

 AIR TREATMENT

PLATE HEAT EXCHANGER

RECUTERM®

» PREMIUM PLATE HEAT EXCHANGERS FOR eQ AVAILABLE IN COUNTERFLOW & CROSSFLOW VERSIONS



ECO
design

RECUTERM KEY BENEFITS

- **Recuterm - Crossflow**
 - 70-73% heat transfer efficiency
 - Wide flow range 0,3-7 m³/s
- **Recuterm - Counterflow**
 - 80-85% heat transfer efficiency
 - Wide flow range 0,3-3 m³/s
 - Splittable design for easy entry
- **Recuterm advanced frost protection:**
 - demand control frost protection based on temperature and humidity measurements
 - sectionalized frost protection with 4 dampers for flexible regulation
 - frost protection in 3 levels depending on winter temperature
- **Ecodesign compliant**

Recuterm is the latest development in plate heat exchangers from FläktGroup.

The new range comprises both counterflow and crossflow versions in a number of sizes. Recuterm in eQ rigid casing is a safe choice for applications where there is a risk of odour transfer, such as kitchen extracts or residential buildings.

The Recuterm counterflow exchanger has a unique energy saving optimized (patent pending) construction. Its high heat transfer efficiency, up to 85%*, secures energy efficient operation all year round and minimizes the heating load. Even though it demands physical space, it is a good choice in renovation projects with narrow openings, thanks to the splittable design.

Recuterm crossflow with heat transfer efficiency up to 73%* is compliant with the EU energy directive (ErP) beyond 2018.

FläktGroup's nordic roots means that having one of the most effective and advanced frost protection systems is simply natural. Recuterm advanced frost protection with demand control of dampers for four sections, will for a typical residential building save 8% on the heating demand, compared with a traditional defrost system.

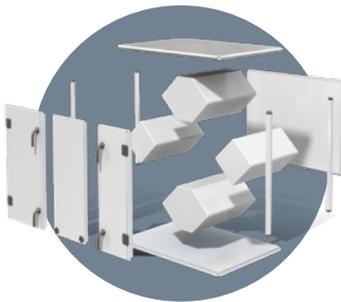
**dry temperature efficiency acc. to EN308*

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FläktGroup®



Recuterm® – the new range of premium high-performance plate heat exchangers from FläktGroup



RECUTERM COUNTERFLOW – ALWAYS SPLITTABLE

Knock-down construction enables Recuterm Counterflow to be easily installed and transported, even in buildings with tight access and narrow openings. Overall width is less than 900 mm.



DEVELOPED TO DELIVER MAXIMUM PERFORMANCE WITH eQ

Recuterm has been developed from the outset to perfectly complement our eQ range. Thorough development and full-scale testing ensures that you can rely on FläktGroup to always deliver maximum energy savings.



RECUTERM ADVANCED FROST PROTECTION

Demand controlled frost protection based on dew point measurements and regulation of dampers for 4 sections. A system for highest possible heat recovery during cold winter days.

Features overview

	Recuterm Crossflow	Recuterm Counterflow
Heat transfer efficiency	70–73%	80–85%
Flow range	0,3–7 m ³ /s	0,3–3 m ³ /s
Available in eQ Master	•	•
Available in eQ Prime	–	•
Recuterm advanced frost protection	•	•
Available in number of eQ sizes	16	7

QUICK AND EASY SELECTION

Our range of selection tools is amongst the most comprehensive of its kind in the world. They are both powerful and easy to use, to ensure that you can always find the optimum and most energy efficient product for your application.

» Get access to all our selection tools at www.flaktgroup.com

