

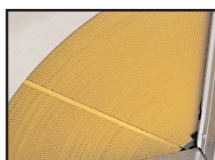
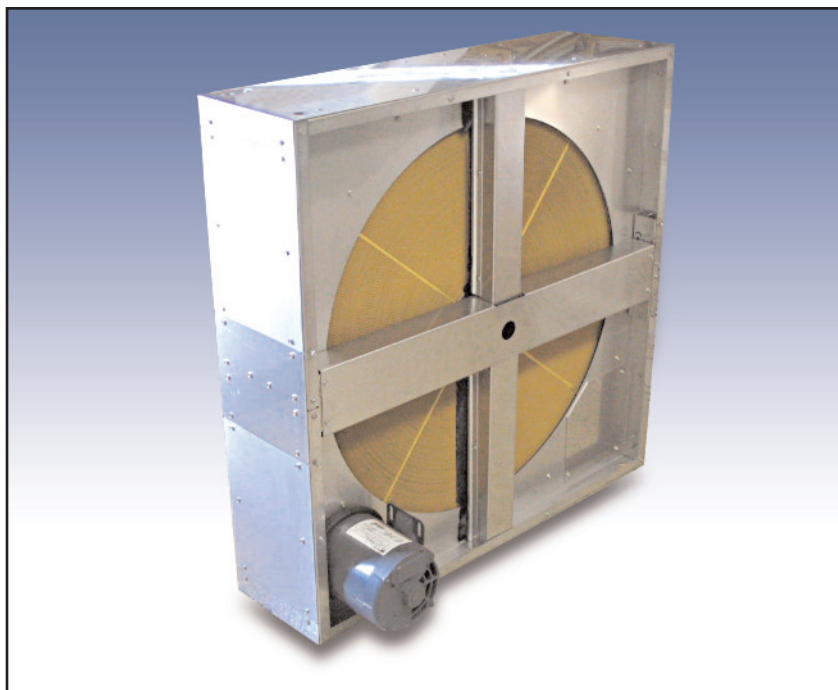


HEAT EXCHANGER MODEL BT

PRODUCT DATA SHEET

Rotary Exchangers

- Total Energy Recovery
- Up to 85% total effectiveness
- Reduces cooling and heating requirements
- Reduces winter humidification requirements
- Fluted aluminum matrix
- 4A molecular sieve desiccant
- Cleanable media
- One piece or sectionalized construction
- Variable speed drive option
- Economizer and frost control options
- Optional purge section



The Rotary Exchanger is the result of an intense research and development program that has led to the most durable, maintenance free energy recovery wheel available. The rotor matrix consists of a corrugated aluminum substrate that is coated with a mixture of desiccant binder and 4-angstrom molecular sieve. The resulting matrix yields a rotor that has the lowest pressure drop, highest effectiveness, and lowest possible leakage between air streams when compared to other types of wheel construction.

Standard Dimensions

DESCRIPTION	CODE	TYPE
Unit Designator	BT	Total Energy Wheel (EnthalpyWheel)
Wheel Diameter	022	22 Inch Diameter Wheel
	032	32 Inch Diameter Wheel
	038	38 Inch Diameter Wheel
	042	42 Inch Diameter Wheel
	048	48 Inch Diameter Wheel
	054	54 Inch Diameter Wheel
	060	60 Inch Diameter Wheel
	066	66 Inch Diameter Wheel
Wheel Depth	04	Standard 4 Inch Depth Design
	06	Standard 6 Inch Depth Design

DESCRIPTION	CODE	TYPE
Drive Type	C	Constant Speed Drive
	V	Variable Speed Drive
Wheel Split and O/A Location	1	Horizontal Top
	2	Horizontal Bottom
	3	Vertical Left
	4	Vertical Right
Motor Position	A	Front Face Lower Left
	B	Front Face Upper Left
	C	Front Face Upper Right
	D	Front Face Lower Right
	E	Back Face Lower Left
	F	Back Face Upper Left
	G	Back Face Upper Right
	H	Back Face Lower Right

DESCRIPTION	CODE	TYPE
Purge Section	0	No Purge Section
	1	Purge Section Included
Voltage	1	120/60/1
	2	208/60/3
	3	230/60/3
	4	460/60/3
	5	575/60/3
	6	380-415/50/3
	7	208/60/1

* Other dimensions available on request

Owing to continued product development Heatex America reserves the right to introduce alterations both in design and prices without prior notice.

Heatex America

30 Cameron Street • Natural Bridge Station, Virginia 24579
540.261.7411 • fax: 540.261.1755
e-mail: info@heatexamerica.com • www.heatexamerica.com