

## C2025-06-35-K8

### SystemairCAD release notes

#### New features in the release:

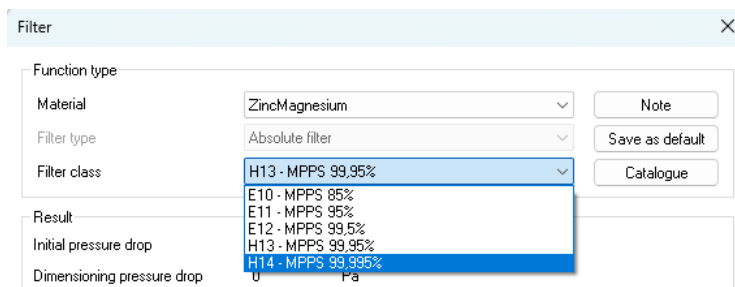
- **Absolute filters**
- **Flat steel roof**
- **Casing base frame options updated**

### Absolute filters

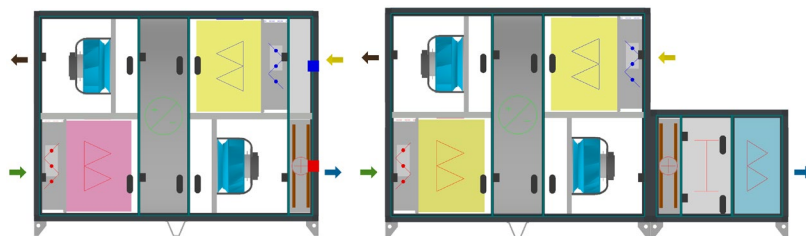
The Absolute filters is a separate function with a separate icon in the toolbar.



5 filter classes are available, and can be selected from the filter dialog.



The insertion points are limited compared to a “normal” filter. It is only possible to insert a Absolute filter as the last function in the supply air, or the first function in the extract air.

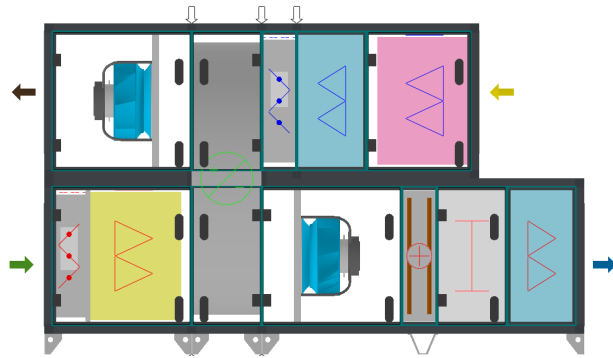


The filter is always combined with an inspection section Infront of the filter, and there will always be a casing division after the Absolute filter. The casing division is necessary to eliminate the filter bypass.

Minimum length of the inspection section is 400 mm in Geniox10 to Geniox 16 and 500 mm from Geniox 18 to Geniox 44.

The stage one filter must have a minimum efficiency of ePM1 85%. The stage one filter is updated automatically when the Absolute filter is inserted.

Positioning Absolute filters in both supply and extract air, is only possible in units with stacked casing configuration.



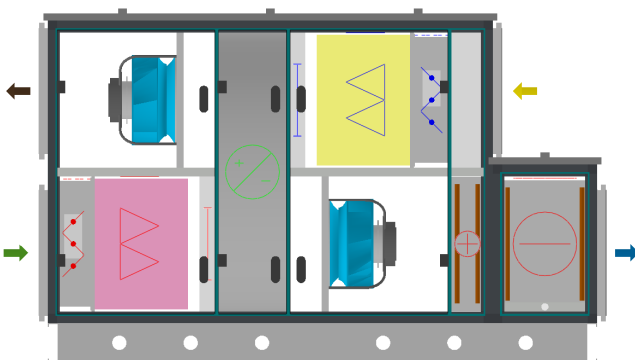
## Flat steel roof

Flat steel roof is a new option for Geniox air handling units. The roof is an alternative to the trapezoidal roof.

The roof is selected in the Unit data dialog under roof type, as all other roof options.

Outdoor unit	<input checked="" type="checkbox"/>
Roof type	<div>Gable roof plates - Steel</div>
	<div><input checked="" type="radio"/> Roof on both units</div>
	<div><input type="radio"/> Roof only on supply unit</div>
	<div><input type="radio"/> Roof only on extract unit</div>
Include door retainers	<input type="checkbox"/>

An advantage for this roof type, is the possibility to use the single / double high casing combinations, and still use this roof type.



## Casing base frame options updated

The combinations of panel colour's and base frame colour's are updated.

ZM310 panel / doors / posts are only available in combination with ZM310 base frame.

Pre-painted panel / doors / posts are only available in combination with pre-painted base frame.