

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.

TECHNICAL SPECIFICATIONS

MODEL EN

SIZE Ø:

- 7.87" - 19.69" (Larger diameters on request)

WHEEL DEPTH:

- 9.94" / 5.91" / 7.87"

MATRIX MATERIAL:

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

EXCHANGER ORIENTATION:

- Vertical or horizontal

HUB:

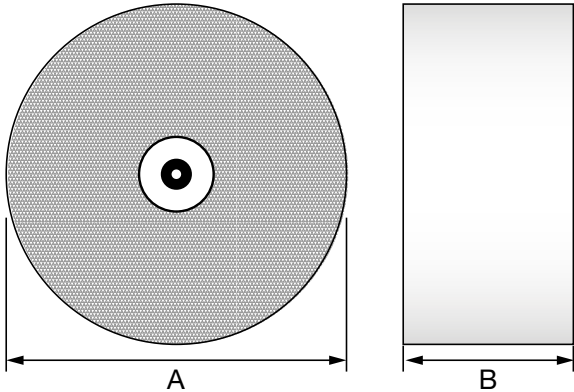
- Ball bearing with shaft

AIRFLOW CAPACITY:

- 30 - 1 177 CFM

MAX. ALLOWED PRESSURE DROP:

- 1.2" WC



MODEL EN RANGE

STANDARD DIMENSIONS (INCHES)*		
A	B	WELL HEIGHT VERSION*
7.87 - 19.69	3.94 / 5.91 / 7.87	0.05** / 0.06 / 0.07 / 0.08

A) Available in steps of 0.039 inches (1mm) increments. For larger diameters contact Heatex.

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

** Only available in Aluminum, Epoxy and Hybrid.

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