

F-ERV 529

Lightweight with high performance



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 life. With its aluminum housing, the F-ERV 529 also has UL certification.



Product benefits

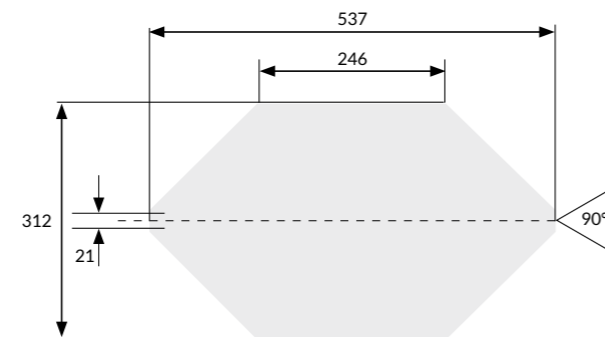
- Manufactured using a mold and bacteria resistant, cleanable formable polymer membrane
- Standard: Fire protection grid
- Options: Rib
- Available heights: 50 – 700 mm (in 5 mm steps)
- Leakage: < 1% of nominal flow rate, 100 % leakage tested
- Material resistance: -20 °C – +50 °C

Standards

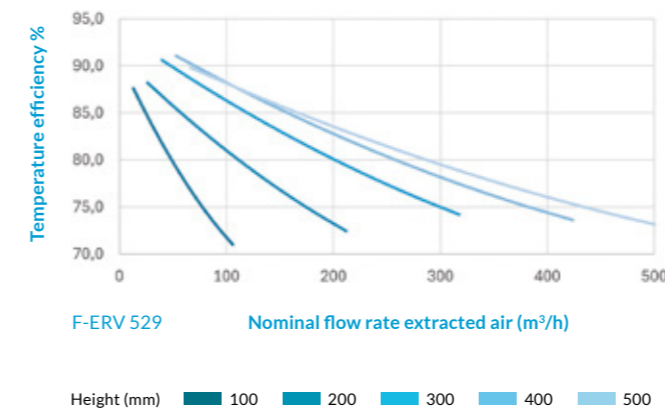
- Hygiene Standard
VDI6022 sheet 1 (01/2018)
ÖNORM H6021 (01/2023)
SWKI VA104-01 (01/2019)
- Fire Standard
EN DIN13501-1 (Class E)
ISO 11925 (Class E)
- Quality Management
DIN ISO 9001: 2015
- UL Standard: UL723



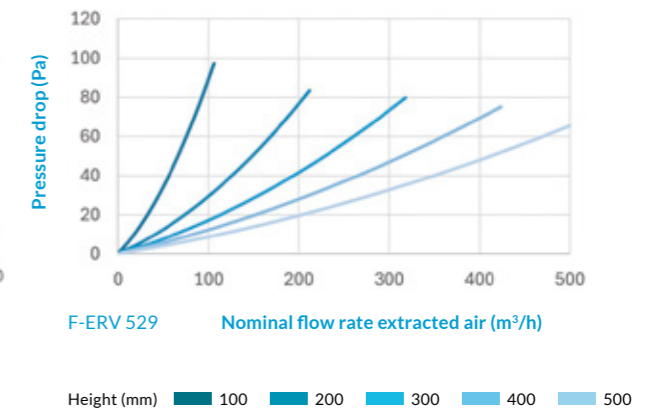
Product dimensions (mm)



Temperature efficiency

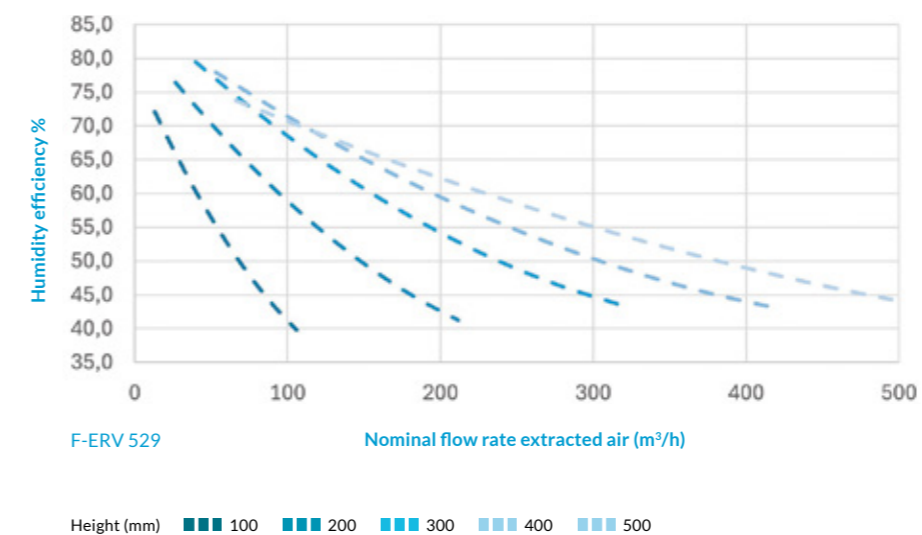


Pressure drop



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 |