

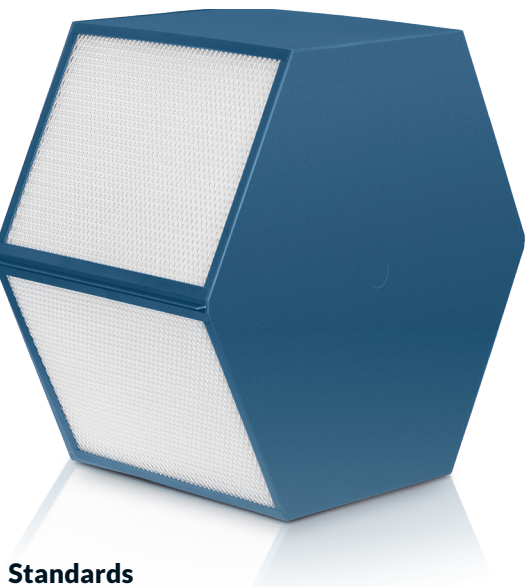
F-ERV 366

Lightweight enthalpy exchanger with maximum efficiency



Description

Equipped with revolutionary formable polymer membrane technology, the F-ERV 366 combines the benefits of an enthalpy exchanger with the flexibility and efficiency of a heat exchanger (C-HRV). The formable membrane of the F-ERV 366 enhances heat and humidity transfer, resulting in improved overall efficiency. This lightweight enthalpy exchanger offers more design and customization options for a wide range of applications. Sustainability without compromise: less material, shorter production steps and the recyclability of the membranes contribute to an improvement in environmental conditions. With an aluminum housing, the F-ERV 366 also has UL certification.



Product benefits

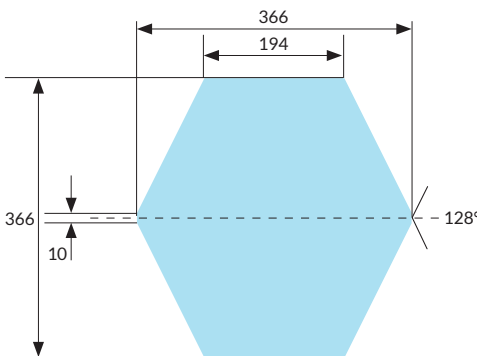
- Manufactured using a mold and bacteria resistant, cleanable formable polymer membrane
- Option: rib, fire protection grid, aluminum housing
- Available heights: 50 – 500 mm (in 5mm steps)
- Leakage: < 1% of nominal flow rate, 100% leakage tested
- Material resistance: -20 °C – +50 °C

Standards

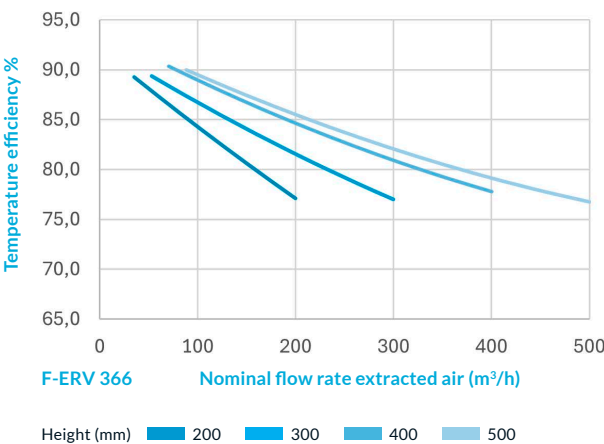
- Hygiene Standard
VDI6022 sheet 1 (01/2018)
ÖNORM H6021 (01/2023)
SWKI VA104-01 (01/2019)
- Fire Standard
EN DIN13501-1 (Class E)
ISO 11925 (Class E)
- Quality Management
DIN ISO 9001: 2015
- UL Standard: UL723



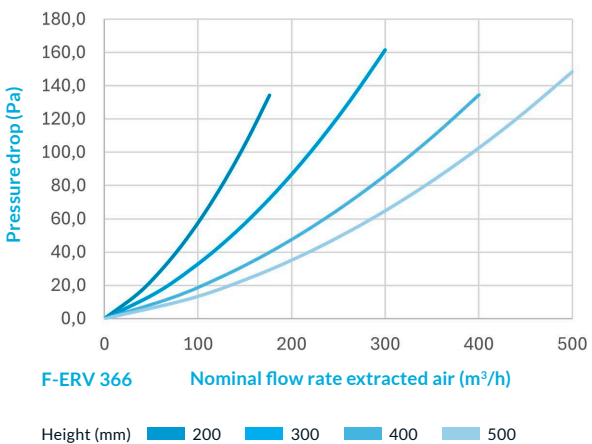
Dimensions [mm]



Temperature efficiency

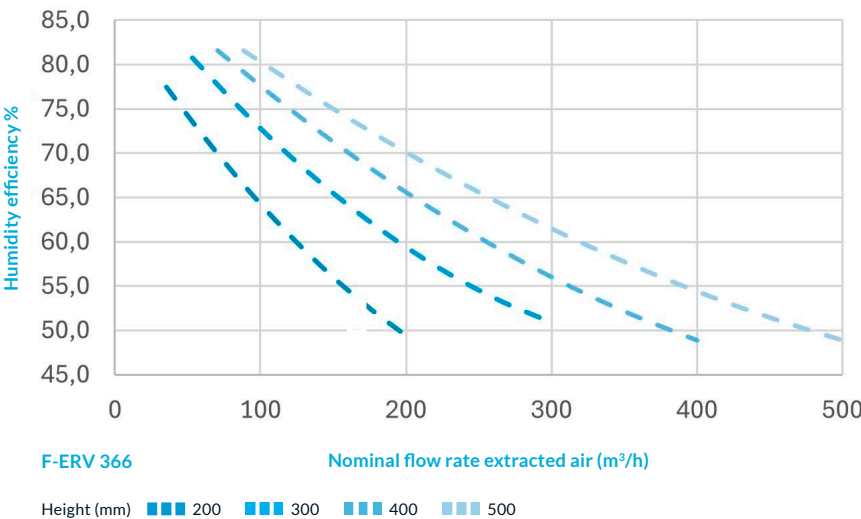


Pressure drop



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

Humidity efficiency



Weights (kg)

| Typ | kg |
|-----------------|------|
| F-ERV366-H100-S | 1,05 |
| F-ERV366-H200-S | 1,65 |
| F-ERV366-H300-S | 2,25 |
| F-ERV366-H400-S | 2,88 |
| F-ERV366-H500-S | 3,47 |