



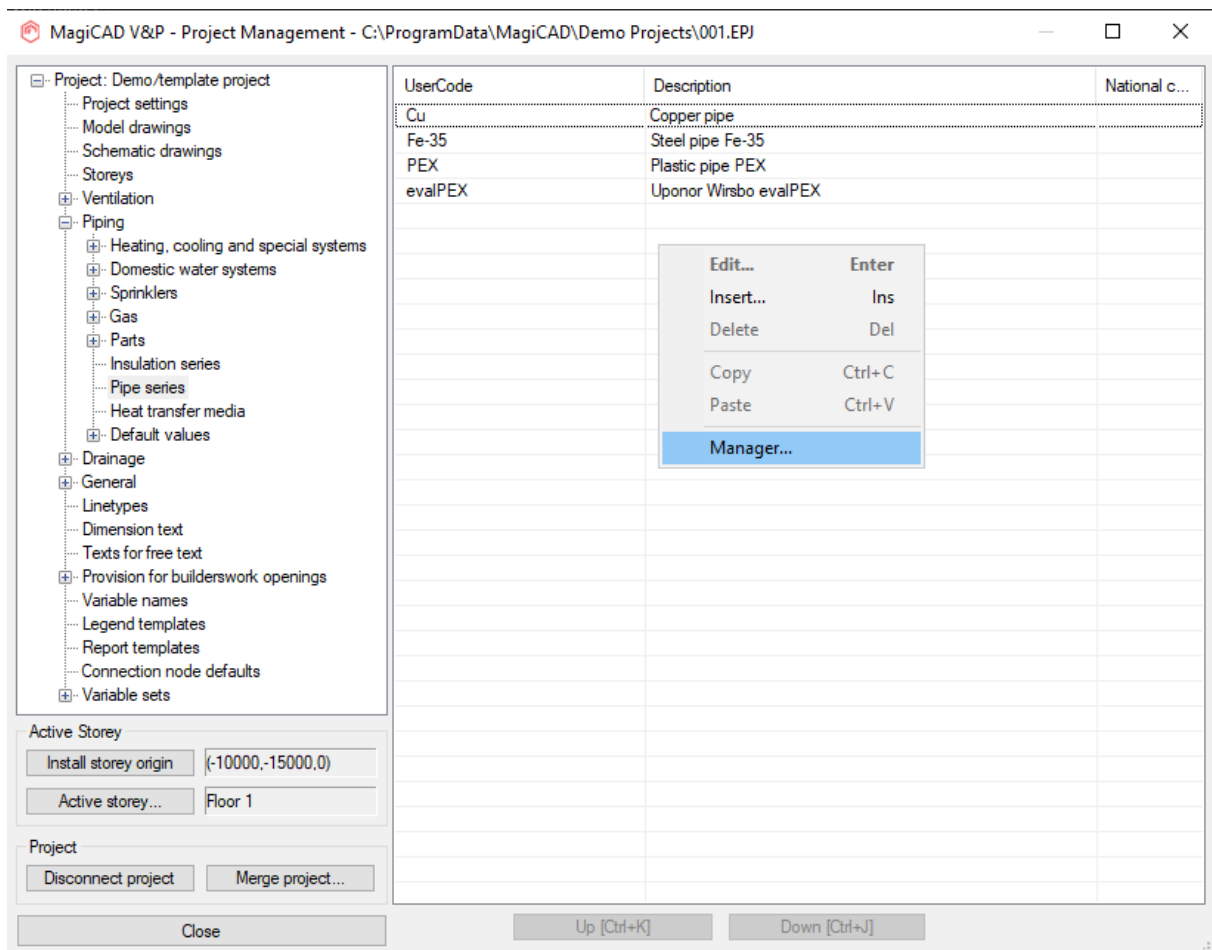
RauHeat pipe series template instructions for MagiCAD for AutoCAD

12/11/2025

RauHeat template

Taking the template into use

1. Download the .zip file to your computer. Unzip the file to a suitable location.
2. Start MagiCAD, open the project management window, and choose *Pipe series* from the left part of the window.
3. Click the right button of your mouse and choose *Manager*.



4. Change the source project file to RAUHEAT.EPJ

MagiCAD V&P - Project File Manager

Group

- Duct/Pipe Series
 - Ventilation
 - Piping
 - Drainage
- Insulation Series
- Dimension line formats

Ok

Source project file:

AD\Templates\MagiCAD Ventilation and Piping\COM-VP-2022

ID	UserCode	Description
0000>	Cu	Copper pipe
0000>	Fe-35	Steel pipe Fe-35
0000>	PEX	Plastic pipe PEX
0000>	Flex SPR	Flexible SPR Connection Pipe
0000>	Unipe	Unipe
0000>	Fusio	Fusiotherm PN10 /Rethem
0000>	Mapress SS	Mapress Stainless steel
0000>	Sanpress	Viega Sanpress
0000>	INOX	Viega Sanpress INOX
0000>	SanfixFosta	Viega Sanfix Fosta
0000>	Mapress ZnFe	Mapress Carbon steel
0000>	Mapress CU	Mapress Copper
0000>	Mepla	Geberit Mepla
0000>	Mapress spr	Mapress Carbon steel sprinkl>

Active project file:

C:\ProgramData\MagiCAD\Demo Projects\001

ID	UserCode	Description
000001	Cu	Copper pipe
000004	PEX	Plastic pipe PEX
000002	Fe-35	Steel pipe Fe-35
000016	evalPEX	Uponor Wirsbo evalPEX

MagiCAD V&P - Project File Manager

Group

- Duct/Pipe Series
 - Ventilation
 - Piping
 - Drainage
- Insulation Series
- Dimension line formats

Ok

Source project file:

C:\Users\ \Desktop\RauHeat\RAUHEAT

ID	UserCode	Description
0000>	PexFlexPLUS heat	PexFlexPLUS PN6 UNO heat>
0000>	PexFlexPLUSsani22-63	PexFlexPLUS PN10 UNO sa>
0000>	PexFlexBLUE10W75-110	PexFlexBLUE PN16 cold-wa>
0000>	PexFlexBLUE 75-110mm	PexFlexBLUE PN16 cold-wa>
0000>	RauHeat ML Geo	RauHeat Geothermal pipe P>
0000>	PexFlexBLUE 32-63mm	PexFlexBLUE PN16 cold-wa>
0000>	PexFlexBLUE10W 32-63	PexFlexBLUE PN16 cold-wa>
0000>	PexFlexPLUS sani 75	PexFlexPLUS PN10 UNO sa>

Active project file:

C:\ProgramData\MagiCAD\Demo Projects\001

ID	UserCode	Description
000001	Cu	Copper pipe
000004	PEX	Plastic pipe PEX
000002	Fe-35	Steel pipe Fe-35
000016	evalPEX	Uponor Wirsbo evalPEX

5. Choose needed pipe series (or all) and add it to your project file.

MagiCAD V&P - Project File Manager

Source project file: C:\Users\... \Desktop\RAUHEAT\RAUHEAT

Active project file: C:\ProgramData\MagiCAD\Demo Projects\001

ID	UserCode	Description
0000>	PexFlexPLUS heat	PexFlexPLUS PN6 UNO heat>
0000>	PexFlexPLUSsani22-63	PexFlexPLUS PN10 UNO sa>
0000>	PexFlexBLUE10W75-110	PexFlexBLUE PN16 cold-wa>
0000>	PexFlexBLUE 75-110mm	PexFlexBLUE PN16 cold-wa>
0000>	RauHeat ML Geo	RauHeat Geothermal pipe P>
0000>	PexFlexBLUE 32-63mm	PexFlexBLUE PN16 cold-wa>
0000>	PexFlexBLUE10W 32-63	PexFlexBLUE PN16 cold-wa>
0000>	PexFlexPLUS sani 75	PexFlexPLUS PN10 UNO sa>

000001 Cu Copper pipe

000005 PexFlexPLUS heat PexFlexPLUS PN6 UNO heat>

000008 PexFlexPLUSsani22-63 PexFlexPLUS PN10 UNO sa>

000009 PexFlexBLUE10W75-110 PexFlexBLUE PN16 cold-wa>

000010 PexFlexBLUE 75-110mm PexFlexBLUE PN16 cold-wa>

000011 RauHeat ML Geo RauHeat Geothermal pipe P>

000012 PexFlexBLUE 32-63mm PexFlexBLUE PN16 cold-wa>

000013 PexFlexBLUE10W 32-63 PexFlexBLUE PN16 cold-wa>

000014 PexFlexPLUS sani 75 PexFlexPLUS PN10 UNO sa>

000015 PexFlexPLUS sani 75 PexFlexPLUS PN10 UNO sa>

000004 PEX Plastic pipe PEX

000002 Fe-35 Steel pipe Fe-35

000016 evalPEX Uponor Wirsbo evalPEX

6. New RAUHEAT pipe series are added to the current project file and can be used in the drawing.

MagiCAD V&P - Project Management - C:\ProgramData\MagiCAD\Demo Projects\001.EPJ

Project: Demo/template project

- Project settings
- Model drawings
- Schematic drawings
- Storeys
- Ventilation
- Piping
 - Heating, cooling and special systems
 - Domestic water systems
 - Sprinklers
 - Gas
 - Parts
 - Insulation series
 - Pipe series
 - Heat transfer media
 - Default values
- Drainage
- General
- Linetypes
- Dimension text
- Texts for free text
- Provision for builderswork openings
- Variable names
- Legend templates
- Report templates
- Connection node defaults
- Variable sets

Active Storey

Install storey origin (-10000,-15000,0)

Active storey... Floor 1

Project

Disconnect project Merge project...

Close Up [Ctrl+K] Down [Ctrl+J]

UserCode	Description
evalPEX	Uponor Wirsbo evalPEX
Fe-35	Steel pipe Fe-35
PEX	Plastic pipe PEX
Cu	Copper pipe
PexFlexPLUS heat	PexFlexPLUS PN6 UNO heating
PexFlexPLUSsani22-63	PexFlexPLUS PN10 UNO sanitary
PexFlexBLUE10W75-110	PexFlexBLUE PN16 cold-water 10W
PexFlexBLUE 75-110mm	PexFlexBLUE PN16 cold-water
RauHeat ML Geo	RauHeat Geothermal pipe PN10
PexFlexBLUE 32-63mm	PexFlexBLUE PN16 cold-water
PexFlexBLUE10W 32-63	PexFlexBLUE PN16 cold-water 10W
PexFlexPLUS sani 75	PexFlexPLUS PN10 UNO sanitary
PexFlexPLUS sani 75	PexFlexPLUS PN10 UNO sanitary


MagiCAD V&P - Water Pipe Options
✕

Cold/Hot/Circulation Pipe Series:

PexFlexPLU PexFlexPLUS PN10 UNO sanitary

evalPEX Uponor Wirsbo evalPEX
Fe-35 Steel pipe Fe-35
PEX Plastic pipe PEX
Cu Copper pipe
PexFlexPLU PexFlexPLUS PN6 UNO heating
PexFlexPLU PexFlexPLUS PN10 UNO sanitary
PexFlexBLU PexFlexBLUE PN16 cold-water 10W
PexFlexBLU PexFlexBLUE PN16 cold-water
RauHeat ML RauHeat Geothermal pipe PN10
PexFlexBLU PexFlexBLUE PN16 cold-water
PexFlexBLU PexFlexBLUE PN16 cold-water 10W
PexFlexPLU PexFlexPLUS PN10 UNO sanitary
PexFlexPLU PexFlexPLUS PN10 UNO sanitary
Add new...

Size:

22
☐ Locked

☐ Locked

☐ Locked

Routing

☒ Smart

☐ Direct

Cold/Hot/Circulation Sizing method:

By system

By system

By system

Alignment

☐ ☐ ☐ Extra offset

☐ ☒ ☐ 0.0

☐ ☐ ☐

Height Difference

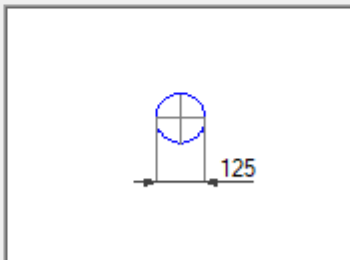
☐ 45

☒ 90

dH in branch [mm]:

0

Pipe positioning from cursor pipe



Distance c-c [mm]

100

100

Pipe Positioning After Vertical

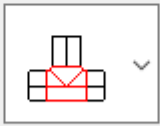
Smart (no crossing)

Radius for flexible pipes

☐ Set

0.0

Branches



Status:

Not defined

Installation code:

Not selected