



MagiCAD for AutoCAD

Release notes for version 2023 UR-2.1

03/04/2023

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1.1 Ventilaion and Piping

Sprinkler calculation issue related to the selected standard

When you chose any other standard than CEA 4001 for the sprinkler calculation, the function still always calculated with the standard CEA 4001.

MagiCAD - Report Window
✕

Edit

Design area

Area 2: 1498 [mbar]

General results

Sprinkler results

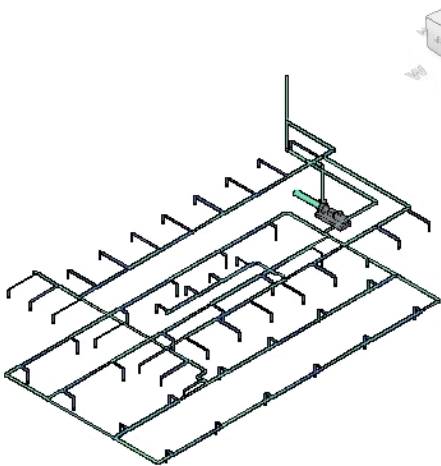
System results

Equivalent length values

Pump diagram

Water source diagram

| Property | Value | Unit |
|-------------------------------|-----------------------------------|-----------------|
| Software version: | MagiCAD 2023 UR-2 | |
| Calculation date: | 2023-03-30 15:05 | |
| Project: | Demo/template project | |
| Project number: | 1 | |
| Location: | | |
| Author: | MagiCAD Group | |
| Design area: | Area 2 | |
| Hazard class: | OH2 - Ordinary hazard OH2 | |
| Hydraulic model: | Hazen-Williams | |
| Calculation is based on: | CEA 4001 | |
| Note: | Equivalent length of short connec | L < 50 mm |
| Fluid characteristics: | | |
| Density: | 1000 | [kg/m³] |
| Dynamic viscosity: | 1560.20 | [kg/ms x 10e-6] |
| Calculation input values: | | |
| Area of design area: | 20.9 | [m²] |
| Feed point: | 1 | H = 5.3 [m] |
| Weakest sprinkler: | 24 | H = 12.4 [m] |
| Pressure at the weakest sprin | 600 | [mbar] |
| Max number of iterations: | 100 | |
| Max inaccuracy of the pressu | 1.0 | [mbar] |
| Max inaccuracy of the flow: | 0.1 | [l/min] |



Previous warning/error
Next warning/error
Ok - Update to model
Cancel