

SystemairCAD C2026-09.42.M9.

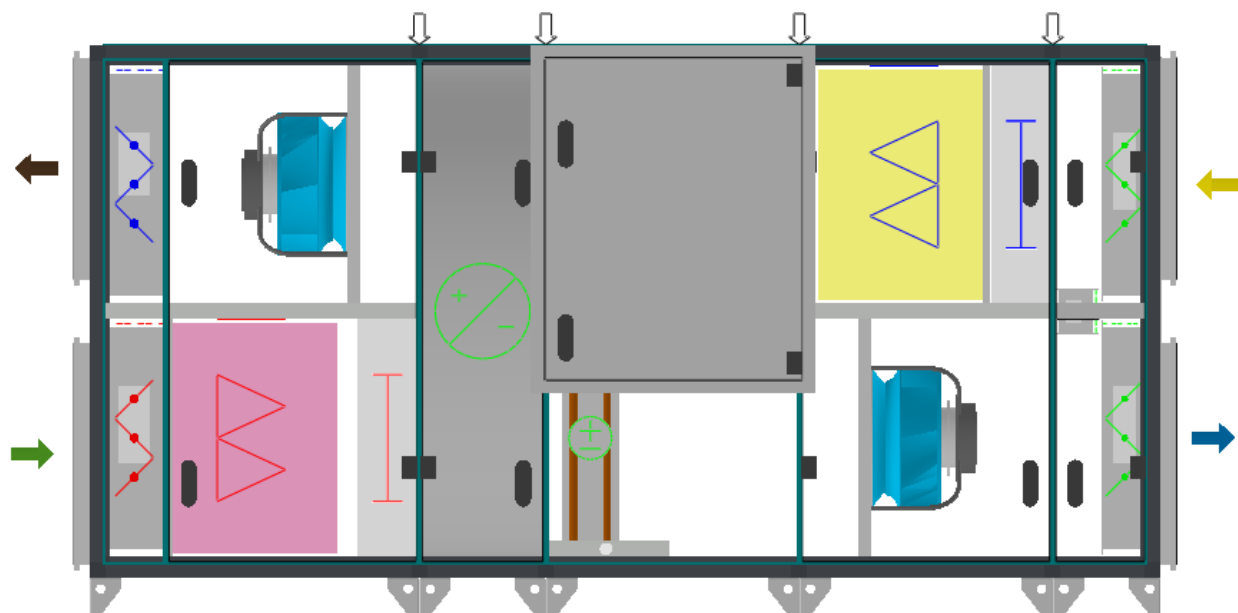
SystemairCAD release notes

The week 36 release contains many small improvements. The major updates are:

- LOW GWP heat pump Geniox 16
- EBM fans in Geniox Core and Geniox GO
- Humidity improvements

LOW GWP heat pump Geniox 16

Geniox 16 is now available as the next step in the heat pump development plans.



The LOW GWP HP in Geniox 16 can handle up to 10440 m³/h.

Geniox 16 HP DFN features the same options and requirements as the previous released HP DFN using R290 as refrigerant.

R290 is setup to be default refrigerant but it is still possible to select R410 in the selection dialog.

Rotary heat exchanger + Heat pump

Heat exchanger type	ST - Condensation (Temperature) ▼
Efficiency (Wave height)	A ▼
Refrigerant	R290 ▼
Boost heater	R410A
	R290
Cooling coil, drip tray material	Stainless steel ▼

EBM fans in Geniox Core and Geniox GO

We experience problems with sourcing fans from Ziehl Abegg currently. As a consequence, we implemented EBM fans as a selectable option in Geniox Core and Geniox GO.

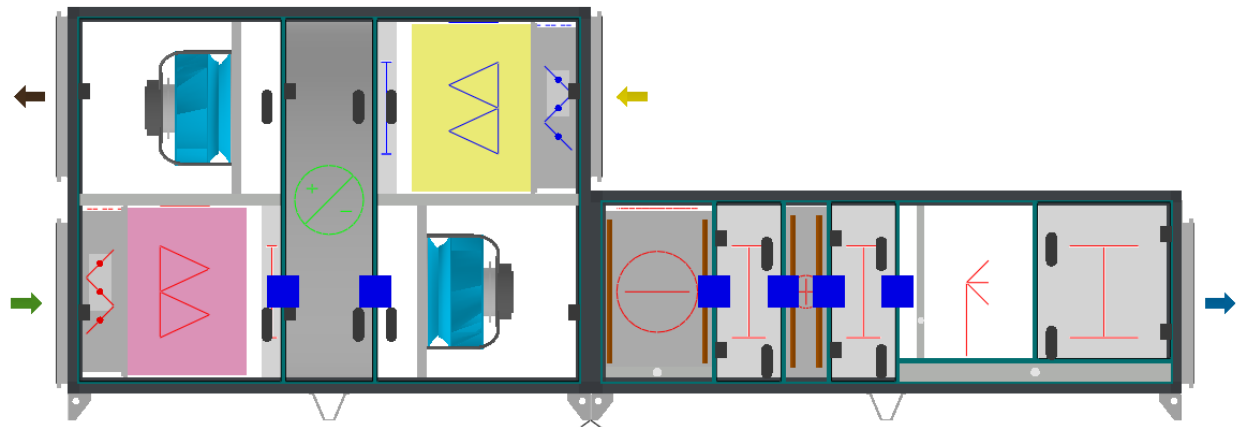
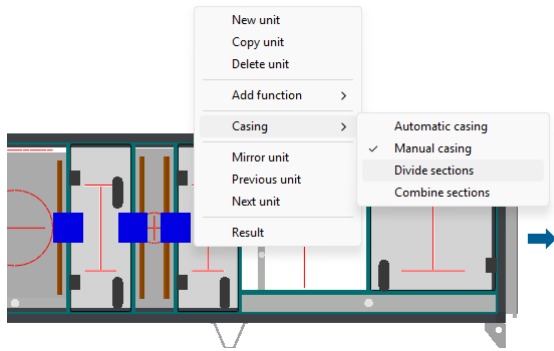
The default fan is EBM RadiPac but it is possible to select Ziehl Abegg as well.

EBM RadiPac fans does not support Emergency operation mode like we know it from Ziehl Abegg. During fire the thermal protection of the motor in the Ziehl Abegg fans can be disabled, making it able to run for 1 hours at 70 deg Celsius in emergency operation mode.

It is important to select Ziehl Abegg Fan's if smoke extract during fire is required.

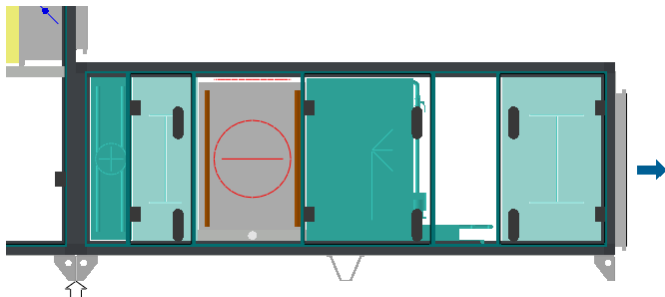
Humidity section improvements

We enabled the option to divide the humidity section. By selecting manual casing and divide sections in the right click menu.



2 new options are added in the humidity selection dialog.

Insert a regular cooling coil in combination with an adiabatic humidification function.



Select without heating coil in combination with an adiabatic humidifier.

