

# C-ERV 488

## Special design for special applications

### Description

The C-ERV 488, with its aluminum housing, is a high-performing counterflow enthalpy exchanger. Its unique patented channel design ensures maximum efficiency. The special membrane allows the transfer of humidity. The C-ERV 488 is characterized by the highest quality, a long life and low maintenance. The C-ERV 488 differs mainly in its standard dimensions and was developed to fulfill customer requirements.



### Product benefits

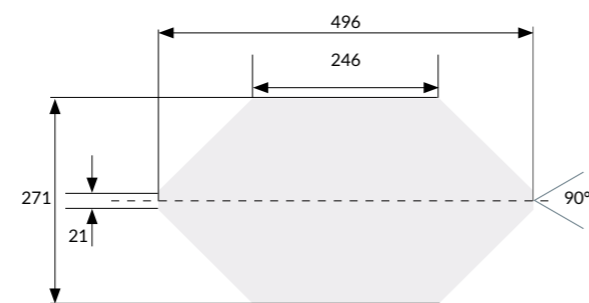
- Manufactured using a mold and bacteria resistant, cleanable polymer membrane
- Option: Rib
- Available heights: 50 - 500 mm (in 5mm steps)
- Leakage: < 1% of nominal flow rate, 100% leakage tested
- Material resistance: -20 °C - +50 °C

### Standards

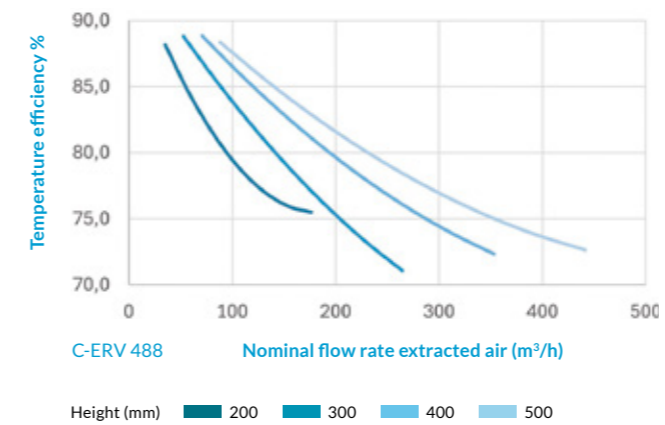
- Hygiene Standard  
VDI6022 sheet 1 (01/2018)  
ÖNORM H6021 (01/2023)  
SWKI VA104-01 (01/2019)
- Fire Standard  
EN DIN13501-1 (Class E)  
ISO 11925 (Class E)
- Quality Management  
DIN ISO 9001: 2015



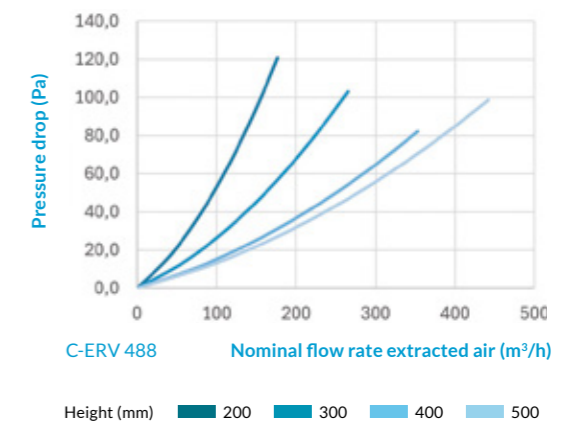
### Product dimensions (mm)



### Temperature efficiency

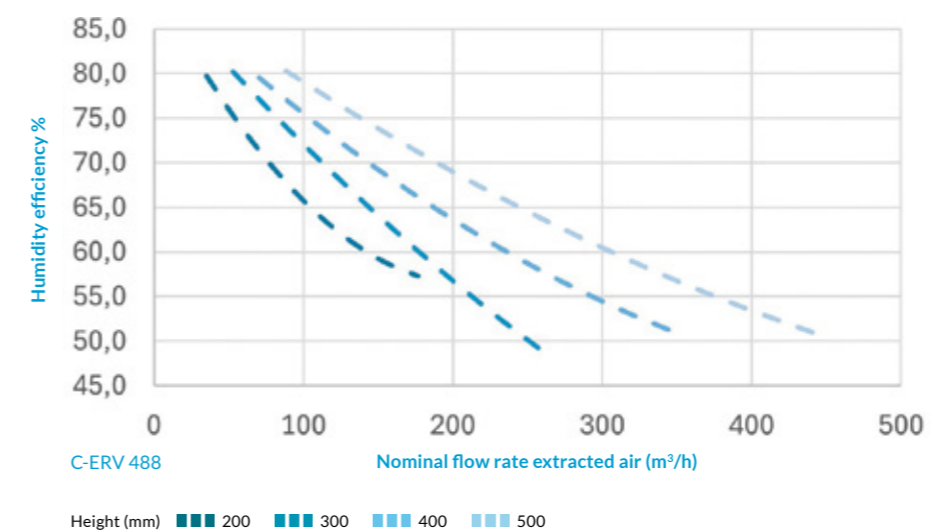


### Pressure drop



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
ERV488-H100-S	2,68
ERV488-H200-S	4,91
ERV488-H300-S	7,03
ERV488-H400-S	9,22
ERV488-H500-S	11,38