Stabicad 24.06 release

Release Notes United Kingdom (UK)

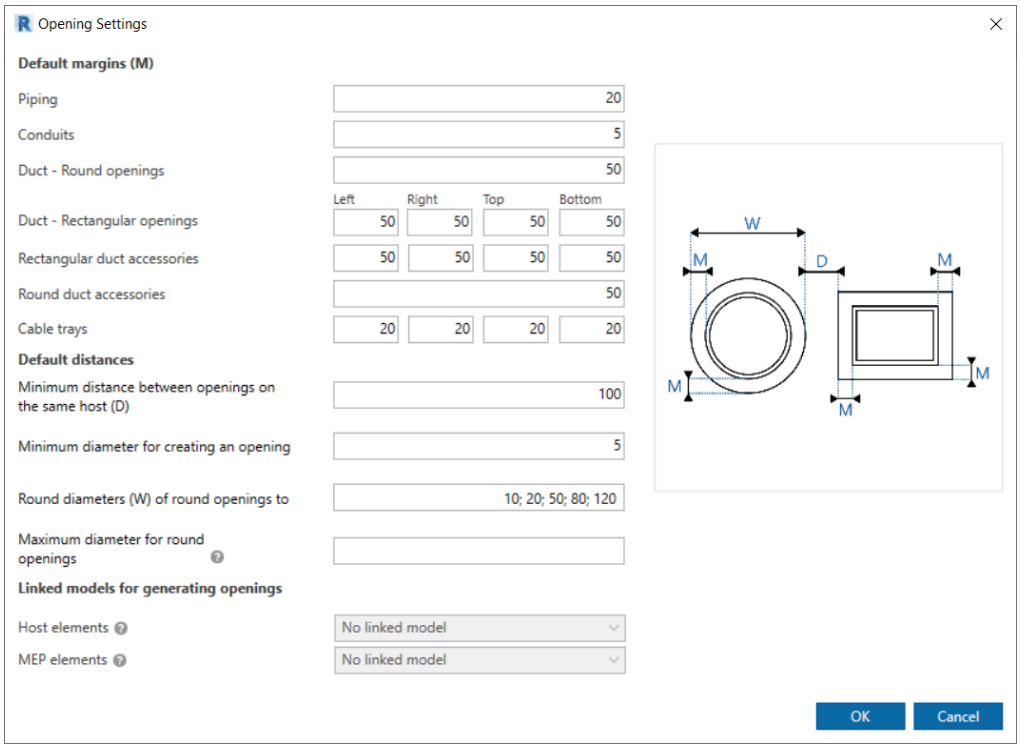
Trimble

Highlights of the 24.06 release

- The super fast heating & cooling cloud calculation now supports the standard ISSO 18 (2013)!
- Openings for MEP has been extended with three different features!

Stabicad for Revit

- **Minimum diameter for Opening creation and extended margins for rectangular openings in Openings for MEP!**

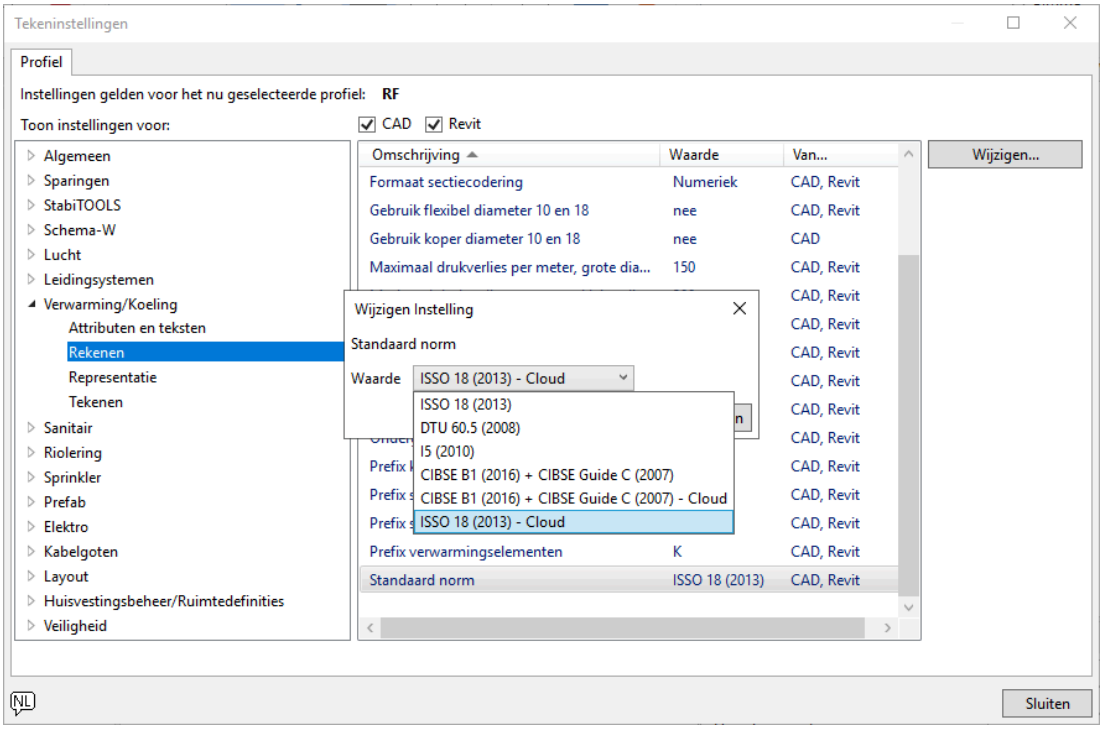


1. **Minimum diameter for opening creation**. In the opening settings there has been a setting added where a minimum diameter can be specified for an opening. For example: The minimum diameter is set to 50mm. There is a 12mm pipe interfering with a wall, in this case there won't be an opening created. Be aware that this specifies the minimum diameter of the Opening, not the minimum diameter of the element. This means that the insulation and margin are included as well.
2. It's now possible to **specify different margins for round and rectangular duct accessories**, while these often need a bigger margin than the other duct openings. These openings are created based on the connector size of the accessory and not on the geometry.
3. **For rectangular openings, the margins can now be specified way more precisely**. Instead of a single margin, the margin can now be specified specifically for Left, Right, Bottom and Top. This has been implemented for all rectangular openings.

   Important: If your project contains openings created with a Stabicad version older than 24.06, a pop-up will occur when the model opens to update the openings families to a newer version. Please update your openings, otherwise it won't be possible to edit or combine existing openings in the model. If you want to update the families later, you have to reopen the project to get the pop-up message again.

Stabicad for Revit| Mechanical → Heating/Cooling

- **The super fast heating & cooling cloud calculation now supports the standard ISSO 18 (2013)!**
  In StabiBASE users are now able to select the standard ISSO 18 (2013) - Cloud. This will calculate your heating & cooling systems with the new cloud engine which is up to 30x faster than the existing ISSO 18 calculation.



Note that with this release, control calculations are supported. Redimensioning support is expected to follow soon.

Stabicad for Revit| Mechanical → Sanitary

- Solving multiple nodes with sanitary equipment used to reset the calculation properties on sanitary equipment. The calculation properties will now remain on the elements when using the “Solve multiple nodes” function to connect them to the piping system.

Stabicad for Revit| Template

- **The following improvements have been applied to the Stabicad UK templates:**
  - Several Detail Item Tags and Pipe Tags have been added. The new tags are mainly intended to be used in the mechanical diagram- and calculation workflows.
  - Some of the “Engineering Review” view templates are now combined into three different view templates instead of six, and several improvements have been made:
    - Index Run filters have been added
    - ‘Duct Type” Color Schemes / Legends have been added
    - Small fixes and improvements have been done to the view templates
  - The Project parameter “Use Nominal Diameter” has been changed in the shared parameter file from read-only to user modifiable. There were a couple of projects where the setting was not correctly set when importing project standards from another project. Now this can be manually corrected.

Stabicad for Revit| Electrical

- **We have added the ability to calculate cable voltage drop for cables running in fire, according to BS8519:2020.**