





## Taking the UBBINK product template into use

- 1. Download the .zip file to your computer. Unzip the file to a suitable location.
- 2. Start MagiCAD and create / open MagiCAD project, open the project management window, and click "Merge project" button.

NagiCAD V&P - Project Management - C:\	ProgramData\Mag	iCAD\Templates\MagiCAD Ventilation and Piping\COM-VP —		×
Magical Var Project Management Cov     Project : Template project     Project settings     Model drawings     Schematic drawings     Schematic drawings     Schematic drawings     Schematic drawings     Project : Title blocks     Ventilation     Parts     Parts     Layers     Insulation series     Absorption material series     Pange Series     Range Series     Reduction lengths     Duct series     Sizing methods     Active Storey     Install storey origin (0,0,0)     Agtive storey     Storey 1  Project	UserCode LINDAB REKT LINDAB SAFE Flex Circ Rect CLIMAVER	Description Lindab Rekt Lindab Safe Rexibel duct Circular duct Rectangular duct Saint-Gobain Isover pre-insul.	National o	ode
Disconnect project Merge project		Lis (Cul. M. Davie (Cul. II		
Glose		op [ctri+ty] Down [ctri+t]		



3. In the opened window choose the project (UBBINK.EPJ file) from where you saved it.

Choose Other duct component, Distribution box and Fittings under Parts and Duct Series under Ventilation.

Choose "Compare data"

📀 MagiCAD V&P - Merge Project		×
Project		
C:\Users\Katja\OneDrive - MagiCAD Group Oy\Documents\release	\Ubbink\UBBINK.EPJ	
Groups		
Project: Template project     Project info     Project settings     Storeys     Title blocks     Ventilation     Systems     Parts     Outdoor devices     Supply devices     Extract devices     Extract devices     Plow damper     Fire damper     Silencer     Other component     Air handling equipment     Access panel     Other component     Air bandling equipment     Distribution box     Pittings     Distribution series     Absorption material series		
···· □ Reduction lengths ···· ☑ Duct series ···· □ Sizing methods		
Balancing methods     Calculation options     Units     Dimension text		
	Compare data	Cancel



4. In the opened window you can see all products that will be added/updated to the current project.

Note: if the value in the column Operation is not "Create new", select the row and click right mouse button. Opens menu with the options. Select the option which suits you the best. Repeat for others. Click "Ok-Merge" button.

Group	ld	Code	Description	Status	Differences	Operation	n	
Ventilation/Duct	000001	UD-1	Semi-Rigid Duct	Different data	Description, Use			
Ventilation/Duct	000002	UD-2	Semi-Rigid Duct	Different data	Description, Use	-	Show differences	
Ventilation/Parts/	. ec06580808844	UDC-1	AE48C - AE45S	Does not exist		Cre	Do not more	
Ventilation/Parts/	. 5eff28cbbd3944	UDB-1	AE34C Valve Ad	Does not exist		Cre	Do not merge	
Ventilation/Parts/	. fabcd2ea841d4	UDB-2	AE34C Valve Ad	Does not exist		Cre	Overwrite existing	
Ventilation/Parts/	. c037ec6065fa4	UDB-3	AE34C Valve Ad	Does not exist		Cre	Create new	
Ventilation/Parts/	. bf8468f00bf64a	UDB-4	AE48C Valve Ad	Does not exist		Cre	Man/overwrite	
Ventilation/Parts/	. 9325dce885674	UDB-5	AE48C Valve Ad	Does not exist		Cre	map/overwrite	
Ventilation/Parts/	. 336fbd06808d4	UDB-6	AE48C Valve Ad	Does not exist		Create n	ew	
Ventilation/Parts/.	. 4c82e4e85cfc4	UDB-7	DBOX 206 Inline	Does not exist		Create n	ew	
Ventilation/Parts/	. f687463c72ff44	UDB-8	DBOX 206 Inline	Does not exist		Create n	ew	
Ventilation/Parts/	. 8f1ac50b04f245	UDB-9	DBOX 208 DN125	Does not exist		Create n	ew	
Ventilation/Parts/	. 881e5ecb6cca4	UDB-10	DBOX 208 DN150	Does not exist		Create n	ew	
Ventilation/Parts/	. 131cf0b2990e4	UDB-11	DBOX 208 DN160	Does not exist		Create n	ew	
Ventilation/Parts/	. 7c2ab486f6194	UDB-12	DBOX 208 DN180	Does not exist		Create n	ew	
Ventilation/Parts/	. b4f40de90f3a4b	UDB-13	DBOX 208 DN200	Does not exist		Create n	ew	
Ventilation/Parts/	. 0848abe5b6d94	UDB-14	DBOX 212H DN	Does not exist		Create n	ew	
Ventilation/Parts/	. e688b79a66054	UDB-15	DBOX 212H DN	Does not exist		Create n	ew	
Ventilation/Parts/	. d53be5daf8bd4	UDB-16	DBOX 212H DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 2d865cffaba74b	UDB-17	DBOX 212H DN	Does not exist		Create n	ew	
Ventilation/Parts/	. d99996479c944	UDB-18	DBOX 212H DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 4ea69f40bc194	UDB-19	DBOX 212V DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 1e73bd5039654	UDB-20	DBOX 216V DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 74940f1dd79c4f	UDB-21	DBOX 216V DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 79e986803dea4	UDB-22	DBOX 216V DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 9493bcc34a484	UDB-23	DBOX 216V DN	Does not exist		Create n	ew	
Ventilation/Parts/	. d08f3c7af2864d	UDB-24	DBOX 216V DN	Does not exist		Create n	ew	
Ventilation/Parts/	. 7e626b2acf954	UDB-25	DBOX 816 DN1	Does not exist		Create n	ew	
Ventilation/Parts/	. 8e20a5c7c80a4	UDB-26	DBOX 816 DN1	Does not exist		Create n	ew	
Ventilation/Parts/	. 357f82b365064	UDB-27	DBOX 816 DN1	Does not exist		Create n	ew	
Ventilation/Parts/	. a90f966901ae4	UDB-28	DBOX 816 DN1	Does not exist		Create n	ew	
Ventilation/Parts/	. b863fdbfe8a243	UDB-29	DBOX 816 DN1	Does not exist		Create n	ew	
Ventilation/Parts/	. e73e8ab21a1d4	UDB-30	DBOX 816 DN1	Does not exist		Create n	ew	
Ventilation /Parts /	d9f047e722f14a	UDB-31	DBOX 816 DN1	Does not exist		Create n	ew	



Extract devices	UserC	Manufacturer	Product	Release date	Pr	Na	Ins	Na H	y	lfc	P. De
Exhaust devices	DB-20	Generic	DISTR-BOX-opposite-400x400x300-1x200-4x100	2018-10-10			Not			fcD	
Flow damper	UDB-1	Ubbink	AE34C Valve Adaptor 180°	2023-08-22			Not	ht	'n	fcD	Val
Fire damper	UDB-2	Ubbink	AE34C Valve Adaptor 90°	2023-08-22			Not	ht	n.	lfcD.	Val
Silencer	UDB-3	Ubbink	AE34C Valve Adaptor Short 90°	2023-08-22			Not	ht	n	lfcD	Val
Other component	UDB-4	Ubbink	AE48C Valve Adaptor 180°	2023-08-22			Not	ht	n	fcD	Val
Air nandling equipment	UDB-5	Ubbink	AE48C Valve Adaptor 90°	2023-08-22			Not	ht	p	lfcD.	Val
- Climate beam	UDB-6	Ubbink	AE48C Valve Adaptor Short 90°	2023-08-22			Not	ht	n	lfcD	Val
Distribution box	UDB-7	Ubbink	DBOX 206 Inline DN125	2025-01-20			Not	ht	n	lfcD.	DB
- Fittings	UDB-8	Ubbink	DBOX 206 Inline DN160	2025-01-20			Not	ht	D	lfcD	DB
Bend	UDB-9	Ubbink	DBOX 208 DN125	2025-01-20			Not	ht	n.	lfcD.	DB
T-branch	UDB-10	Ubbink	DBOX 208 DN150	2025-01-20			Not	ht	n	lfcD	DB
X-branch	UDB-11	Ubbink	DBOX 208 DN160	2025-01-20			Not	ht	D	fcD.	DB
Y-branch	UDB-12	Ubbink	DBOX 208 DN180	2025-01-20			Not	ht	D	fcD.	DB
S-part	UDB-13	Ubbink	DBOX 208 DN200	2025-01-20			Not	ht	D	lfcD.	DB
···· Joint part	UDB-14	Ubbink	DBOX 212H DN125	2025-01-20			Not	ht	n	lfcD.	DB
Plug	UDB-15	Ubbink	DBOX 212H DN150	2025-01-20			Not	ht	n	fcD	DB
Outlet	UDB-16	Ubbink	DBOX 212H DN160	2025-01-20			Not	ht	'n	lfcD.	DB
Duct	UDB-17	Ubbink	DBOX 212H DN180	2025-01-20			Not	ht	n	lfcD	DB
Reducer/Expander	UDB-18	Ubbink	DBOX 212H DN200	2025-01-20			Not	ht	n	lfcD.	DB
Layers	UDB-19	Ubbink	DBOX 212V DN160	2025-01-20			Not	ht	n	fcD	DB
Insulation series	UDB-20	Ubbink	DBOX 216V DN125	2025-01-20			Not	ht	'n	lfcD.	DB
Absorption material series	UDB-21	Ubbink	DBOX 216V DN150	2025-01-20			Not	ht	n	lfcD	DB
Reduction lengths	UDB-22	Ubbink	DBOX 216V DN160	2025-01-20			Not	ht	n	fcD	DB
Duct series	UDB-23	Ubbink	DBOX 216V DN180	2025-01-20			Not	ht	D.	fcD.	DB
Sizing methods	UDB-24	Ubbink	DBOX 216V DN200	2025-01-20			Not	ht	n	lfcD	DB
Balancing methods	UDB-25	Ubbink	DBOX 816 DN125 side connection	2025-01-20			Not	ht	n	lfcD.	DB
Calculation options	UDB-26	Ubbink	DBOX 816 DN125 top left connection	2025-01-20			Not	ht	n	fcD	DB
Units	UDB-27	Ubbink	DBOX 816 DN125 top right connection	2025-01-20			Not	ht	'n	lfcD.	DB
Dimension text	UDB-28	Ubbink	DBOX 816 DN150 side connection	2025-01-20			Not	ht	n	lfcD	DB
🕀 ·· Piping	UDB-29	Ubbink	DBOX 816 DN150 top left connection	2025-01-20			Not	ht	n	lfcD	DB
🗄 ·· Drainage	UDB-30	Ubbink	DBOX 816 DN150 top right connection	2025-01-20			Not	ht	n	fcD	DB
🗄 General	UDB-31	Ubbink	DBOX 816 DN160 side connection	2025-01-20			Not	ht	'n	lfcD.	DB
···· Linetypes	UDB-32	Ubbink	DBOX 816 DN160 top left connection	2025-01-20			Not	ht	'n	HcD.	DB
···· Dimension text	UDB-33	Ubbink	DBOX 816 DN160 top right connection	2025-01-20			Not	ht	n	HcD.	DB
ive Storey	UDB-34	Ubbink	DBOX 816 DN180 side connection	2025-01-20			Not	ht	n.	fcD.	DB
nstall storey origin (0.0.0)	UDB-35	Ubbink	DBOX 816 DN180 top left connection	2025-01-20			Not	ht	n.	fcD.	DB
	UDB-36	Ubbink	DBOX 816 DN180 top right connection	2025-01-20			Not	ht	p	HeD.	DB
Active storey Storey 1	UDB-37	Ubbink	DBOX 816 DN200 side connection	2025-01-20			Not	ht	 n	HeD.	DB
	UDB-37	Ubbink	DBOX 816 DN200 top left connection	2025-01-20			Not	ht	 n	HcD.	DB
oject	UDB-30	Ubbink	DBOX 816 DN200 top right connection	2025-01-20			Not	ni bt		HeD.	
Disconnect project Merge project	006-39	ODDINK	DBOX 616 DN200 top right connection	2020-01-20			1401	nt	P	#CD	UB

## 5. Check in Project Management window, that everything is imported to the current project file

📀 MagiCAD V&P - Project Management - C:\\	ProgramD	ata\MagiCA	D\Templates\MagiCAD Ventilation and	l Piping\COM-\	/P-202	5.EPJ							>	×
Extract devices Exhaust devices	User	Manufac	Product	Release	Pr	N	ln	N	Н	lfc	Ρ.	Sy	A	Π
Flow damper	OC1	TROX	WL	2019-07-11			Not			lfcB				A.
Fire damper	OC2	Hagab	TGHA-B-50-800	2018-01-12			Not			lfcB				R
- Other component	OC3	Halton	MSD				Not			lfcB				A
Air handling equipment     Access panel	OC4	Jeven	KL-C	2006.01			Not			lfcB				R
Climate beam	UDC-1	Ubbink	AE48C - AE45SC - AE48C Connector	2025-01-20			Not		http	lfcB				A.
Distribution box     Ettings														
Bend														
T-branch														
Y-branch														
Active Sterry														
Install storey origin (0.0.0)														
Active storey 1														
Heave storey														
Project														
Disconnect project Merge project														
Close			Up [Ctrl+K] Down [Ctrl	+J]										



MagiCAD V&P - Project Management - C:\P	rogram	Data\MagiC	CAD\Templates\MagiCAD Ventilation and	Piping\COM-	-VP-20	025.EP	J		-			Х
Climate beam	Use	Manufa	Product	Release	Pr	N	ln	N	Н	lfc	P.	De
Elistipor		Flakt	BDEK-1				Not			lfcD		
Bend		Flakt	BAKK-1-*-0				Not			lfcD		
	LKR	Lindab	LKR				Not			lfcD		Mark
X-branch	SR	Lindab	SR				Not			lfcD		Circu
- Y-branch		Ubbink	Semi-Rigid Duct	2023-04-05			Not		http	lfcD		Semi
S-part		Ubbink	Semi-Rigid Duct Anti-Microbial & Anti-Static	2023-04-05			Not		http	lfcD		Semi
Joint part												
Plug												
Outlet												
Duct												
Reducer/Expander												
Layers												
Insulation series												
Absorption material series												
Active Storey												
Install storey origin (0,0,0)												
Active storey Storey 1												
Project												
Disconnect project Merge project											_	_
~			Lip (Ctd.) K1 Down (Ctd.)	1								
Llose			Op [Cui+t] Down [Cui+	0]								

Climate beam	Use	Manufa	Product	Release	Pr	N	ln	N	Н	lfc	P. De.
Distribution box		Flakt	BDEB-15-*				Not			lfcD	
- Fittings		Flakt	BDEB-30-*				Not			lfcD	
Thranch		Flakt	BDEB-45-*				Not			lfcD	
Xbranch		Flakt	BDEB-60-*				Not			lfcD	
Ybranch		Flakt	BDEB-90-*				Not			lfcD	
		Flakt	BAKB-3-*-*-0				Not			lfcD	
- Joint part		Flakt	BAKB-1-*-*-0				Not			lfcD	
Plug	LBXR	Lindab	LBXR				Not			lfcD	Mark
Outlet	LBR	Lindab	LBR				Not			lfcD	Mark
Duct	BU	Lindab	BU				Not			lfcD	Ben
Reducer/Expander	BFU	Lindab	BFU				Not			lfcD	Ben
Layers	BKU	Lindab	BKU				Not			lfcD	Ben
Insulation series	BKMU	Lindab	BKMU				Not			lfcD	Ben
Absorption material series	BKFU	Lindab	BKFU				Not			lfcD	Ben
Hange Senes	BKF	Lindab	BKFMU				Not			lfcD	
Active Storey		Ubbink	Bend Kit 90°	2023-04-05			Not		http	lfcD	AE3
Install storey origin (0,0,0)											
Agtive storey Storey 1											
Project											
Disconnect project Merge project	_										



MagiCAD V&P - Project Management - C:\F	program[	)ata∖MagiC	AD\Templates\MagiCAD \	/entilation and Piping\C	OM-	VP-20	)25.EPJ			_			×
Climate beam Distribution box	Use	Manufa FlaktWoods	Product BDEM-1-*	Releas	e	Pr	N	In Not	N	Н	lfc lfcD	P.	De
er nungs		FlaktWoods	BDEN-1-*					Not			lfcD		
T-branch	MF	Lindab	MF					Not			lfcD		Fem
	SNPU	Lindab	SNPU					Not			lfcD	1	Slide
- Y-branch	SMFU	Lindab	SMFU					Not			lfcD	1	Slide
S-part	NPEU	Lindab	NPEU					Not			lfcD		Expa
···· Joint part	MF	Lindab	MF CLIC					Not			lfcD		Mark
···· Plug	NPU	Lindab	NPU					Not			lfcD	- 0	Coup
Outlet I		Ubbink	Dbox Inline Adaptor	2023-0	4-05			Not		http	lfcD		Adap
Active Storey													
Install storey origin (0,0,0)													
Active storey Storey 1													
Project													
Disconnect project Merge project													_
Close			Up [Ctrl+K]	Down [Ctrl+J]									

MagiCAD V&P - Project Management -	C:\ProgramData\Ma	giCAD\Templates\MagiCAD Ventilation and Piping\COM-VP –	
Extract devices	UserCode	Description	National code
Exhaust devices	LINDAB REKT	Lindab Rekt	
- Filow damper	LINDAB SAFE	Lindab Safe	
Silencer	Flex	Flexibel duct	
Other component	Circ	Circular duct	
···· Air handling equipment	Rect	Rectangular duct	
- Access panel	CLIMAVER	Saint-Gobain Isover pre-insul.	
Climate beam	UD-2	Semi-Rigid Duct Anti-Microb	
···· Distribution box	UD-1	Semi-Rigid Duct ø 63-75 mm	
X-branch Y-branch S-part			
Active Storey			
Install storey <u>o</u> rigin (0,0,0)			
Active storey Storey 1			
Project			
Disconnect project Merge project			
Close		Up [Ctrl+K] Down [Ctrl+J]	



6. Products added to the project and can be used in the drawing: Choose the duct serie from the list and click on "Automatically select products (while drawing)":

🥙 MagiCAD V&P - Design Options			×
Duct Series:	Size:	Locked:	Routing
Select series		Diameter	<ul> <li>Smart</li> </ul>
LINDAB REK Lindab Rekt LINDAB SAF Lindab Safe Rev. Bevibel duct	Swapped		O Direct ▼▲
Circ Circular duct	Flange Series	:	
Rect Rectangular duct	- Default -	$\sim$	
UD-2 Semi-Rigid Duct Anti-Microb	w [mm]: 0	.0 h [mm]: 0.0	
UD-1 Semi-Rigid Duct ø 63-75 mm	Fittings		
Add new	Bends	Reducers/	Expanders
Sizing method:			
By system V			
Aliamont			
	Branches		
000			
000			
		that break the duct as 1-branches	
Height Difference in Branch		ent connection sizes in trunk	
Smart 0 15 deg	Automatica	lly select products (while drawing)	
○ 30 deg	Show w	aming if product not found	
○ 45 deg	Automatic flexib	ble duct connection	
0 60 deg			
○ 90 deg			
	Enabled	Length:	500
Status:			
Not defined $\sim$			
Installation code:			
Not selected ~			Close



		×
Fire dampers Flow dampers Silencers Other duct components		
U Product	Preview Properties Ve	entilation
OC1 WL		
OC2 TGHA-B-50-800		
OC4 KL-C		au a
U AE48C - AE45SC - AE48C Connector		SN
		P.
	View mode	Rendered with dimension text
Lock size AE48C - AE45SC - AE48C Connector		
Inherit insulation from duct	Is a measurer	
Lock dp Pa	Pressure level	0.0 Pa
Symbols	O Is static pressure	Is total pressure
User Symbol Reset Symbol		
		<u>Q</u> k <u>C</u> ancel

	Product	Preview Properties
B-200-1	DISTR-BOX-opposite-400x400x300-1x200-4x100	
DB-1	AE34C Valve Adaptor 180°	
DB-2	AE34C Valve Adaptor 90°	
DB-3	AE34C Valve Adaptor Short 90°	
DB-4	AE48C Valve Adaptor 180°	
DB-5	AE48C Valve Adaptor 90°	
DB-6	AE48C Valve Adaptor Short 90°	
DB-7	DBOX 206 Inline DN125	
DB-8	DBOX 206 Inline DN160	318 - 318
DB-9	DBOX 208 DN125	
DB-10	DBOX 208 DN150	- 180 -
DB-11	DBOX 208 DN160	
DB-12	DBOX 208 DN180	
DB-13	DBOX 208 DN200	
DB-14	DBOX 212H DN125	ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ ㅋ
DB-15	DBOX 212H DN150	
DB-16	DBOX 212H DN160	7 g
DB-17	DBOX 212H DN180	
DB-18	DBOX 212H DN200	
DB-19	DBOX 212V DN160	
NR.20	DROX 2161/ DN125	
		View mode Rendered with dimension text



- MagiCAD V&P - Bill of materials × File Edit L [m] Insul. A s [mm] Surface Product Ν Class Size Series area Duct 63 UD-1 Semi-Rigid Duct-63 0.7 0.1 m<sup>2</sup> . 75 Semi-Rigid Duct-75 Duct UD-1 0.8 0.2 m<sup>2</sup> Bend-90 63 UD-1 Bend Kit 90°-63 1 0 m² Bend-90 75 UD-1 Bend Kit 90°-75 0 m² 1 Reducer/Expander 75/63 UD-1 Dbox Adaptor-75-63 0 m² 1 Other component 75 UDC-1 AE48C - AE45SC - AE48C Connector 1 0.1 m<sup>2</sup> 125/63/63/63/63/63/63 DBOX 206 Inline DN125 UDB-7 Box 1
- 7. Product codes appear in Bill of Materials