# F-ERV 529

## Lightweight with high performance

FORMABLE MEMBRANE

CORE ENERGY RECOVERY SOLUTIONS | CORE ENERGY RECOVERY SOLUTIONS |

### Description

The F-ERV 529 is the best solution for larger air volumes and maximum efficiency. Equipped with our revolutionary formable polymer membrane technology, the F-ERV 529 combines the benefits of an enthalpy exchanger with the flexibility and efficiency of a heat exchanger. It is capable of transferring moisture while being significantly lighter than other exchangers of its size. It is also characterized by its quality and long product life. With its aluminum housing, the F-ERV 529 is also UL certified.

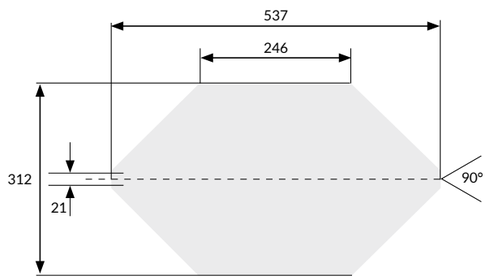
### Product benefits

- Manufactured using a mold and bacteria resistant, cleanable formable polymer membrane
- Standard: Fire protection grid
- Options: Ribs
- Available heights: 50 – 700 mm (in 5 mm steps)
- Leakage: < 1 % of nominal flow rate, 100 % leakage tested
- Material resistance: -20 °C – +50 °C

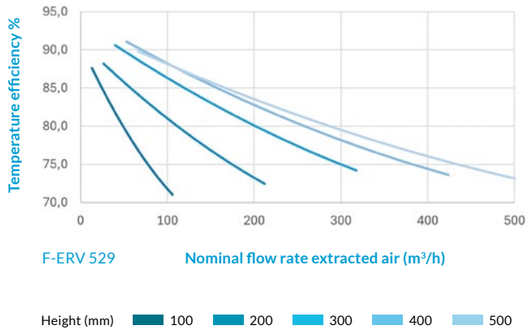
### Standards

- Hygiene Standard
  VDI6022 sheet 1 (01/2018)
  ÖNORM H6021 (01/2023)
  SWKI VA104-01 (01/2019)
- Fire Standard
  DIN EN 13501-1 (Class E)
  Test method EN ISO 11925
- Quality Management
  DIN ISO 9001: 2015
- UL Standard: UL723

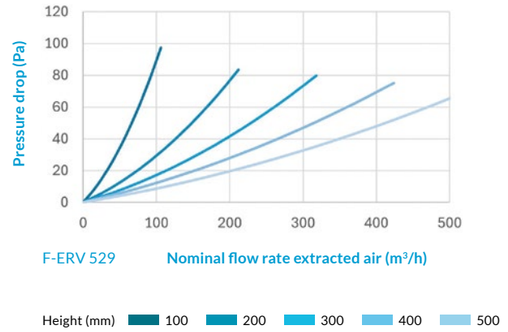
### Product dimensions (mm)




### Temperature efficiency

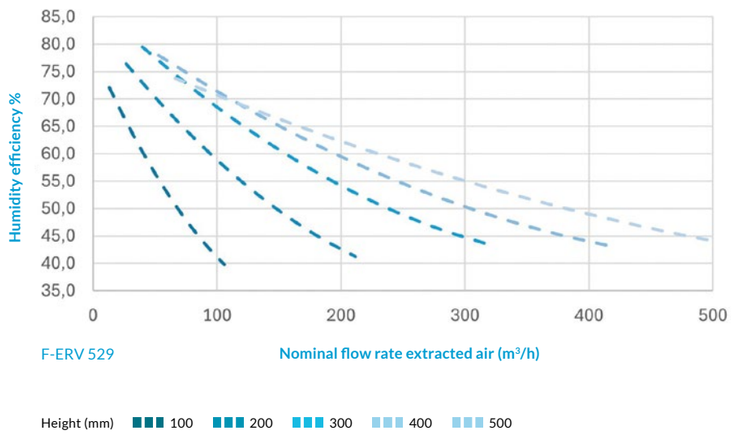



### Pressure drop




Based on test conditions following NEN-EN 308:2022 (Environmental conditions: temp. 5°C, humidity 70 %; inside conditions: 25°C, humidity 50 %)
Calculate your specific conditions with our CORE Online Calculator.

### Humidity efficiency




### Weights (kg)

| Typ | kg |
|---|---|
| F-ERV529-H100-G | 1.87 |
| F-ERV529-H200-G | 2.87 |
| F-ERV529-H300-G | 3.87 |
| F-ERV529-H400-G | 4.90 |
| F-ERV529-H500-G | 5.92 |