SystemairCAD week 15 release

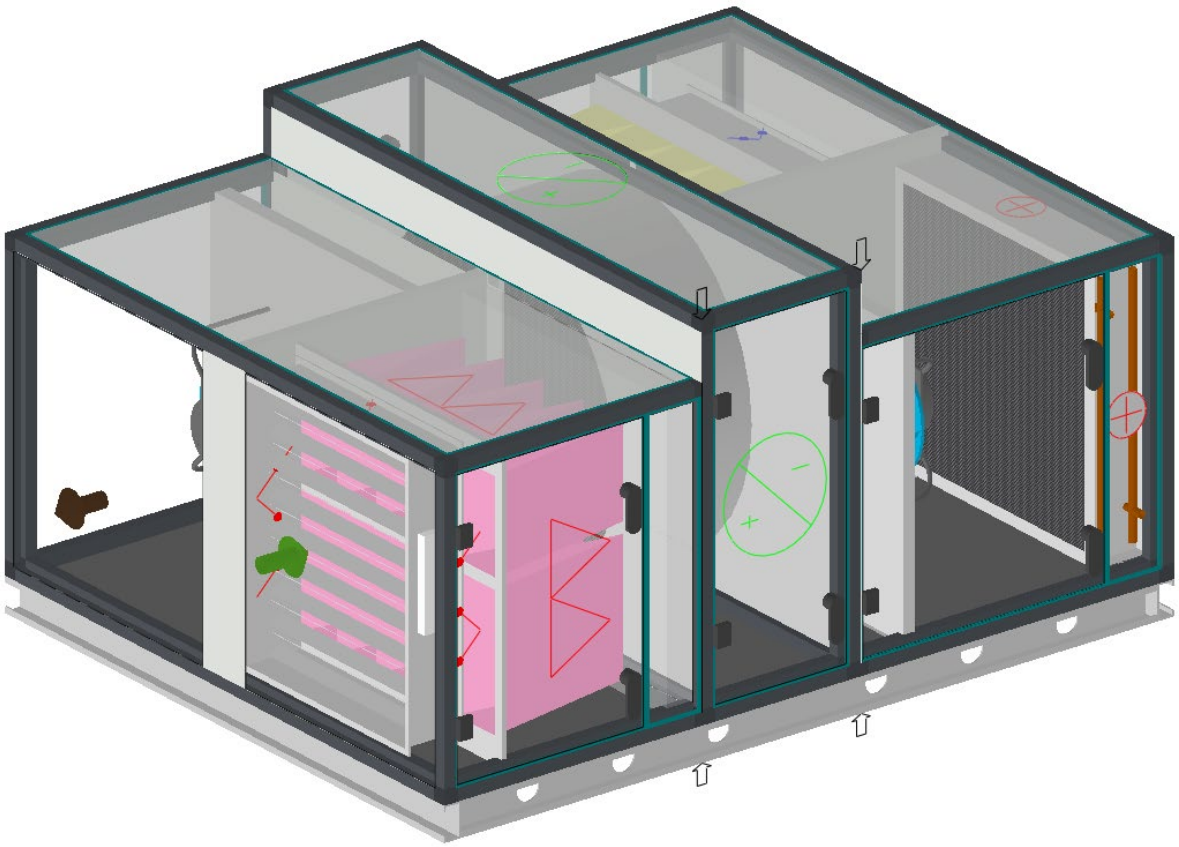
SystemairCAD C2024-04.29.K1

This release contains the following fixes:

- Side By Side units.
- New Defrost free Heat pump.
- Access control system 5.x
- EC Bluefin (Aluminum) fans added in Geniox Core
- CG3500 cylinder filter added.
- Control system flowchart is mirrored when unit is mirrored.
- Update the EuroventEfficiencyClass.dll to version 3 (ECC summer Rev 4.1)
- Hoval Caser DLL update to 2.0.8.0
- Update Recuperator DLL version 1_0_8_0 / Heart A2.3.2.0
- Update Recutech rSelect to use Csharp version of DLL 7.2.0.10
- Update Ziehl Fanselect DLL 1.01 (1.24.02.12)
- DBM Coil DLL updated.

Side By Side units

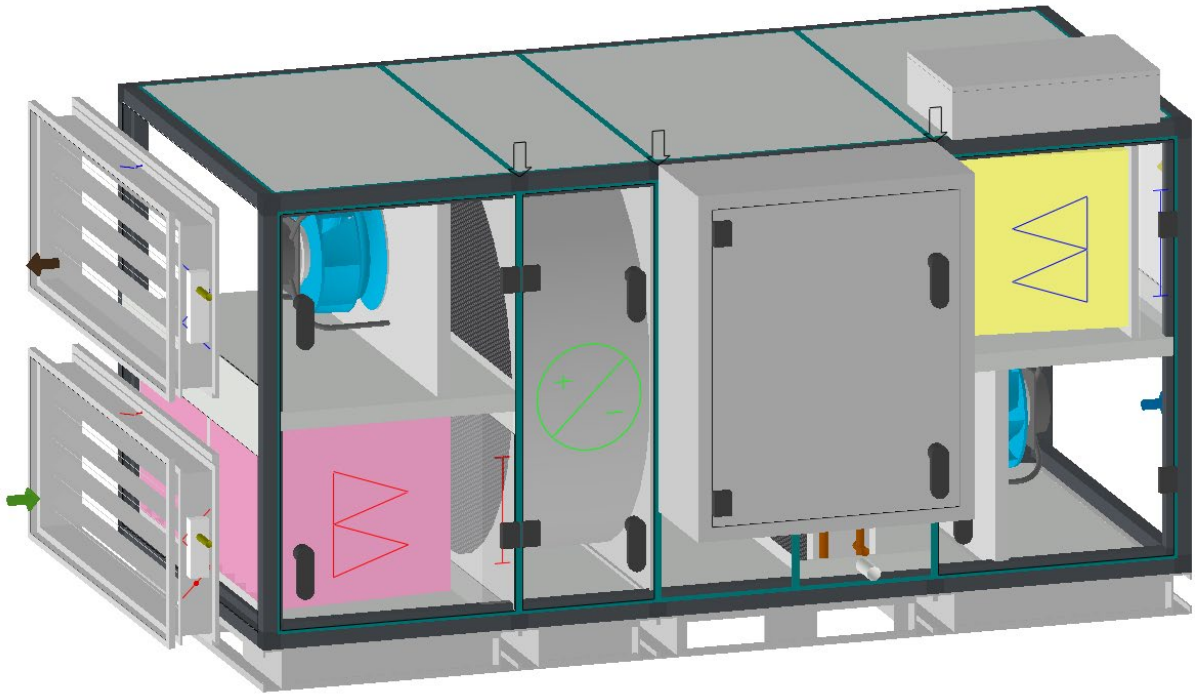
The option to create units where the 2 airflows are beside each other instead of on top of each other is added.



In this first step they are only available on the following markets: Denmark, Netherland, Belgium, France, Germany, Irland and Great Brittan.

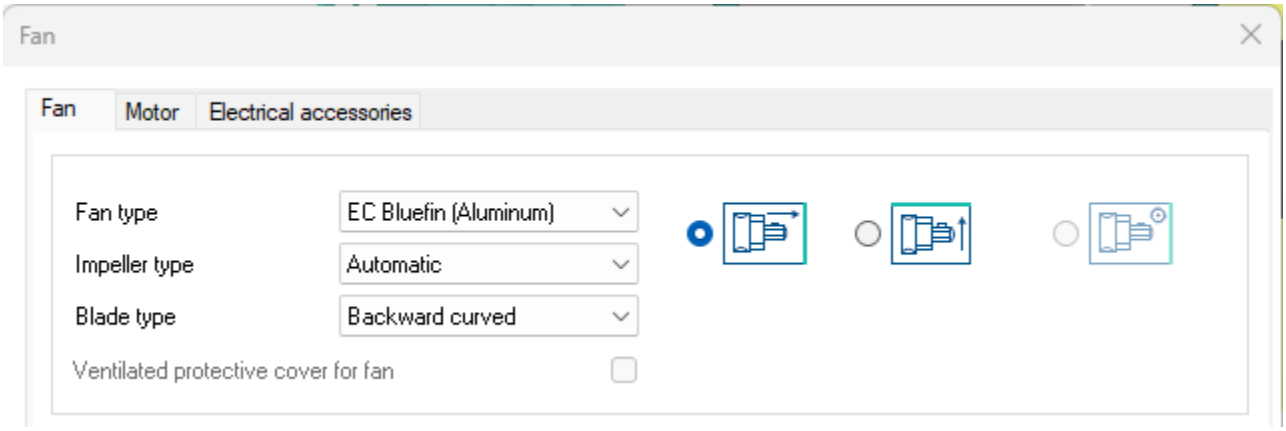
New Defrost free Heat pump.

A new Defrost free Heat pump has been added. It has the condenser and evaporator coils on the same side of the heat exchanger.
The compact design results in the heat pump section having a maximum length of 900 mm so it can easily be carried into a building.



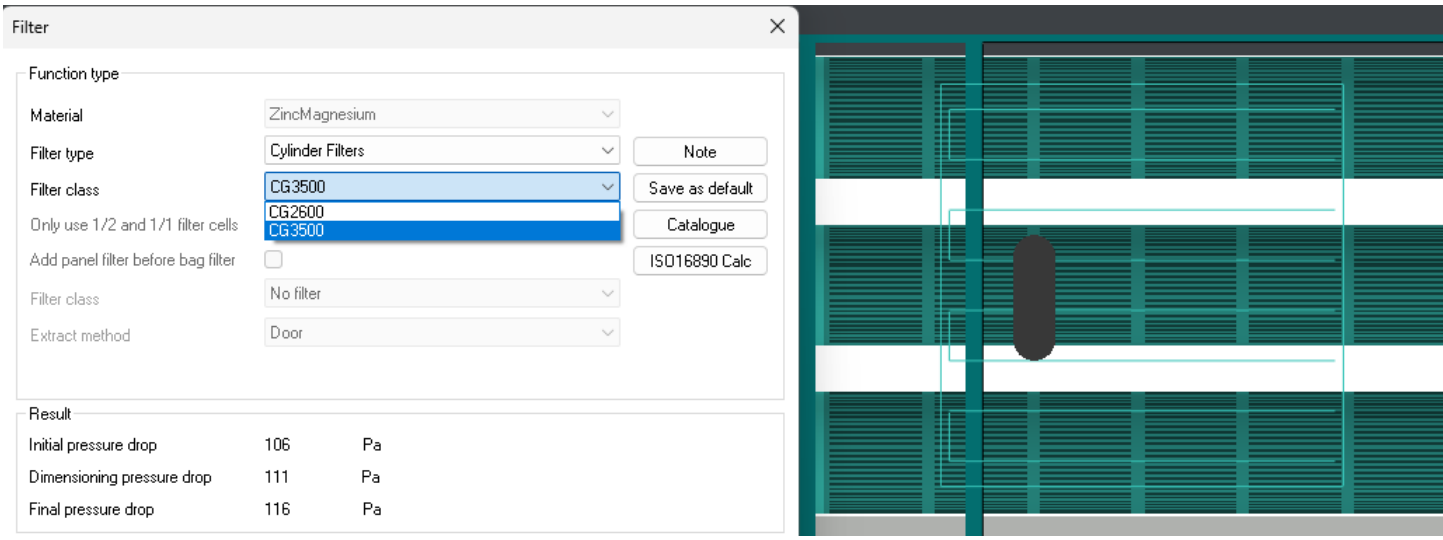
EC Bluefin (Aluminum) fans added in Geniox Core

In Geniox Core the old EC Blue (Aluminum) fans have been replaced with new more efficient EC Bluefin (Aluminum) fans.



CG3500 cylinder filter added.

New CG3500 cylinder filters are added so we now have two options for Cylinder filters.
The CG3500 filters is longer than CG2600 but they have a lower pressure drop.

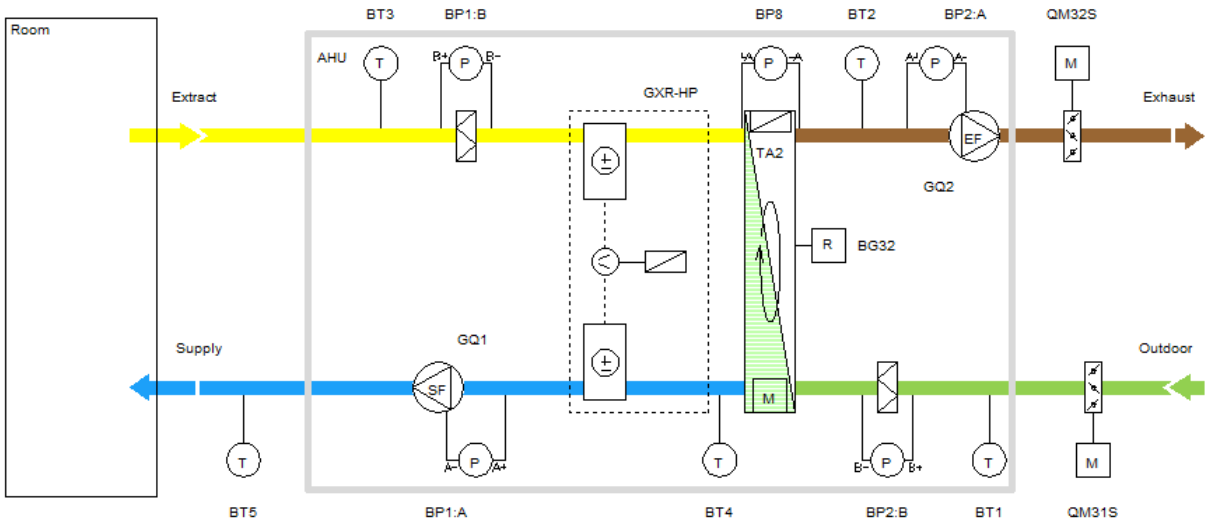


Access control system 5.x

The Access control system is updated to the new 5.x release.
Access 5.x only works with “Access control system – dialog 2.0” and therefore the old “Systemair Control System” dialog can no longer be selected.
Old quotations created in older versions of SystemairCAD with “Systemair Control System” and Access 4.x can still be opened and calculated with old versions. Users will also have option to update old quotations to Access 5.x.

Control system flowchart is mirrored when unit is mirrored.

The control system flowchart will now be oriented in the same direction as the unit.
If Outdoor air intake is at the right side of the unit, outdoor air will also be displayed at the right side of the control system flowchart.


Room
BT3
BP1:B
BP8
BT2
BP2:A
QM32S
AHU
T
P
M
Extract
GXR-HP
Exhaust
TA2
EF
GQ2
R
BG32
Supply
GQ1
Outdoor
SF
BT5
BP1:A
BT4
BP2:B
BT1
QM31S