

ROTARY HEAT EXCHANGER

MODEL O

PRODUCT DATA SHEET

Model O is a high-performing thermal wheel designed for air handling units, primarily for comfort ventilation applications. Typical temperature efficiencies are up to 90%.

Model O is ideal for installation in new air handling units or retrofitting in older units. The wheel is available for both vertical and horizontal assembly.

Model O complies with the hygiene standards for comfort ventilation EN13779 and meets the requirements for Ecodesign Lot 6. Model O is certified according to Eurovent and AHRI.

Model O is also available with a casing it is then called Model E.

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

TECHNICAL SPECIFICATIONS

MODEL O

SIZE Ø:

500 - 2575 mm

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)
 Hygromix (silica gel and molecular sieve coated aluminum)
 Hybrid (aluminum partially coated with silica gel)

HUB / BEARING:

Ball bearings for vertical applications (standard)
 Angular contact bearings for wheels in horizontal applications

AIRFLOW DESIGN (VERTICAL POSITION):

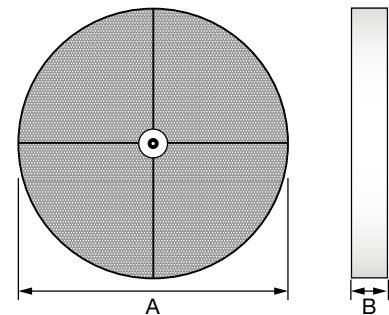
Air flow enters and leaves side by side (standard) or top to bottom

TYPICAL AIRFLOWS:

200 - 90 000 Nm³/h

MAXIMUM ALLOWED PRESSURE DROP:

300 Pa for < Ø1600 mm or 250 Pa for > Ø1600 mm



MODEL O RANGE

STANDARD DIMENSIONS (MM)*		
A	B	WELL HEIGHT VERSION**
500	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
600	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
700	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
800	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
900	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1000	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1100	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1200	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1300	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1400	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1500	200	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
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

*Other dimensions between 500 and 2500 mm are available upon request.

** 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.