

Geniox Air Handling Units

ECO Sizes Offer Improved Heat Recovery



Geniox with ECO heat exchangers

Increase energy efficiency in your Geniox air handling unit by selecting a larger, ECO heat exchanger. Only the heat recovery section will be bigger.

Higher efficiency, lower pressure drop!

Improved Heat Recovery

Geniox with ECO heat exchangers: higher performance within the same unit size

Geniox is an integrated, intelligent ventilation solution where innovation, energy saving, sound-proofing and sustainability are key. With this new range of Geniox sizes incorporating larger, ECO heat exchangers you get higher efficiency and lower pressure drop over a range of air flows.

Below are the new Geniox models containing larger, ECO heat exchangers:

- ECO counterflow heat exchanger, sizes 10-18, March 2023
- ECO rotary heat exchanger, sizes 10-31, September 2023
- ECO crossflow heat exchanger, sizes 10-31, September 2023

Geniox dimensions

The performance increases achieved by using the ECO size heat exchangers compared with standard sizes vary according to choice of components and the air velocity in the unit.

ECO - Rotary Heat Exchanger												
Size	10	11	12	14	16	18	20	22	24	27	29	31
Width	1182	1282	1482	1682	1882	2082	2282	2482	2782	2982	3182	3382
Height*	1182	1282	1482	1682	1882	2082	2282	2482	2764	2964	3164	3364
Length	2364	2364	2364	2364	2364	2364	2664	2664	2664	2864	3064	3264



ECO - Crossflow Heat Exchanger												
Size	10	11	12	14	16	18	20	22	24	27	29	31
Width	1182	1282	1482	1682	1882	2082	2282	2482	2782	2982	3182	3382
Height*	1182	1282	1482	1682	1882	2082	2282	2482	2764	2964	3164	3364
Length	3164	3264	3464	3664	3864	3864	4164	4464	4664	5446	5464	5763



ECO - Counterflow Heat Exchanger							
Size	10	11	12	14	16	18	
Width	1182	1282	1482	1682	1882	2082	
Height*	1182	1282	1482	1682	1882	2082	
Length	3464	3464	3564	3864	3864	4064	



*Height excl. legs/base frame. Units can be delivered with a 118 mm or 218 mm high base frame.

A framework for energy efficiency

Explore the flexibility offered by the new Geniox ECO sizes. Choose a smaller Geniox with the same performance, or a unit of the same size offering higher energy efficiency. Components, such as fans and filters, remain the same.

Instead of choosing a larger size Geniox unit, that will require more space, simply select a one-size larger heat recovery section.

Use Systemair's configuration tool SystemairCAD to design your Geniox ECO size unit.

