

ROTARY HEAT EXCHANGER

MODEL O

PRODUCT DATA SHEET

Model O is a high-performing and lightweight thermal wheel without a casing. It's designed for air handling units and 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 E's performance is certified according to Eurovent, AHRI and TüvSüd.

Model O also meets several hygiene requirements.

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

TECHNICAL SPECIFICATIONS

MODEL O

SIZE Ø:

500 - 2575 mm

ROTOR DEPTH:

200 mm

MATRIX MATERIAL:

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

HUB:

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

EXCHANGER ORIENTATION:

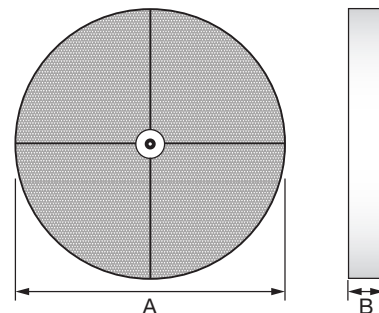
Vertical or horizontal.

AIRFLOW CAPACITY:

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

| 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.