

ROTARY HEAT EXCHANGER

MODEL EV

PRODUCT DATA SHEET

Model EV is a high-performing, segmented rotary thermal wheel in for industrial and marine ventilation applications. Typical temperature efficiencies are up to 90%.

Thanks to its segmented wheel Model EV 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.

Model EV is certified according to Eurovent and AHRI.

With casing Model EV is called Model EQ.

TECHNICAL SPECIFICATIONS

MODEL EV

SIZE Ø:

1 600 - 3 800mm

WHEEL DEPTH:

200 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)

HUB / BEARING:

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

AIRFLOW DESIGN (VERTICAL POSITION):

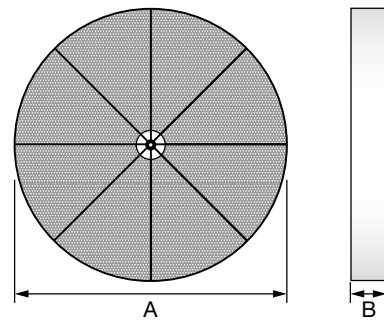
Airflow enters and leaves horizontally

TYPICAL AIRFLOWS:

2 000 - 190 000 Nm³/h

MAXIMUM ALLOWED PRESSURE DROP:

250 Pa



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.