

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 2000 to approx. 190 000 Nm³/h.
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:

Up to 600 Pa.

MAXIMUM ALLOWED PRESSURE DROP:

250 Pa.

RECOMMENDED PRESSURE DROP:

100-200 Pa.

AIR TEMPERATURE LIMITS:

Maximum 65°C.

Minimum -40°C.

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:

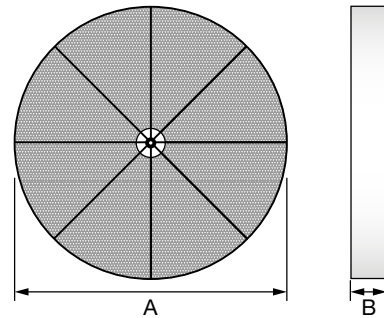
Aluminum (standard).

Epoxy coated aluminum (improved 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 (MM)*		WELL HEIGHT VERSION***
A	B	
1600	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1700	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1800	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1900	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2000	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2100	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2200	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2300	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2400	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2500	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2600	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2700	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2800	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2900	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3000	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3100	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3200	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3300	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3400	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3500	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3600	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3700	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3800	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5

* Other wheel dimensions between 1 600 and 3 800 mm are available upon request.

** Well height version 2.5 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.