

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 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 product life and low maintenance. The C-ERV 488 differs mainly in its standard dimensions and was developed to fulfill customer requirements.



Product benefits

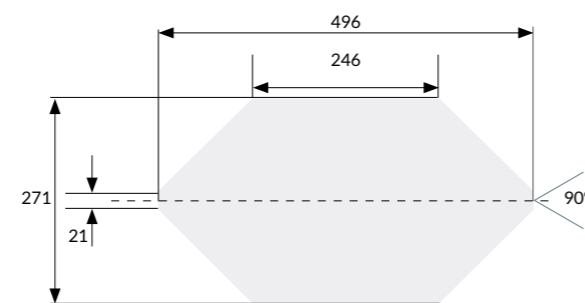
- Manufactured using a mold and bacteria resistant, cleanable polymer membrane
- Option: Ribs
- Available heights: 50 – 500 mm (in 5 mm steps)
- Leakage: < 1% of nominal flow rate, 100% leakage tested
- Material resistance: -20 °C – +50 °C

Standards

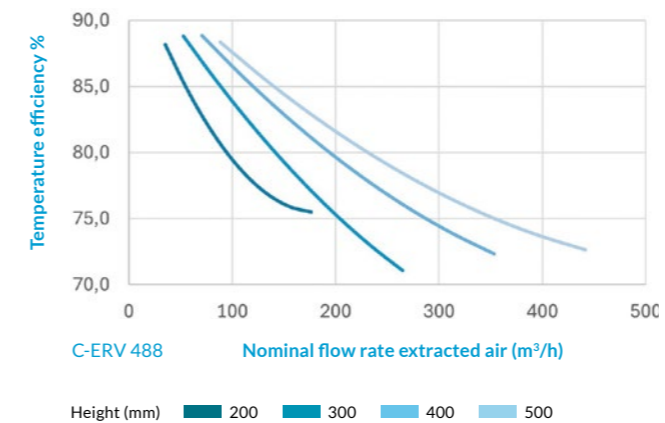
- Hygiene Standard
VDI6022 sheet 1 (01/2018)
ÖNORM H6021 (01/2023)
SWKI VA104-01 (01/2019)
- Fire Standard
DIN EN 13501-1 (Class E)
Test method EN ISO 11925
- Quality Management
DIN ISO 9001: 2015



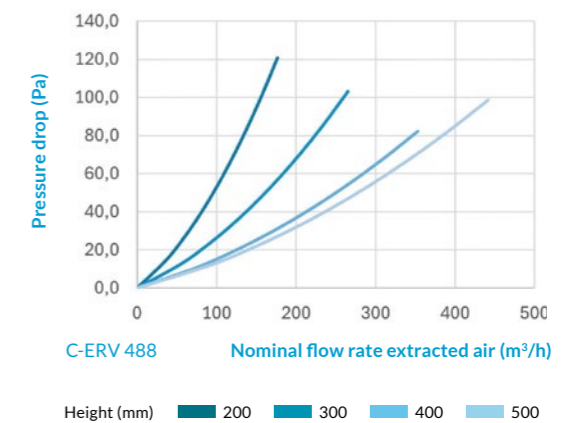
Product dimensions (mm)



Temperature efficiency

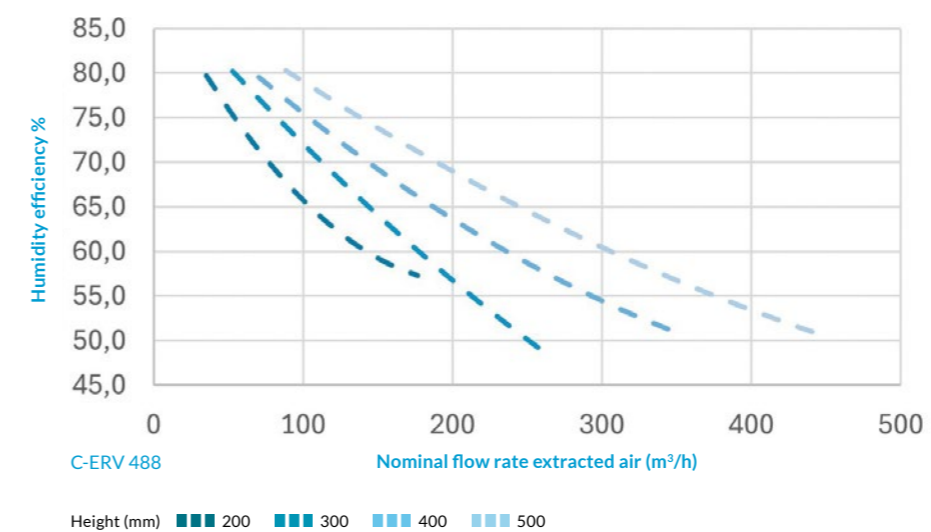


Pressure drop



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