

Hoval Enventus crossflow plate heat exchanger for energy recovery, consisting of exchanger package and casing: The exchanger package consists of aluminium plates with pressed-in spacers; condensate drainage is possible in every direction, depending on the installation position. The plates are connected by a fold, which gives a severalfold material thickness at air entry and exit. The corners of the exchanger package are sealed into especially rigid aluzinc sheet steel connection profiles in the casing with a sealing compound. The side walls of aluzinc sheet steel are riveted tightly to these extrusions. All performance data is certified by Eurovent and TÜV Süd. The suitability of the exchangers for use both in general ventilation technology and in hospitals is certified by independent test institutes.

## Series

V: Aluminium plates and aluzinc sheet steel; differential pressure stability: max. 2000 Pa; silicone-free; resistant to temperatures up to 80 °C

## Construction types

- Double-folded edges on side walls (standard)
- Flat side walls (can be selected as an option)

## Options

- Side bypass: suited to the exchanger package.
- Bypass damper: installed in front of exchanger package and bypass; aluminium damper blades, aluzinc sheet steel housing; high-quality plastic drive gears outside the air flow; leak-tightness class 2 according to EN 1751.
- Horizontal installation: plates arranged horizontally (for exchangers with control dampers up to widths of 950 mm).
- Adapter for actuator: for inside drive of the control dampers