



ROTARY HEAT EXCHANGER

MODEL EN

PRODUCT DATA SHEET

Model EN is a high-performing small rotary heat exchanger without casing, designed to be fitted directly inside an air handling unit or mounted in a cassette, primarily for residential ventilation applications. Typical temperature efficiencies are between 75-80%, but with design optimization, the efficiency can approach 90%.

The product holds a smaller diameter hub and bearing which maximizes the airflow for small residential air handlers. Further, a glued aluminum wrapping allows for high output and durability.

Model EN is available in different widths, adding one more dimension for perfection in residential air handling design.

Model EN is certified according to Eurovent.

TECHNICAL SPECIFICATIONS

MODEL EN

SIZE Ø:

- 200 - 500 mm (Larger diameters on request)

ROTOR DEPTH:

- Available in 100, 150 and 200 mm widths

MATRIX MATERIAL:

- Aluminum (Condensation)
- Epoxy (Condensation)
- Hybrid with silica gel (Enthalpy)
- Hybrid with molecular sieve (Enthalpy)
- Silica gel (Adsorption)
- Molecular sieve (Adsorption)

HUB:

- Ball bearing with shaft

EXCHANGER ORIENTATION:

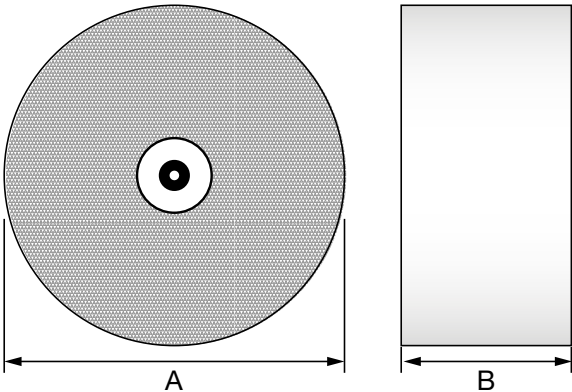
- Vertical or horizontal

AIRFLOW CAPACITY:

- 50 - 2 000 Nm³/h

MAX. ALLOWED PRESSURE DROP:

- 300 Pa



MODEL EN RANGE

STANDARD DIMENSIONS (MM)*		WELL HEIGHT VERSION*
A	B	
200 - 500	100 / 150 / 200	1.4** / 1.5 / 1.6 / 1.8 / 2.0

A) Available in steps of 1mm increments. For larger diameters contact Heatex.

* The exact well height depends on the thickness of the material selected.

** Wellheight 1.4 is only available in Aluminum, Epoxy and Hybrid.

Owing to continued product development Heatex reserves the right to introduce alterations without prior notice.