Plastic

HOLMAK

Healthier environments,
happier people.

Counterflow Heat Exchangers from Holmak

Cutting-edge technology for ventilation with heat recovery.

We supply plastic heat exchangers for central and decentral ventilation systems with excellent performance rates.

PLASTIC HEAT EXCHANGERS FROM HOLMAK

- High manufactured quality based on a longstanding production track record
- Short lead times thanks to highly flexible production and logistics
- Drawing on cutting-edge technology
- Specific design increases high efficiency at all air volumes

Counterflow principle:

When separate supply and return airflows pass each other in opposite directions, the warm air in one duct can heat up the cold air in the other duct by means of thin, parallel, highly conductive plastic plates. The principle of course also works in reverse, for cooling down warm air.

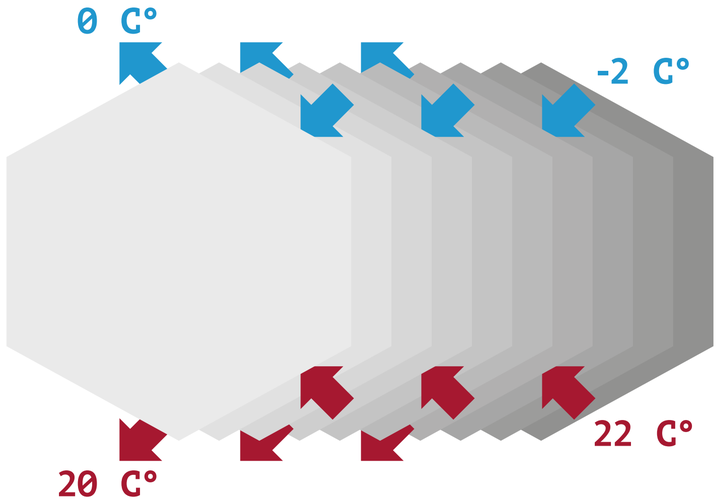
Extensive product portfolio for a wide range of applications.

Thanks to the broad functionality of our products and the flexibility of our organisation ensures we are in a position to meet a wide range of requirements.

Holmak counterflow heat exchangers are used as key components in a broad range of ventilation systems. Our goal is always to achieve an efficient exchange of cooling or heating energy:

- for central ventilation
- for decentral ventilation
- for heat recovery in winter
- for cold recovery in summer

Our products are distributed worldwide and used in wide-ranging reference projects.



Plastic Heat Exchangers

Class A hygiene comes as standard.

Plastic heat exchangers are used to optimize ventilation in home and office space. Made from high quality PET materials, and also available on request with B2 fire-class certification, Holmak plastic heat exchangers are produced and manufactured to the highest Eurovent standards and according to the EN308 norms.

With up to 98% efficiency, plastic heat exchangers can be used in a broad range of domestic and office ventilation systems.

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

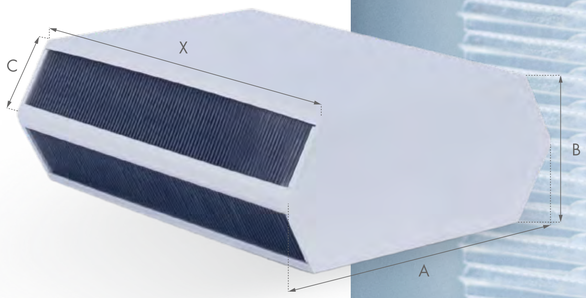
TST line

- Available in fire resistance class B2 (blue tinted foil) and standard (transparent foil)
- Automatically manufactured for supreme quality
- Length adjustable flexibly over range from 100 to 600 mm
- For a wide range of air volumes per unit

TST line

TST366

TST27



TST15

Type	A (mm)	B (mm)	C (mm)	X (mm)
TST366	366	366	196	100-600
TST27	270	450	236	100-600
TST15	318	138	74	100-600

EUROVENT CERTIFIED PERFORMANCE
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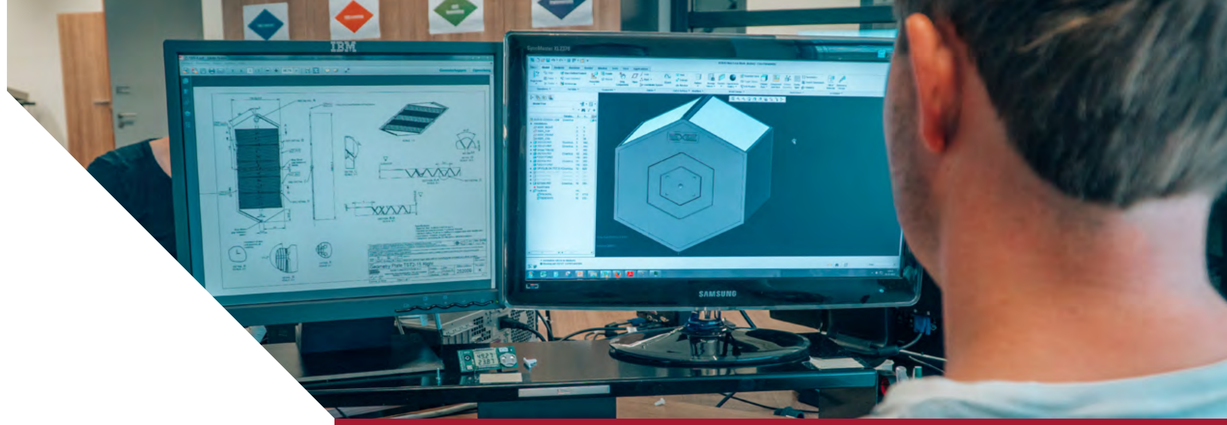


Up to 95% thermal efficiency with lowest pressure loss.

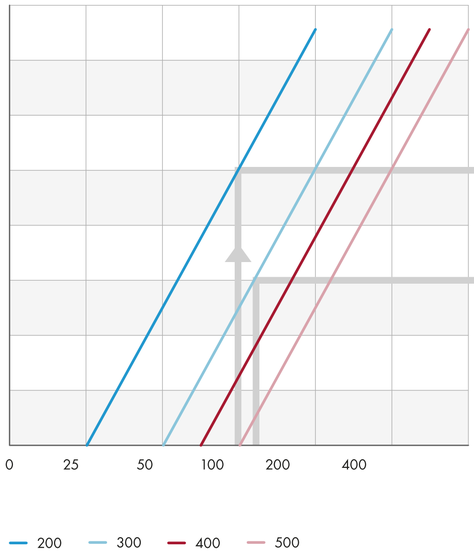
Thanks to the specific design, a Holmak heat exchanger achieves high energy efficiency combined with lowest pressure loss across the entire range of air volumes.

- For a wide range of air volumes per unit
- Up to 95 % thermal efficiency with lowest pressure loss
- Lowest SFP (specific fan power) is obtained

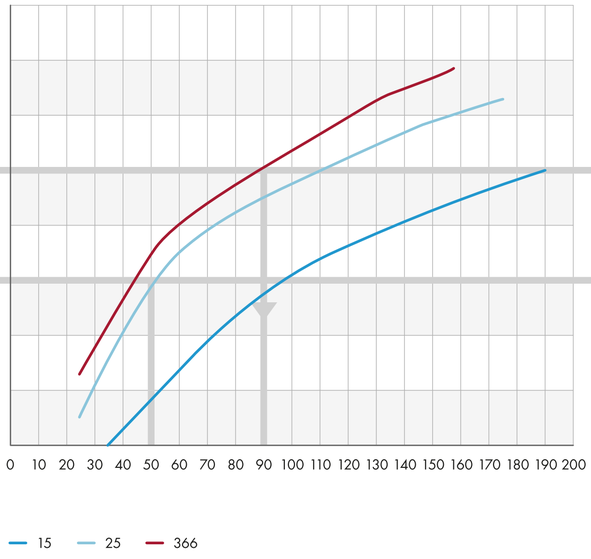
TST line

Standard Air Volume [m³/h]

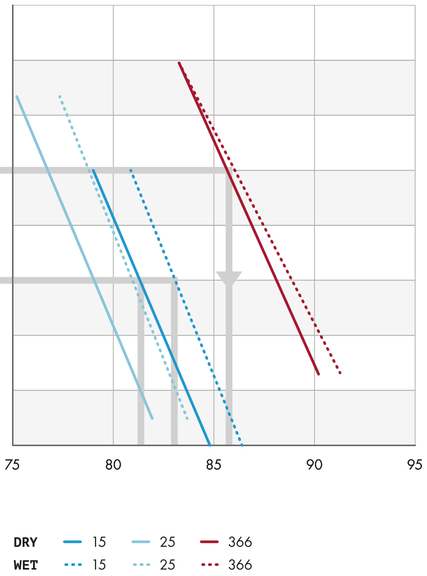
Unit width [mm]



Pressure drop [Pa]



Efficiency [%]



Cutting-edge technology for customers who expect more.

We are constantly testing new materials and designs in an effort to provide our customers with an innovative range of products, featuring state-of-the-art technology.

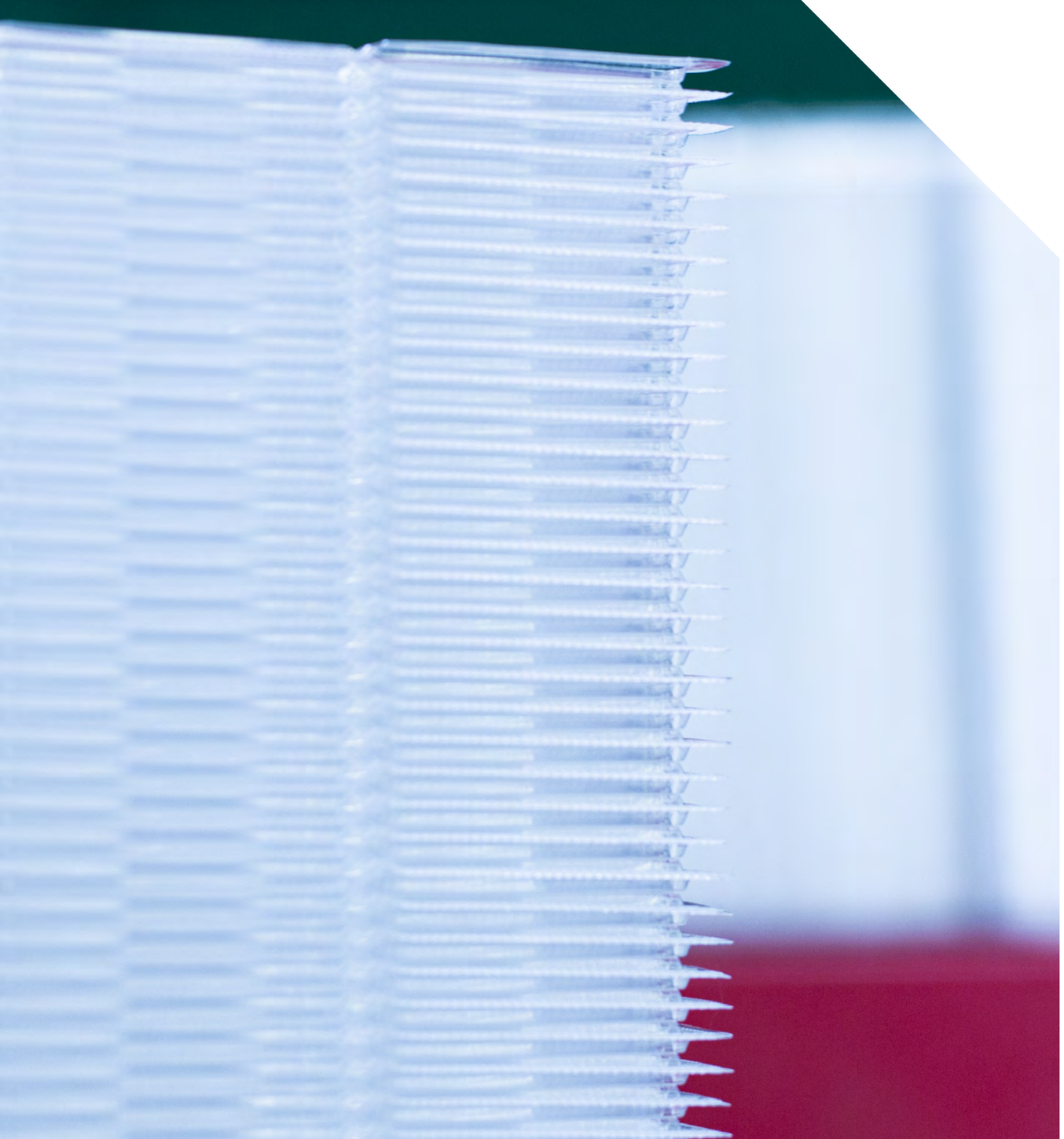
We are researchers

We work with the most modern calculation software in order to continously optimize the air flow and thermodynamics of our designs.

We are developers.

In testing new materials and concepts, we are able to constantly improve both our products and our own level of expertise. We work close with technical universities.

Please visit our website to download our calculation software: **www.holmak.eu**



This is Holmak

Specialist for air heat exchangers.

In focusing on counterflow heat exchangers, we declare our commitment to keep continuously optimising this technology.

Holmak was established in 2007 under Dutch management as a production company located in North Macedonia. Research & Development, Design and Sales, plus a part of the production process are based in Staphorst, the Netherlands.

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