

## Air to Air Plate Heat Exchanger — Counter flow

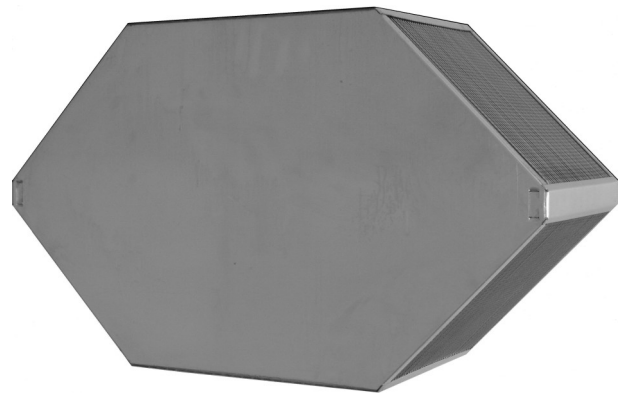
Our high efficiency aluminium counter flow heat exchangers provide efficiencies up to 90% in a compact and economical package.

Typical airflow ranges from 20 m<sup>3</sup>/h up to 10,000 m<sup>3</sup>/h.

Typically used where our cross flow exchanger does not give the efficiency required.

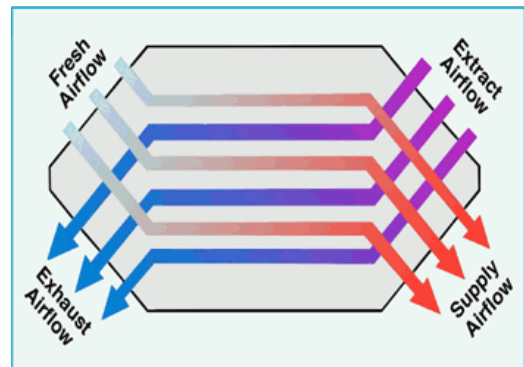
### Materials:

- Core: Aluminium alloy 8079
- Framework: Aluminium EN AW-5754 (AlMg 3) (Seawater resistant)
- Sealant: Modified silicone (MS Polymer)



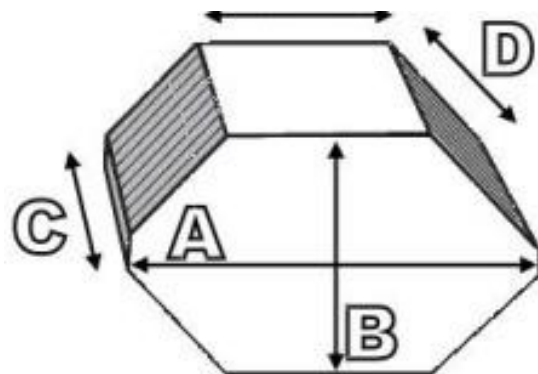
### Features:

- Max. Temperature: 70°C
- Leakage rate: ~1% of the nominal airflow at 400Pa differential pressure
- Max differential pressure: 700 Pa
- Up to 90% efficiency in normal air-conditioning / ventilation applications.
- Resistant to frost damage.
- Completely smooth outer surfaces for ease of fitment and sealing in your enclosure.



| Type    | A    | B   | C     | D   |
|---------|------|-----|-------|-----|
| PCF 18  | 397  | 172 | < 701 | 93  |
| PCF 25  | 455  | 230 | < 701 | 135 |
| PCF 30  | 496  | 271 | < 701 | 159 |
| PCF 35  | 537  | 312 | < 701 | 193 |
| PCF 45  | 619  | 394 | < 701 | 247 |
| PCF 62  | 758  | 533 | < 701 | 347 |
| PCF 80  | 899  | 674 | < 501 | 447 |
| PCF 95  | 1040 | 815 | < 501 | 547 |
| PCF 110 | 1182 | 957 | < 501 | 647 |

All figures in mm



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