



ALUMINIUM COUNTER-FLOW HEAT EXCHANGERS REK+



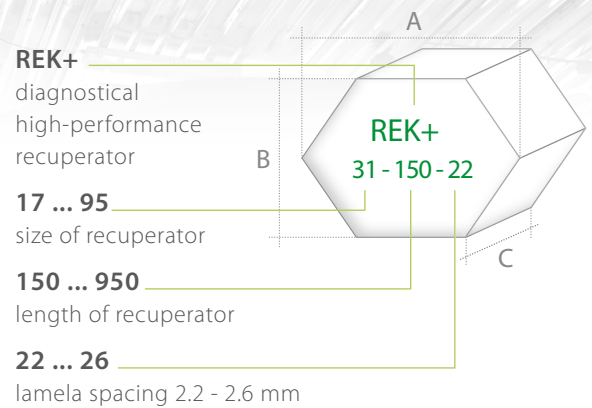
**REK+** counterflow plate heat exchanger is for transfer of heat between incoming and outgoing air in a ventilation system. The heat exchanger does not mix dirty and fresh air, or transfer humidity. It only transfers heat.

- Efficiency up to 90% guaranteed by patented technology
- Optimized pressure loss – computer simulations used
- Double folding technology for all the range = the best tightness and durability on the market
- 100% tightness testing
- Eurovent, RLT certified
- Easy recyclable packaging
- Easy handling – using handling strips
- Calculation software and DLL library
- PassiveHouse ready
- Possibility to have inbuilt bypass
- Possibility of Combi Solution

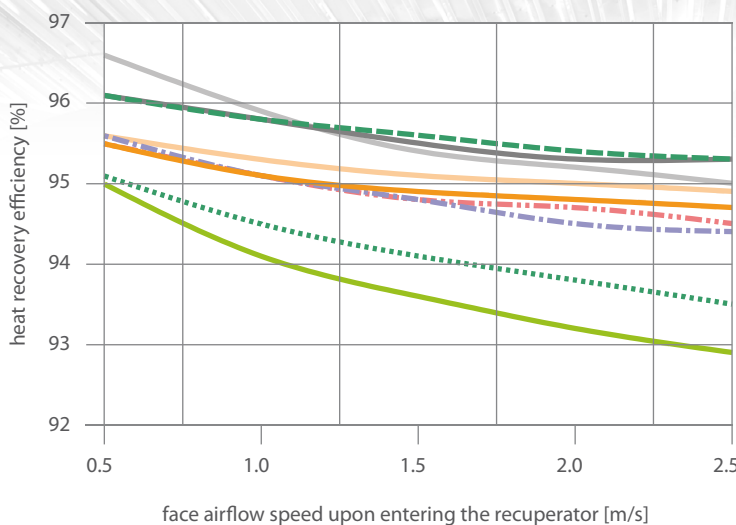
### Dimensions

TYPE	Dimensions [mm]		
	A	B	C
REK+17 ...	397	172	150 ... 950
REK+23 ...	455	230	150 ... 950
REK+27 ...	496	271	150 ... 950
REK+31 ...	537	312	150 ... 950
REK+39 ...	619	394	150 ... 950
REK+53 ...	758	533	150 ... 950
REK+67 ...	899	674	150 ... 950
REK+81 ...	1040	815	150 ... 950
REK+95 ...	1182	957	150 ... 950

### Key to coding



### Heat recovery efficiency



- REK +17
  - REK +23
  - REK +27
  - REK +31
  - REK +39
  - REK +53
  - REK +67
  - REK +81
  - REK +95
- plate distance 2.2 mm
- plate distance 2.4 mm
- plate distance 2.6 mm

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

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

