

**ALUMINIUM COUNTER-FLOW HEAT EXCHANGERS**

**REC+**

Lower price, lower pressure drop



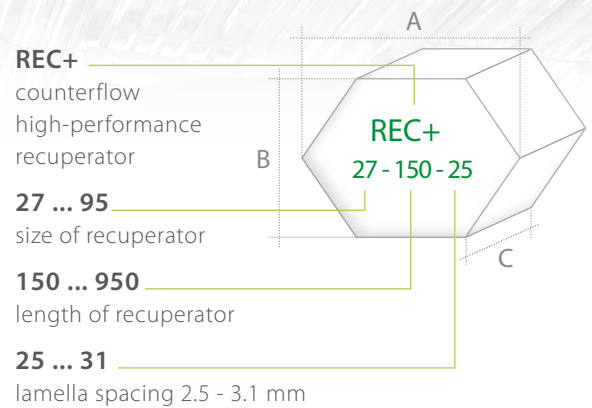
REC+ range is perfect way to comply with Ecodesign 2016 - 2018 ensures high efficiency and low pressure drop. Aimed to replace cross flow heat exchangers. These are mainly used in commercial applications. The principle of exchanging the energy is based on sensible heat.

- Efficiency over 73% fulfilling Ecodesign 2016 - 2018
- Optimized pressure loss
- Double folding technology for all the range = the best tightness and durability on the market
- 100% tightness testing
- Easy recyclable packaging
- Easy handling – using handling strips
- Calculation software and DLL library
- Higher SFP<sub>int</sub> range
- Possibility to have inbuilt bypass
- Combi solution available

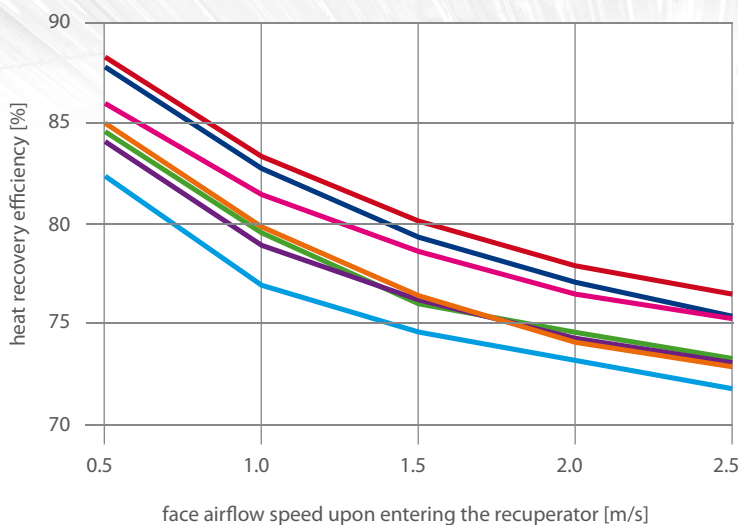
### Dimensions

TYPE	Dimensions [mm]		
	A	B	C
REC+27 ...	496	271	150 ... 950
REC+31 ...	537	312	150 ... 950
REC+39 ...	619	394	150 ... 950
REC+53 ...	758	533	150 ... 950
REC+67 ...	899	674	150 ... 950
REC+81 ...	1040	815	150 ... 950
REC+95 ...	1182	957	150 ... 950

### Key to coding



### Heat recovery efficiency



- REC +27 > plate distance 2.5 mm
- REC +31 > plate distance 2.5 mm
- REC +39 > plate distance 3.0 mm
- REC +53 > plate distance 3.0 mm
- REC +67 > plate distance 2.9 mm
- REC +81 > plate distance 3.1 mm
- REC +95 > plate distance 3.1 mm



Tested according to EN 308. The manufacturer provides design software for precise calculation of any intake conditions.

The inlet/exhaust air flow ratio is 1:1, the outside air temperature -5 °C, and relative humidity 25%. Internal air temperature 25 °C, relative humidity 80%.

