > Gas devices / components (0		Pipe bend (2)	Pipe X-branch (0)	Drainage	e T-branch (0)
		Tele, Data, and Building Aut	Radiators (1) > Pumps (1) >	9	Pipe flange (0)	Drainage pipe (0)	Drainage	e X-branch (0)
			Climate control devices (4) >	Ö	Pipe joint (0)	Drainage bend (1)	0	-
			Other devices (1) >		Pipe plug (0)	Drainage joint (0)		
			Substations (0) > Shunts (0) >		Pipe reducer (0)	Drainage plug (0)		
	CHANGE		Pipe series and fittings (4) \geq					
	CREATE NEW 🗸	DELETE	_{Variant} (new product)		(\mathbf{N})	D for Revit 2014.4 -> D for AutoCAD ->	UNDO	SAVE
	Filter					Technical data		
	Enter product code	х	Product code format					
	(new p	product)	👍 🐹 🦛 🔿 🗛 Add pro	oduct cod	e	Pipe sizes		
		Ũ		,		Size Din	D	out
	(new product)		(new product) - Dia	meter		2 3 99 44	4	5
						3 3	3	
						Add	Delete	Clear
						Material code	хох_уууу	
						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.

🕐 Ma	giCreate 2017.4								- • •
≡	Database 2017-01-30 cc	Ventilation (0) > Piping (0) > Electrical (18) >		Electrical (18) >	-	Luminaires (0)	Sockets (1)	Radiators (0)	Other devices (0)
	CHANGE		ing Automation (2) >		-	Boxes (0)	Switches (0)	Equipment (0)	
	CREATE NEW 🗸	DELETE	Cover fram	e 1+1, horizont	tal		for Revit 2013.11 -> for AutoCAD 2014.11 ->		UNDO SAVE
	Filter					3D			
	Enter product code	~	Basic data						× م
	Cover	frame 1+1, h	Code Cover frame 1+1.	horizontal					F
			cover manie i rit,		ced +			_	E
	Cover frame 1+1, I	horizontal						1	īġ
	Cover f	frame 1+1, ve					Ŧ		
	Cover f	frame 1+2, hc							
	Cover f	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	giCreate 2017.4					- • •
\equiv	_{Database} Generic_16p	Ventilation (356) >	Air Terminal Devices (89) >	8	Fan coil units (80)	
		Piping (959) >	Fans / Air handling units (51)			
	Generic_rop	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).

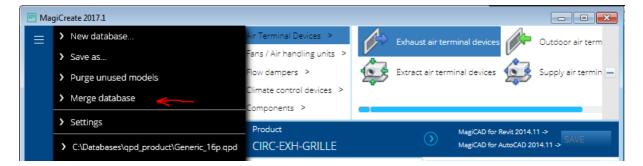


Export to spreadsheet					
Product data					
🖉 Basic					
✓ ♥ Web sites					
Variant/Technical data					
✓ Basic					
Pressure Sound					
V Power					
Turant Count					
Export Cancel					



Merge database

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



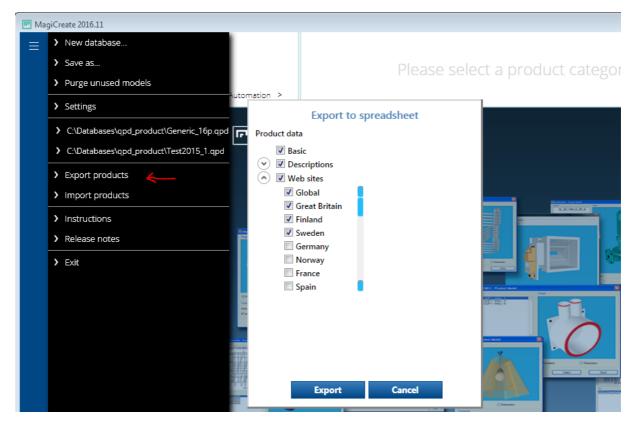


MagiCAD Create 2016.11 – Release notes

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:

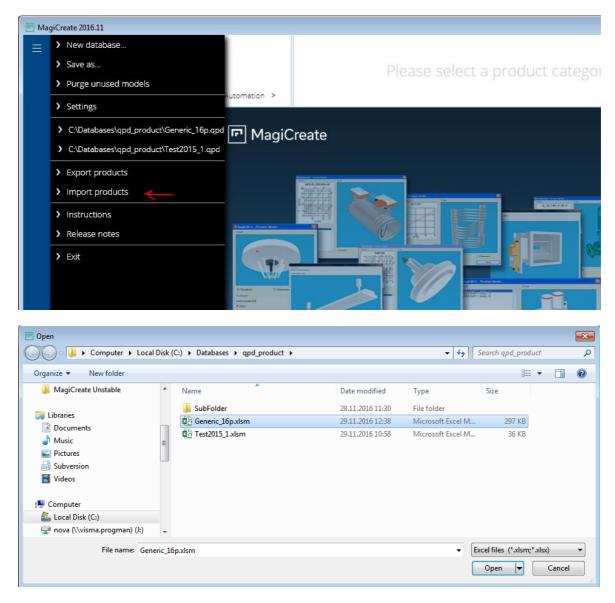
	А	В	с	D	E	F	G	н
	P MagiCreate							
1	MagiCAD product type	Product code	3D geometry	Restricted to countries		Short product description. Max. 60 characters.		
2						English (mandatory)	German	French
3	Exhaust air terminal devices	CIRC-EXH-GRILLE	MAGIV_CIRC-OUTD-	China, Denmark, Finland, Germany, Great	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		
	man and a state of the state of the	0000 0000 U000	MACH DECT DOOF			en e		



41(44)

Import products from spreadsheet

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





· · · <u> </u>		
Import report		
Database: Generic_16p		
Product code and type	<u>Attribute name</u>	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

r

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	evices 🜈 Ou	tdoor air terminal devices int
Generic_16p	Piping > Electrical >	Fans / Air handling units > Flow dampers >	Extract air terminal dev	vices 5	oply air terminal devices 📃 🗕
	Tele, Data, and Building Automation >	Indoor climate devices >	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Export products
CHANGE		Components >			Replace 3D geometry
	Replace ³	3D geometry			
	neplace	bo Scomery			
From:					
MAGIV-C-DIFF-RECT-I	PLATE_001			E	
MAGIV_C-DIFFUSER-F	_			_	
MAGIV_CIR-DIF-BIG-A			-	ı @	
MAGIV_CIR-DIF-BOX-					
MAGIV_CIRC-OUTD-G		1			
MAGIV_CIRCCEILCOL					
MAGIV_CIRCROOFHC			_		
MAGIV_CIRC_ROOF_H					
MAGIV_CIRDIFBOX-TO					
	0FC_Q15_001				
To:					
10.					
ADD FROM BROWS	ADD FROM FILE				
MAGIV-C-DIFF-RECT-	PLATE_001			E	
MAGIV_C-DIFFUSER-F				_	
MAGIV_CIR-DIF-BIG-A				ıØ	
MAGIV_CIR-DIF-BOX-					
MAGIV_CIRC-OUTD-G		U.			
MAGIV_CIRCCEILCOL					
MAGIV_CIRCROOFHC			en collenter an		
MAGIV_CIRC_ROOF_H					
MAGIV_CIRDIFBOX-TO					
	010_010_001				
	OK	Cance			



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					
То:	MAGIV_CIR-DIF-BOX-S-C_Q13_002					
Remove unused 3D ge	ometry					
Select/Deselect All						
	erminal devices					
	/Deselect All					
	CT-DIFF-BOX-SIDE					
	erminal devices					
	/Deselect All					
	L-DIFF-PB-S					
	L-DIFF-PB-T CT-DIFF-BOX-SIDE					
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.