



ROTARY HEAT EXCHANGER

MODEL EQ

PRODUCT DATA SHEET

Model EQ is a high-performing, segmented rotary heat exchanger in a robust galvanized steel casing for industrial and marine ventilation applications. Typical temperature efficiencies are up to 90%.

Thanks to its segmented wheel Model EQ 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.

Air leakage between wheel and casing is minimized with a brush seal allowing easy adjustment, longer lifetime and low friction. The two air streams are also separated by adjustable brush sealants.

Model EQ is certified according to Eurovent and AHRI.

Only the wheel, without casing, is called Model EV.

AIR-TO-AIR HEAT EXCHANGERS

HEATEX

TECHNICAL SPECIFICATIONS

MODEL EQ

SIZE Ø:

1 600 - 3 800 mm

WHEEL DEPTH WITHOUT CASING:

200mm (7.87")

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

SEALING:

Brush seal

DRIVE UNIT:

Drive and control (VFD)

Inverter ready constant drive

ORIENTATION OF INSTALLATION:

Vertical only

TYPICAL AIRFLOWS:

2 000 - 190 000 Nm³/h

MAXIMUM ALLOWED PRESSURE DROP:

250 Pa

MODEL EQ STANDARD DIMENSIONS*

WHEEL Ø (MM)	CASING (MM)		WELL HEIGHT VERSION**
	FRONT	DEPTH	
1600	1740x1740	456	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1700	1840x1840	456	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1800	1940x1940	456	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
1900	2040x2040	456	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2000	2140x2140	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2100	2240x2240	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2200	2340x2340	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2300	2440x2440	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2400	2540x2540	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2500	2640x2640	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2600	2740x2740	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2700	2840x2840	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2800	2940x2940	460	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
2900	3040x3040	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3000	3140x3140	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3100	3240x3240	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3200	3340x3340	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3300	3440x3440	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3400	3540x3540	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3500	3640x3640	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3600	3740x3740	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3700	3840x3840	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5
3800	3940x3940	500	1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.5

*Other wheel dimensions (between 1600 and 3800 mm) are available upon request. Larger casings than minimum are possible.

** 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.