HEATEX
QUALITY & COMPETENCE

# HEAT EXCHANGER
# MODEL L

PRODUCT DATA SHEET

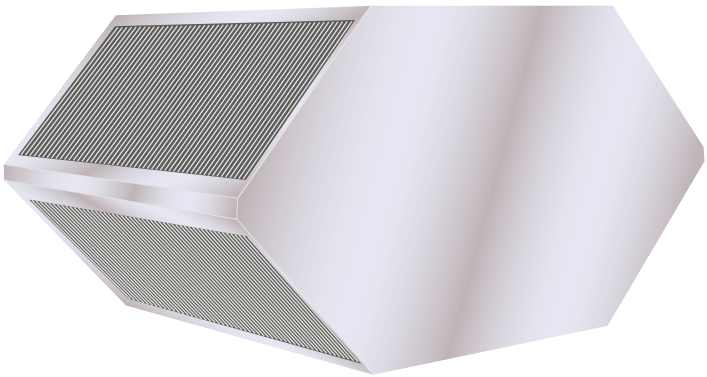
## MODEL L (Counterflow)

Aluminium and aluminium with epoxy coating.

The Heatex Model L exchanger is characterized by the fact that the plates, made of raw or epoxy coated aluminium, are corrugated. Heat transfer is improved by the surface creating turbulence.

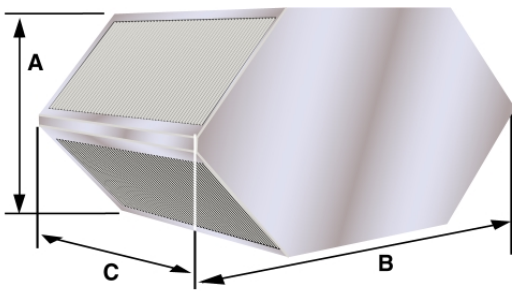
The increased turbulence occurs without any filth erecting stagnation points and speed changes. The open plate design allows condense water to easy drip off the plates to assure full air exchange.

In- and outlet guides improves the air distribution over the surface and strategic insulation minimize possible temperature conduction within the metal. This way the whole exchanger is utilized to maximum performance for all variation of thermal conditions.



Model L is available with optional plate spacings. This opens for not negligible possibilities for optimizing material usage in relation to efficiency and pressure drop. (Note, that larger spacing does at many working points result in even higher efficiency). The optional plate spacings makes Model L suitable for a wide range of air volumes.

Air leakage rate is maximum 0,5% of the nominal air flow. Maximum differential pressure over the exchanger is 700 Pa before permanent deformation of the plates. Influence on pressure drop may occur earlier.




## MODEL L MECHANICAL MEASURES

| Model | Measure mm A | B | C | Plate distance nominal (mm) |
|---|---|---|---|---|
| 200 | 266 | 528 | 50-600 | 1.5/1.7/1.9/2.4/3.0 |

Plate material: Aluminium / Epoxy coated aluminium
Frame material: Aluminium
Sealing: Siliconefree (max 90°C. 190°F)

## CASE DESIGNS

Case is also available in painted aluminium. Special case designs on request.



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