

## 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:

19.69" - 101.38"

### ROTOR DEPTH:

7.87"

### MATRIX MATERIAL:

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

### HUB:

Ball bearing with shaft.  
Ball bearing with shaft, corrosion resistant.

### EXCHANGER ORIENTATION:

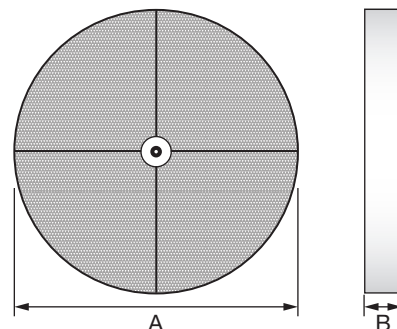
Vertical or horizontal.

### AIRFLOW CAPACITY:

125 - 56 000 CFM

### MAXIMUM ALLOWED PRESSURE DROP:

1.2" WC for below diameter 63".  
1.0" WC for larger than diameter 63".



## MODEL O RANGE STANDARD DIMENSIONS

STANDARD DIMENSIONS (INCHES)*		
A	B	WELL HEIGHT VERSION**
19.69	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
23.62	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
27.56	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
31.50	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
35.43	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
39.37	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
43.31	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
47.24	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
51.18	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
55.12	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
59.06	7.87	0.055 / 0.063 / 0.071 / 0.079 / 0.087 / 0.098
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

\*Other dimensions between 19.69 and 98.43 inches 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.