



EQ

**THE PROMISE
THE PROOF
HEATEX**

AIR-TO-AIR HEAT EXCHANGERS

HEATEX

ROTARY HEAT EXCHANGERS

Heatex offers a broad range of rotary heat exchangers spanning applications from small residential installations up to large commercial installations. Rotary heat exchangers are often the preferred choice thanks to the low freezing risk as the wheels by definition defrost themselves, their compact size and the high sensible efficiency that they provide. The possibility of adding a coating to the wheel, which allows a latent transfer, is another factor favoring these products.

Heatex rotary heat exchangers can be equipped with a purge sector in order to minimize the cross contamination of fresh air with exhaust air.



THE PROMISE: WE ONLY DO WHAT WE DO BEST

Heatex has developed and manufactured heat exchangers since the early 1960s. Heat exchangers are what we know and what we focus on. Instead of constantly expanding into other businesses we refine and improve what we do best.

When developing new products, we always work in close collaboration with our customers and suppliers. We study market demands, do live tests and review future trends of energy prices and regulations. We have our own testing facilities with state of the art lab equipment to make sure that we don't make promises we can't keep.

With the Model EQ, we especially aimed at creating a rotary heat exchanger that facilitates onsite installation in narrow spaces and combine it with the most efficient matrix available.

THE PROOF: MODEL EQ – A HIGH EFFICIENCY SEGMENTED ROTARY HEAT EXCHANGER

Model EQ is a high-performing, segmented rotary heat exchanger in a robust galvanized steel casing for industrial and marine ventilation applications. Typical temperature efficiencies are up to 90%.

Thanks to its segmented wheel Model EQ facilitates onsite installation or replacement in narrow spaces. It also provides for lower transportation costs.

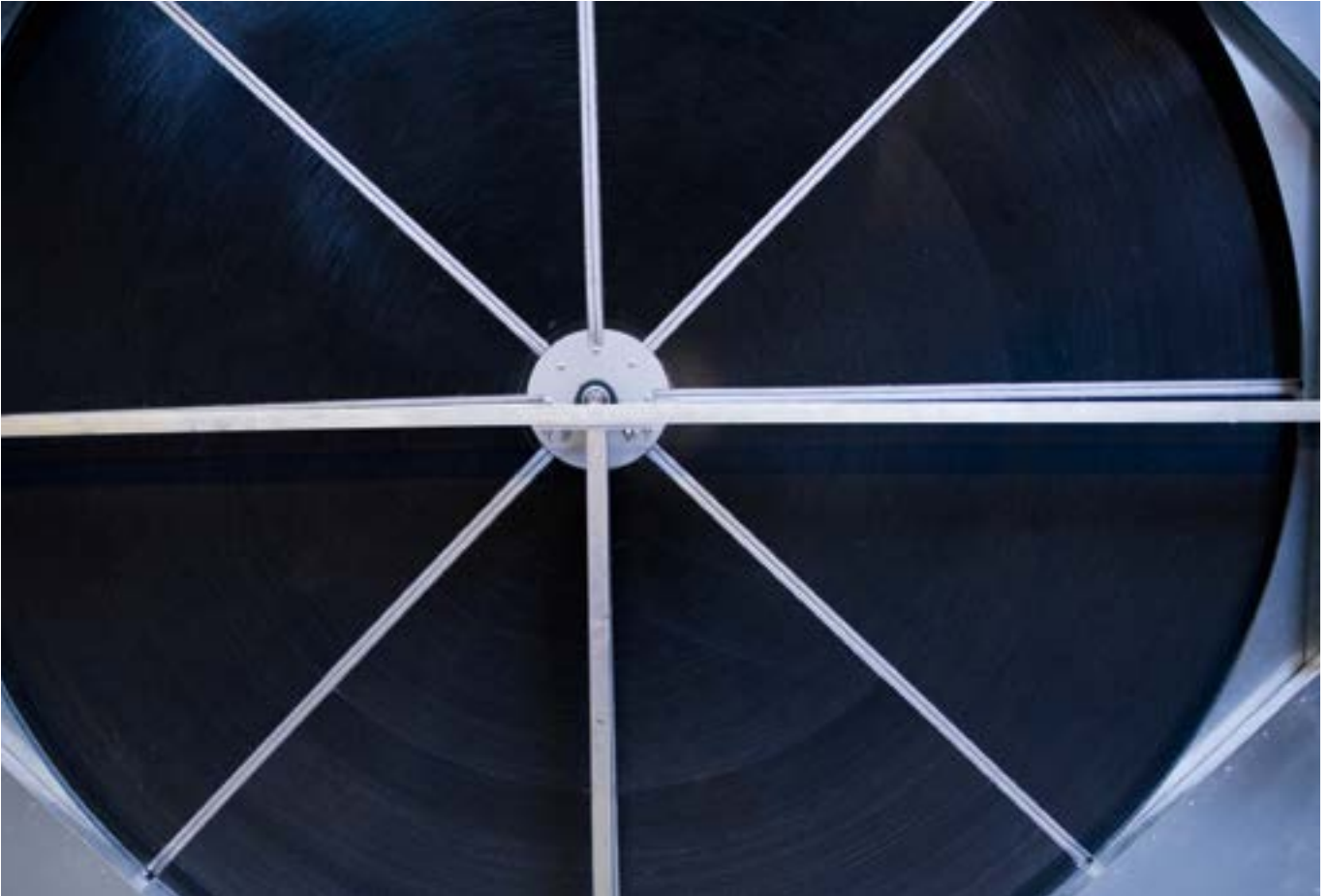
It is possible to make adjustments to the position of the shaft in all directions for a perfectly balanced fit in the air handling unit.

Air leakage between wheel and casing is minimized with a brush seal allowing easy adjustment, longer lifetime and low friction. The two air streams are also separated by adjustable brush sealants.

Model EQ is certified according to Eurovent and AHRI. Only the wheel, without casing, is called Model EV.







HEATEX ROTARY HEAT EXCHANGERS

All Heatex rotary heat exchangers share the same high-efficiency matrix and a wide variety of well-heights to suit various performance requirements. All units are produced at our global production facilities with our proprietary production equipment according to the same standardized processes, ensuring uniform product quality and favorable lead times worldwide.

ADVANTAGES:

HIGH EFFICIENCY

Heatex rotary exchangers provide high sensible and latent efficiencies.

LOW FREEZING RISK

Rotary heat exchangers offer a very low freezing risk as the wheels by definition defrost themselves.

MINIMAL CROSS CONTAMINATION

Models with casing are fitted with seals for excellent airtightness and can be equipped with purge sectors to minimize the cross-contamination of exhaust air into the supply air.

HUMIDITY TRANSFER

The possibility of adding various coatings to the wheel, which allows latent transfer or increased corrosion protection.

WIDE RANGE OF OPTIONS

We offer an extensive range of options regarding sizes and material to suit various application and performance requirements.

TECHNICAL SPECIFICATIONS

SIZE Ø:

- 1600 - 3800 mm

CASING DEPTH:

- 456 mm (for Ø 1600 - 1900 mm)
- 460 mm (for Ø 1901 - 2800 mm)
- 500 mm (for Ø 2801 - 3800 mm)

MATRIX MATERIAL:

- Aluminum (standard)
- Epoxy coated aluminum (improved corrosion protection)
- Silica gel (enhanced moisture transfer)
- Molecular sieve coated aluminum (enhanced moisture transfer)
- Hybrid (aluminum partially coated with silica gel)
- Hygromix (silica gel and molecular sieve coated aluminum)

CASING MATERIAL:

- Galvanized steel

HUB / BEARING:

- Fixed shaft for external bearings (standard)
- Fixed shaft for internal bearings

SEALING:

- Brush seal

DRIVE UNIT:

- Drive and control (VFD)
- Inverter ready constant drive

AIRFLOW DESIGN (VERTICAL POSITION):

- Air flow enters and leaves top to bottom (standard) or side by side

TYPICAL AIRFLOWS:

- 2 000 - 190 000 Nm³/h

MAXIMUM ALLOWED PRESSURE DROP:

- 250 Pa

THE PROMISE:

With Heatex as the leader of air to air heat transfer, you will have the best possible partner for your heat transfer challenges.

THE PROOF:

With a global team of sales and technical support, Heatex responds quickly to inquiries with an optimized solution for your application.

All Heatex products are custom made and designed to match the customer's technical specifications.

We have a well-established reputation of being honest, reliable and hold several certifications for product and operation quality worldwide, including Eurovent, AHRI, GOST, RLT-Hygiene and ISO 9001.

Our products are field tested and proven to have high efficiency and a fast ROI.

HEATEX SELECT

Heatex Select, our calculation software, is always available online for free at heatex.com.

It enables accurate calculations of product performance under different conditions.



Heatex is a global manufacturer of air-to-air heat exchangers. The company was founded in the '60s, and incorporated into Heatex AB in 1987.

The company uses advanced algorithms to design and improve its products. These are based on scientific calculations within thermodynamics, the fundamentals of heat transfer and fifty years of practical experience of heat transfer processes.

Heatex products are well known for providing high energy recovery and for enabling a fast return on investment. The company has a history of steady growth and has over the years established itself as the market and technology leader of air-to-air heat transfer.