

ROTARY HEAT EXCHANGER

MODEL EV

PRODUCT DATA SHEET

The Heatex Model EV is a segmented thermal wheel for replacement of older wheels, even within an existing air handling unit. One of the greatest advantages with Model EV is the ability of onsite assembly thanks to its segmented wheel. This provides for lower transportation costs and facilitates onsite handling.

Typical airflows for Model EQ vary from 1170 to approx. 110 000 CFM.

Optimize the design with customized diameter combined with four optional well height versions.

Significant for all Heatex heat exchangers, including the rotary heat exchangers, is that you have the possibility to narrow down the perfect thermal design within a rich scope of options and materials.

Model EV can be delivered with a casing and is then called Model EQ.

Go to [Heatex.com](https://www.heatex.com) for more information and [Heatex Select](#) for performance calculation.

TECHNICAL SPECIFICATIONS

MODEL EV

MAXIMUM ALLOWED DIFFERENTIAL PRESSURE:
2.4" WC.

MAXIMUM ALLOWED PRESSURE DROP:
1.0" WC.

RECOMMENDED PRESSURE DROP:
0.4 - 0.8" WC.

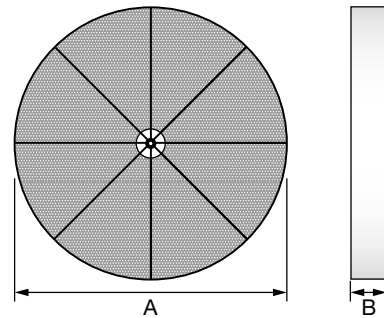
AIR TEMPERATURE LIMITS:
Maximum 149°F.
Minimum -40°F.

STANDARD HUB:
Fixed shaft for external bearings or, optional, with internal bearings.

AIRFLOW DESIGN:
Airflow enters and leaves horizontally (exchanger in vertical position).

MATRIX MATERIAL:

- Aluminum (standard).
- Epoxy coated aluminum (enhanced corrosion protection).
- Silica gel coated aluminum (enhanced moisture transfer).
- Molecular sieve coated aluminium (enhanced moisture transfer).
- Hybrid (aluminium partially coated with silica gel).



MODEL EV RANGE

STANDARD DIMENSIONS (INCHES)*		
A	B	WELL HEIGHT VERSION***
62.99	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
66.93	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
70.87	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
74.80	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
78.74	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
82.68	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
86.61	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
90.55	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
94.49	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
98.43	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
102.36	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
106.30	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
110.24	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
114.17	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
118.11	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
122.05	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
125.98	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
129.92	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
133.86	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
137.80	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
141.73	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
145.67	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
149.61	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098

*Other wheel dimensions between 62.99" and 149.61" are available upon request.

**Well height version 0.10 is not available for adsorption material

*** The exact well height depends on the thickness of the material selected. See technical manual for exact dimensions.

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