

Beckett Air is the leading supplier of Large Diameter Tangential Blower Wheels in North America.

Our expanded line is now available in six discrete diameters from 3.9-inches (100 mm) to 4.9-inches (125 mm) and variable lengths from 8.5-inches (215 mm) up to 31.5 inches (800 mm).

This new range is produced with our proprietary **AutoFlex™** system that combines the benefits of automated assembly with the advantages of flexible design and a North American based factory, resulting in: competitive cost; low initial investment and minimum run size.

The **AutoFlex™** process also offers high unit production capability; shortened initial time to production and rapid response to ongoing market variations. Based on hundreds of thousands of units in service our large tangential wheels have a proven design with an excellent quality track record.



Diameters – 6 new sizes 100mm to 125mm

Lengths – from 215mm up to 800mm

Specifications (See Dimensional Reference on reverse side.)

Configuration Number	Wheel Diameter		Wheel Width		No. of Blades
	in.	mm	in.	mm	
X100-215/800	3.9	100	All diameters can be produced in any width from 8.5-inches up to 31.5-inches	All diameters can be produced in any width from 215 mm up to 800 mm	40
X105-215/800	4.1	105			42
X110-215/800	4.3	110			45
X115-215/800	4.5	115			46
X120-215/800	4.7	120			49
X125-215/800	4.9	125			51

Options

Rotation Options ¹	Wheel Material ²	Secondary Coatings ³	Pin Size O.D.		Std.Hub Bore Sizes ⁴		Other Options ^{5, 6, 7}
			in.	mm	in.	mm	
CW, CCW	Aluminum or Steel (Galvanized or Aluminized)	E-coating	0.24	6.0	1/4	6.4	Twist Angle; Single or Double Wheel with One Motor; Housings and Bearings

Notes

1 Rotation is defined by viewing pin side. See note on dimensional reference illustration.

2 Please contact Beckett Air Engineering Department for availability of other materials.

3 Secondary coatings are applied to fully assembled wheel.

4 Metric sizes are also available.

5 Wheels can be designed with a range of twist angles for improved sound quality.

6 Drive can be mounted on right or left hand side allowing for installation of double wheels with one motor.

7 For quoting purposes, Beckett Air can quote a standard housing and/or bearing assembly, if requested. Customers can also submit a custom housing design for quotation.

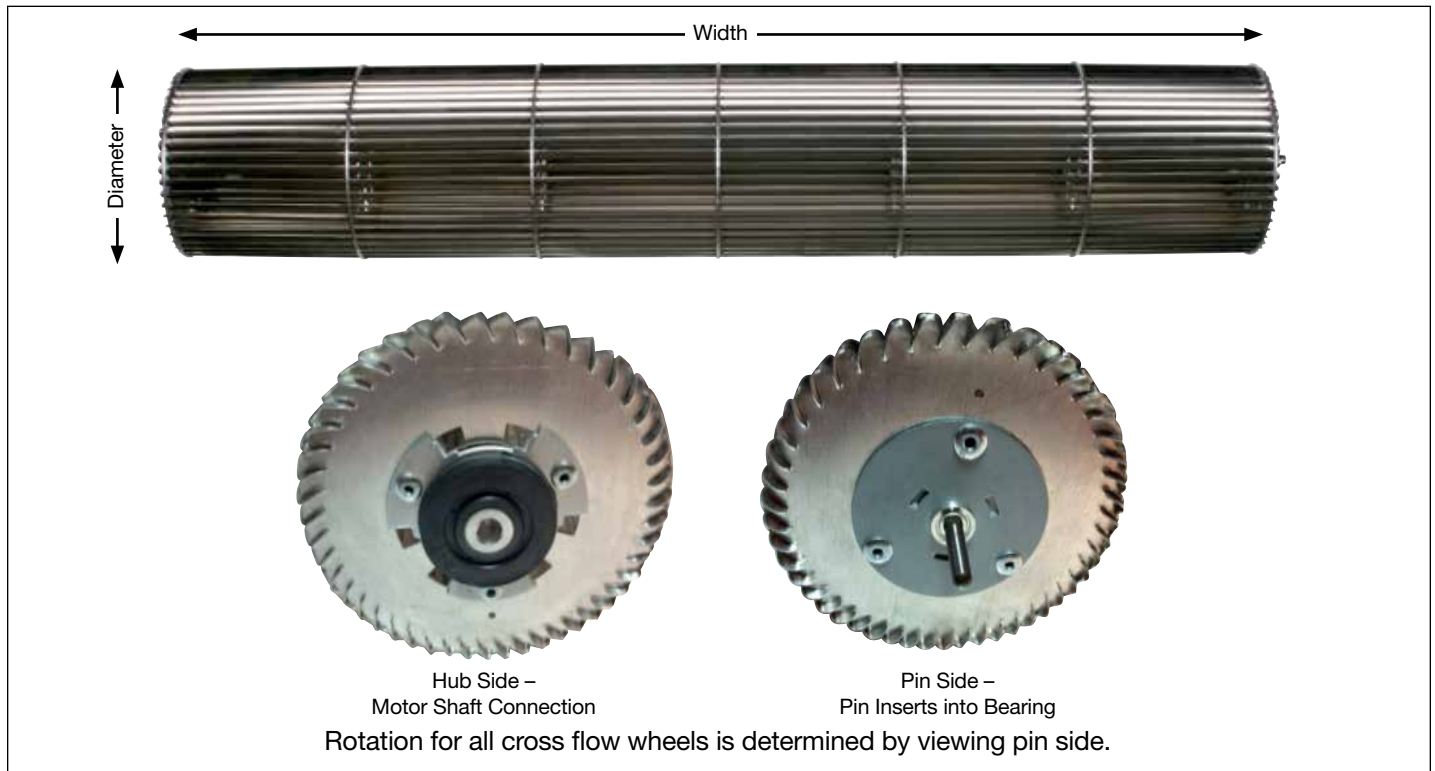
Typical Applications

HVAC	Commercial Food Prep and Retail	Commercial Applications	Electronics Cooling	Transportation Cooling / Heating
Unitary Air Conditioners	Impinger Ovens	Air Doors / Curtains	Server Enclosures	Train
Convection/Radiant Heaters	Food Warming Cabinets	Clean Technology	Medical Devices	Bus
Toe Kick Heaters	In-store Retail Coolers	Process Cooling & Drying	Business Machines	Truck
Electric Wall Heaters		De-Dusting Systems		Off Road
Transfer fans		Agricultural Sprayers		Car Ventilator & Heater
Humidifiers/Dehumidifiers		Elevator Exhaust Fan		
Air-Source Heat Pumps		Dry Transformers		
Evaporative Coolers		Power Source Devices		

Performance Curves

Actual airflow, static pressure and horsepower characteristics are dependent on application, motor used, inlet/outlet dimensions and other factors. Beckett Air can provide samples of wheels or perform testing on blower wheels as installed to confirm actual performance characteristics.

Dimensional Reference



All data listed in this informational sheet is subject to change without notice.

For more information, go to www.becketair.com or contact Beckett Air, Inc.

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