

Stabicad 25.03 release

Release Notes United Kingdom (UK)

Highlights of the 25.03 release

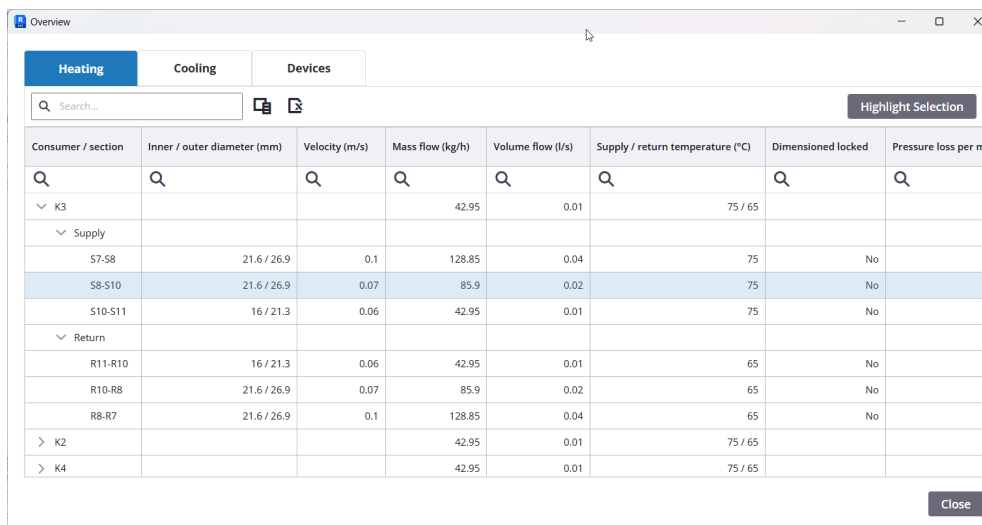
- The user experience of the heating & cooling interactive results dialog has improved.

Stabicad for Revit | Template

- The templates have been updated to reflect BS 7671:2018+A3:2024 requirements.

Stabicad for Revit | Mechanical → Heating and Cooling

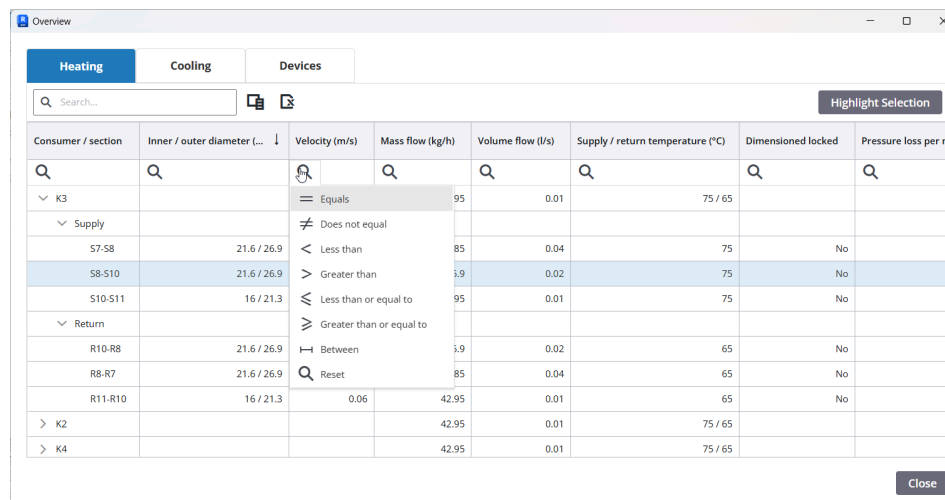
- The generic consumers for heating and cooling as well as the generic boiler and chiller now automatically size their connectors to the size of the connected pipe after the calculation has been completed. This prevents unnecessary reducers from being introduced in the model.
- The user experience of the heating & cooling interactive results dialog has improved.



Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)	Supply / return temperature (°C)	Dimensioned locked	Pressure loss per m
Q	Q	Q	Q	Q	Q	Q	Q
✓ K3			42.95	0.01	75 / 65		
✓ Supply							
S7-S8	21.6 / 26.9	0.1	128.85	0.04	75	No	
S8-S10	21.6 / 26.9	0.07	85.9	0.02	75	No	
S10-S11	16 / 21.3	0.06	42.95	0.01	75	No	
✓ Return							
R11-R10	16 / 21.3	0.06	42.95	0.01	65	No	
R10-R8	21.6 / 26.9	0.07	85.9	0.02	65	No	
R8-R7	21.6 / 26.9	0.1	128.85	0.04	65	No	
> K2			42.95	0.01	75 / 65		
> K4			42.95	0.01	75 / 65		

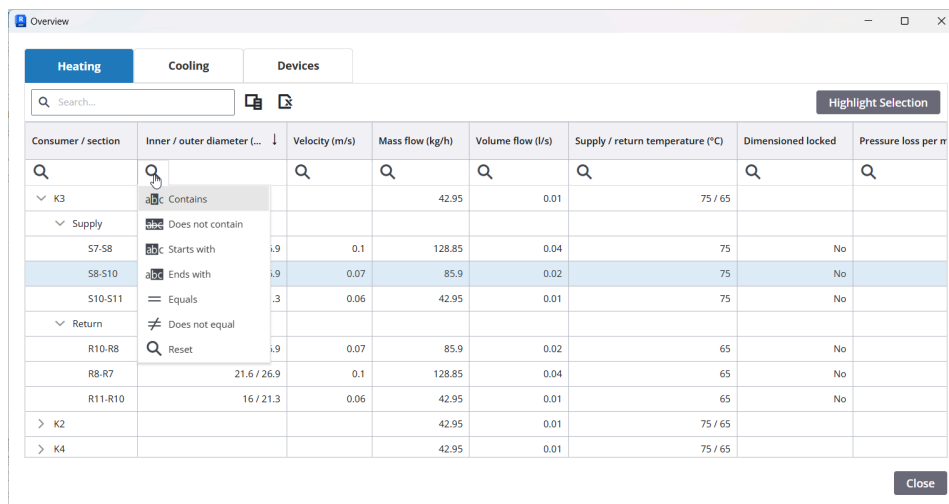
New features include:

- The ability to filter results per column with filters being tailored to the type of data in the column.



Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)	Supply / return temperature (°C)	Dimensioned locked	Pressure loss per m
Q	Q	Q	Q	Q	Q	Q	Q
✓ K3		95		0.01	75 / 65		
✓ Supply							
S7-S8	21.6 / 26.9	85		0.04	75	No	
S8-S10	21.6 / 26.9	5.9		0.02	75	No	
S10-S11	16 / 21.3	95		0.01	75	No	
✓ Return							
R10-R8	21.6 / 26.9	5.9		0.02	65	No	
R8-R7	21.6 / 26.9	85		0.04	65	No	
R11-R10	16 / 21.3	0.06	42.95	0.01	65	No	
> K2			42.95	0.01	75 / 65		
> K4			42.95	0.01	75 / 65		

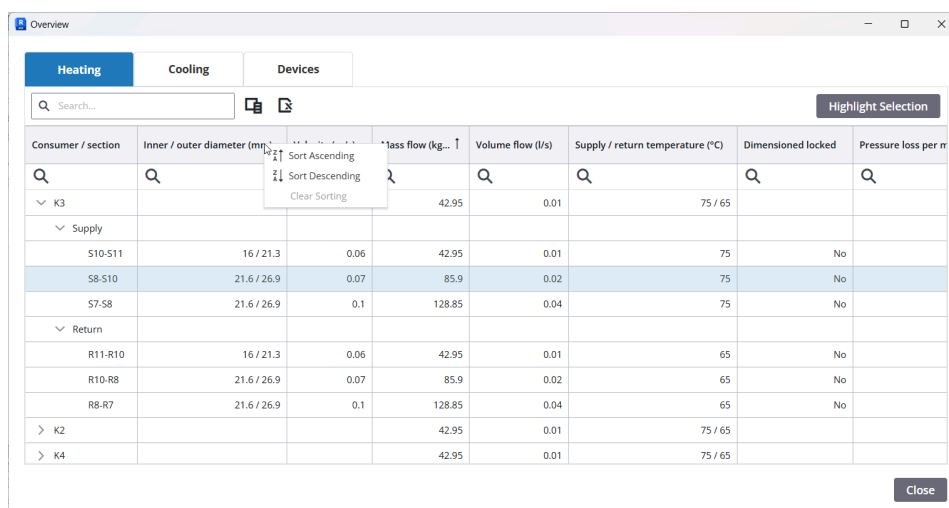
- Use the search field to find a particular term / number. Non matching results are filtered out.



The screenshot shows the 'Overview' window with the 'Heating' tab selected. A search filter is applied to the 'Inner / outer diameter' column, showing results for K3, S7-S8, S8-S10, S10-S11, R10-R8, R8-R7, R11-R10, K2, and K4. The S8-S10 row is highlighted.

Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)	Supply / return temperature (°C)	Dimensioned locked	Pressure loss per meter (Pa/m)
Q	Q	Q	Q	Q	Q	Q	Q
▼ K3	Contains		42.95	0.01	75 / 65		
▼ Supply	Does not contain						
S7-S8	Starts with	0.1	128.85	0.04	75	No	
S8-S10	Ends with	0.07	85.9	0.02	75	No	
S10-S11	Equals	0.06	42.95	0.01	75	No	
▼ Return	Does not equal						
R10-R8	Reset	0.07	85.9	0.02	65	No	
R8-R7	21.6 / 26.9	0.1	128.85	0.04	65	No	
R11-R10	16 / 21.3	0.06	42.95	0.01	65	No	
> K2			42.95	0.01	75 / 65		
> K4			42.95	0.01	75 / 65		

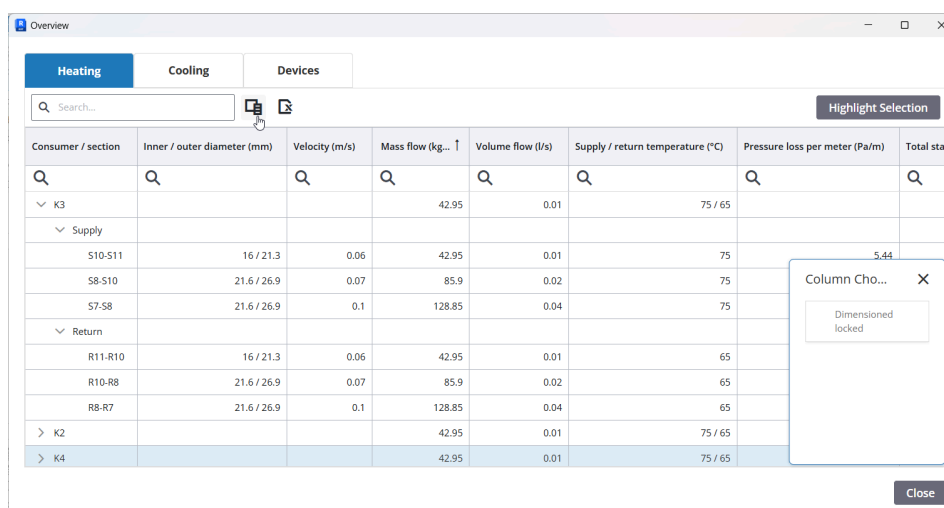
- By clicking on a column header, the results will be sorted either ascending or descending. You can also use the right mouse button.



The screenshot shows the 'Overview' window with the 'Heating' tab selected. A sort filter is applied to the 'Inner / outer diameter' column, showing results for K3, S10-S11, S8-S10, S7-S8, R11-R10, R10-R8, R8-R7, K2, and K4. The S8-S10 row is highlighted.

Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)	Supply / return temperature (°C)	Dimensioned locked	Pressure loss per meter (Pa/m)
Q	Q	Q	Q	Q	Q	Q	Q
▼ K3			42.95	0.01	75 / 65		
▼ Supply							
S10-S11	16 / 21.3	0.06	42.95	0.01	75	No	
S8-S10	21.6 / 26.9	0.07	85.9	0.02	75	No	
S7-S8	21.6 / 26.9	0.1	128.85	0.04	75	No	
▼ Return							
R11-R10	16 / 21.3	0.06	42.95	0.01	65	No	
R10-R8	21.6 / 26.9	0.07	85.9	0.02	65	No	
R8-R7	21.6 / 26.9	0.1	128.85	0.04	65	No	
> K2			42.95	0.01	75 / 65		
> K4			42.95	0.01	75 / 65		

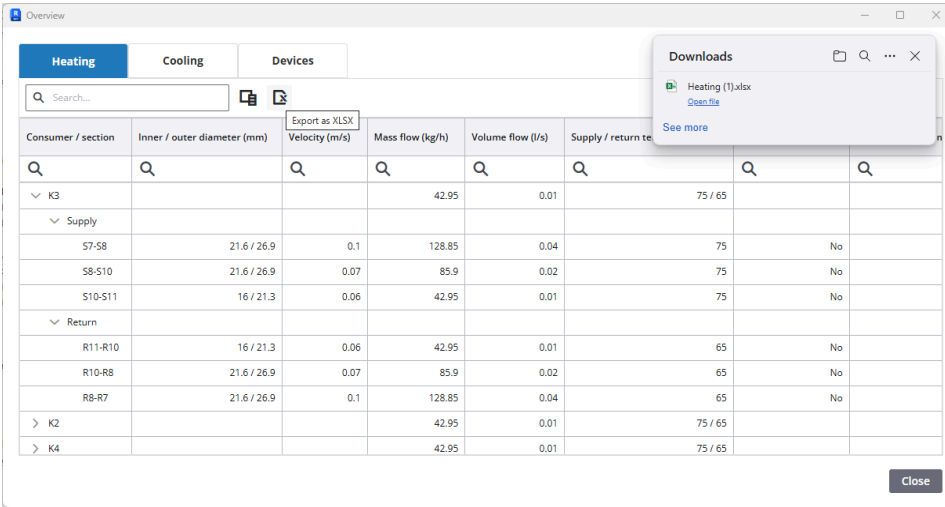
- Remove columns from the overview for a more condensed view that is ready for exporting.



The screenshot shows the 'Overview' window with the 'Heating' tab selected. A 'Column Cho...' dialog box is open, showing a list of columns to be selected for export. The 'Dimensioned locked' column is highlighted.

Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)	Supply / return temperature (°C)	Pressure loss per meter (Pa/m)	Total stat
Q	Q	Q	Q	Q	Q	Q	Q
▼ K3			42.95	0.01	75 / 65		
▼ Supply							
S10-S11	16 / 21.3	0.06	42.95	0.01	75		5.44
S8-S10	21.6 / 26.9	0.07	85.9	0.02	75		
S7-S8	21.6 / 26.9	0.1	128.85	0.04	75		
▼ Return							
R11-R10	16 / 21.3	0.06	42.95	0.01	65		
R10-R8	21.6 / 26.9	0.07	85.9	0.02	65		
R8-R7	21.6 / 26.9	0.1	128.85	0.04	65		
> K2			42.95	0.01	75 / 65		
> K4			42.95	0.01	75 / 65		

- Export to Excel: export the entire table to .xlsx. Only visible columns will be exported.



The screenshot shows the 'Heating' tab in the Stabicad interface. A table displays heating data for various consumers and sections. A 'Downloads' window is open, showing the file 'Heating (1).xlsx' has been downloaded.

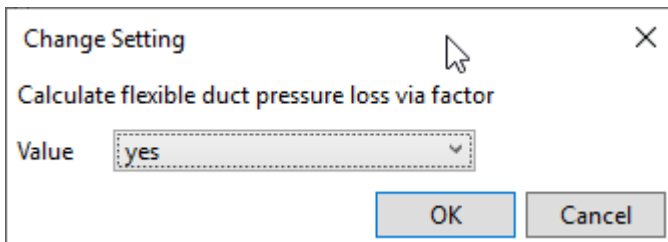
Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)	Supply / return temperature
K3			42.95	0.01	75 / 65
Supply					
S7-S8	21.6 / 26.9	0.1	128.85	0.04	75 / No
S8-S10	21.6 / 26.9	0.07	85.9	0.02	75 / No
S10-S11	16 / 21.3	0.06	42.95	0.01	75 / No
Return					
R11-R10	16 / 21.3	0.06	42.95	0.01	65 / No
R10-R8	21.6 / 26.9	0.07	85.9	0.02	65 / No
R8-R7	21.6 / 26.9	0.1	128.85	0.04	65 / No
K2			42.95	0.01	75 / 65
K4			42.95	0.01	75 / 65

	A	B	C	D	E
1	Consumer / section	Inner / outer diameter (mm)	Velocity (m/s)	Mass flow (kg/h)	Volume flow (l/s)
2	K3			42.95	0.01
3	Supply				
4	S7-S8	21.6 / 26.9	0.1	128.85	0.04
5	S8-S10	21.6 / 26.9	0.07	85.9	0.02
6	S10-S11	16 / 21.3	0.06	42.95	0.01
7	Return				
8	R11-R10	16 / 21.3	0.06	42.95	0.01
9	R10-R8	21.6 / 26.9	0.07	85.9	0.02
10	R8-R7	21.6 / 26.9	0.1	128.85	0.04
11	K2			42.95	0.01
12	Supply				
13	S7-S8	21.6 / 26.9	0.1	128.85	0.04
14	S8-S9	16 / 21.3	0.06	42.95	0.01
15	Return				
16	R9-R8	16 / 21.3	0.06	42.95	0.01
17	R8-R7	21.6 / 26.9	0.1	128.85	0.04

- An issue was solved in the heating & cooling cloud calculation (all standards) that caused pressure losses specified on generic heating and cooling consumers not to be taken into account.

Stabicad for Revit | Mechanical → Ventilation

- A new setting for the CIBSE standard has been added, allowing you to have more control on how pressure losses are calculated for flexible ducts. You can find the setting in StabiBASE → Drawing settings → Ventilation → Calculation → CIBSE Guide C (2007).



The screenshot shows a 'Change Setting' dialog box. The title is 'Calculate flexible duct pressure loss via factor'. The 'Value' is set to 'yes'. There are 'OK' and 'Cancel' buttons.

When set to yes, the software will use a roughness value of 0.15 for flexible ducts and will apply correction factors as specified in table 4.15 of CIBSE Guide C.

When set to no, the software will use a roughness value of 4.6 for flexible ducts and will not apply correction factors as specified in table 4.15 of CIBSE Guide C.