

Release Notes. C2022-12.23.H5

Updated in the latest SystemairCAD includes:

- New Access control system selection and printout
- Unit data and Baseframe data split in to 2 separate dialog boxes
- Hygienic compliance checks corrected
- Geniox size 35 to 44, fan sections lengths reduced
- New type of duct Sound attenuators
- Recutech DLL for calculating counter flow heat exchangers updated
- EBM-RadiPac aluminum Fans removed from Geniox-1, Geniox Core and Geniox On
- New type of duct connected inlet and outlet louvers added in Geniox Core
- Ziehl EC Blue aluminum Fans added to Geniox Core for the French market
- Weights for Geniox Core with rotary heat exchangers and in 3 sections corrected
- Shipping section weights is corrected for units with Gable steel roof
- The option to select PM plug fans removed from Geniox-2
- Cooling stock coils for Geniox Go
- Weights for Geniox Go units corrected

New Access control system selection and printout

We have redesigned the Systemair control system selection and printout.

Both the old Control system selection “Systemair Control system” and the new “Access control system 2.0” can be selected in the Control system dialog.

With the new “Access control system 2.0” there are options to print extra information for the customer.

1: Geniox 16
+

Project
Default values
Unit data
Drawing
Result
Energy
Price
Print and Preview

Recipient
Printout
According to recipient

		Unit description	Calculated	Price calculated
1	<input checked="" type="checkbox"/>	Geniox 16	OK	No

Select all
Remove all
Page footer

Front page
☐ Quotation front page
☐ Order confirmation
☐ Delivery note and the list of parts
☐ Price summary
☒ No front page

Technical specification
☒ Full technical specification
☐ Short technical specification
☐ Specification text (.rtf)
☐ No technical specification

Details
☒ Overview, unit and working points
☐ Drawing Wireframe - high quality
☐ Ix diagram
☒ Ecodesign
☐ Summary of notes for printout to customers
☐ Summary of notes for print-out to production

Print SFPv value for clean filters
☒ Including and excluding frequency converter
☐ Including frequency converter
☐ Excluding frequency converter
☒ Print SFPv

Control system
☒ Control system PDF

Details
☒ Flow chart Color
☒ Function description
☒ List of delivered components
☒ External connections Graphic
☒ Communication via BMS Modbus

Preview and Print
Send by e-mail
Export to CRM
Export to M3
Export Data
Spare part list

Unit data and Baseframe data split in to 2 separate dialog boxes

Baseframe selection options is moved from the unit dialog to a separate dialog.

The baseframe options can be selected by double clicking the baseframe or right clicking the baseframe and select Data in the menu.

Unit data

Casing material

ZincMagnesium

Stacked unit

☐

Divide doors and panels on the inspection side

☐

Hygienic

☐

Eurovent HAHU 1 star

☐

VDI 6022-1 Certified

☐

Eurovent HAHU 2 star

☐

Roof unit

☐

Roof type

Bitumen membrane

Roof on both units

Roof only on supply unit

Roof only on extract unit

Include door retainers

☐

Duct connections

None

Inlet louvre

☐

Outlet hood

☐

Mirror louvre

☐

OK

Cancel

Unit base frame

Baseframe type

Baseframe

Baseframe height

218

mm

Painted baseframe - grey - RAL 7024

☐

Supply unit

☒

Extract unit

☒

Unit is delivered mounted on base frame

☐

Base frame with holes for hand truck and truck forks

☐

High legs for base frame

☐

Anti-vibration pads

☐

OK

Cancel

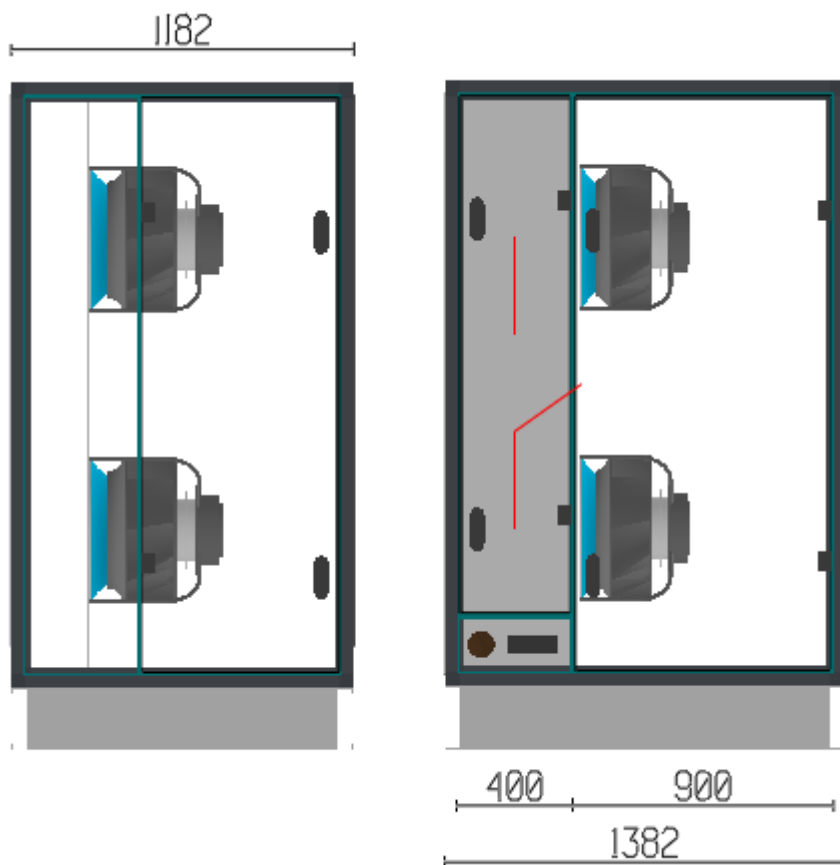
Hygienic compliance checks corrected

The Hygienic compliance check is updated so it cannot be bypassed by doing calculations in a certain order.

Geniox size 35 to 44, fan sections lengths reduced

In Geniox size 35 to 44, the fan sections lengths is reduced by 200 mm if there is no control system in front of the fan.

If control system is selected then the 200 mm will be added again so the 400 mm control cabinet can be in front of the fan wall.



New type of duct Sound attenuators

Duct sound attenuator baffles are change from a 130mm baffle thickness to 150 mm. There are also introduced a new selection where it is possible to select between 2 distances between the baffles in the section, 50 mm, and 75 mm.

The duct sound attenuators can be selected in lengths of 600, 900 and 1200 mm.

Sound attenuator		?	×
Function type			
Length	900		Note
Baffles	Standard		Save as default
Baffle size	150-75		Catalogue
	150-75		
	150-50		

Recutech DLL for calculating counter flow heat exchangers updated

The Recutech DLL that is used for calculating counter flow heat exchangers is updated to latest version.

EBM RadiPac aluminum Fans removed from Geniox-1, Geniox Core and Geniox On

The EBM RadiPac aluminum fans can no longer be selected in Geniox-1, Geniox Core and Geniox Go.

New type of duct connected inlet and outlet louvers added in Geniox Core

For Geniox Core we have added a new type of inlet and outlet louvers.

The new louvers will guide the air to the front or back side of the unit and can be selected in the unit data dialog.

The new louvers will be delivered loos and can be clicked to the duct connection.

Unit data

Casing material

ZincMagnesium

Stacked unit

☐

Hygienic

☐

Eurovent HAHU 1 star

☐

VDI 6022-1 Certified

☐

Eurovent HAHU 2 star

☐

Outdoor unit

☒

Roof type

Bitumen membrane

☒ Roof on both units

☐ Roof only on supply unit

☐ Roof only on extract unit

Include door retainers

☐

Duct connections

Rigid duct connection 20 mm, ZM310

Inlet louver

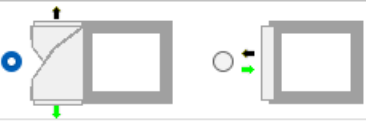
☒

Outlet hood

☒

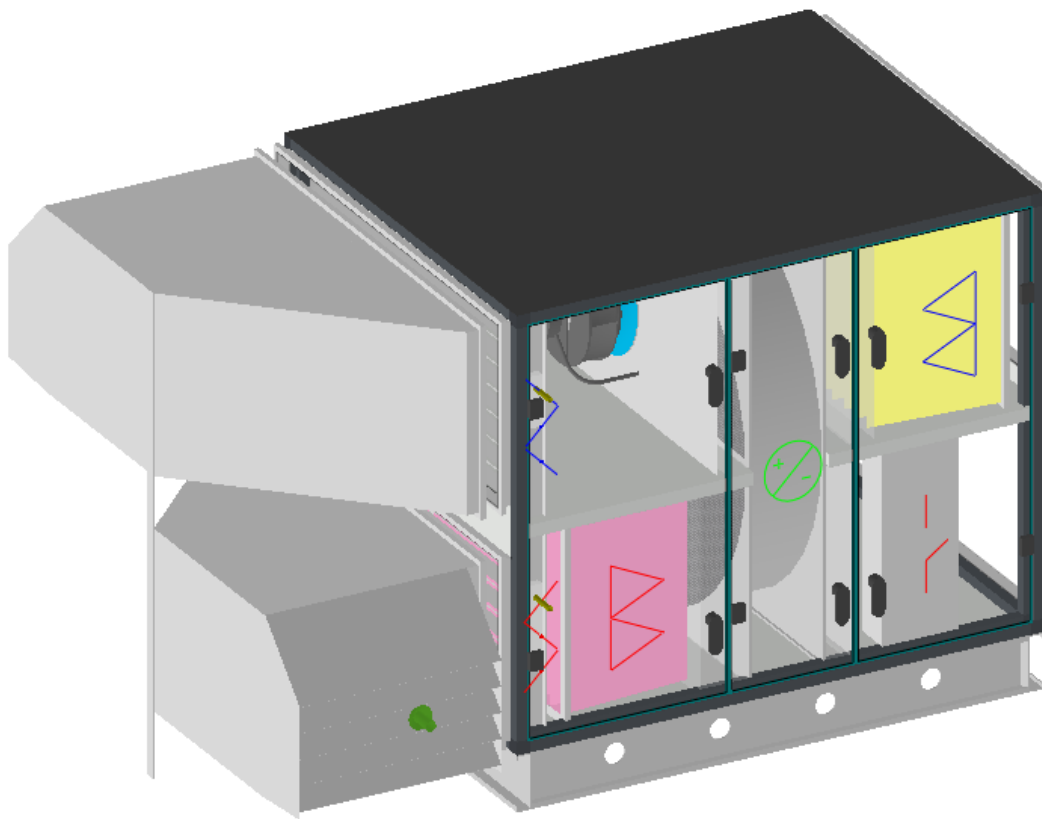
Mirror louver

☐



OK

Cancel



Ziehl EC Blue aluminum Fans added to Geniox Core for the French market

The EC Blue aluminum fans from Ziehl that has been in Geniox it also available in Geniox Core for the French market now.

Weights for Geniox Core with rotary heat exchangers and in 3 sections corrected

If the Geniox Core with rotary heat exchanger was divided in 3 casings then the weights of the casings was to high. The weights for the casings has now been corrected.

Shipping section weights is corrected for units with Gable steel roof

If a unit was delivered with the Gable steel roof, the weight of the roof was not included in the weights listed under section about shipping. That is now corrected so the weights include the weight of the roof.

The option to select PM plug fans removed from Geniox-2

The PM (IE4) plug fans are removed from Geniox-2.

Cooling stock coils for Geniox Go

Geniox Go will have some preselected stock coils for cooling. If one of the stock coils can deliver the needed capacity then the stock coil will be selected, otherwise a customized coil can be configured.

Weights for Geniox Go units corrected

Some missing weights for Geniox Go is added.