

Key Rivet Design – Single Inlet

8.82 inch (224 mm) Diameter

Key Rivet™ blower wheels (also known as Fergas wheels) outperform competitors' tab-lock design by using a unique "key rivet" manufacturing technique that results in a wheel which is lighter and five times stronger than those made by traditional tab-lock methods. The Key Rivet wheel, compared to a similar size tab-lock wheel, provides higher performance with a quieter and more efficient operation.

This wheel diameter is currently made at Fergas AB and is offered in different materials such as galvanized steel and aluminum. Existing tooling is available for several other diameters and widths made at Beckett Air. OEM customers in the Americas can order samples or initial quantities directly from Beckett Air. With sufficient order quantities, assembly and/or complete fabrication can be set up at Beckett Air.



Specifications

Configuration Number	Dia. "D"		Width "W"		Blade-to-Blade I.D. "K"		Max RPM
	in.	mm	in.	mm	in.	mm	
F224-42-102	8.82	224	1.65-4.02	42-102	7.28	185	3400

Maximum RPM is based on stationary installations and ambient operating temperatures. Please contact Beckett Air for information regarding applications outside these parameters.

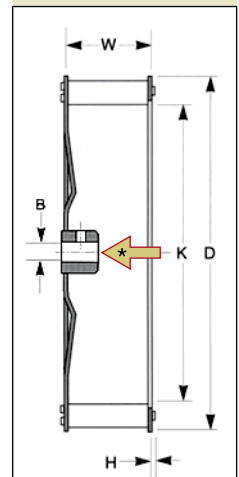
Airflow Characteristics

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.

Typical Applications

HVAC	Household Appliances	Commercial Food Preparation	Electronics Cooling	Commercial Applications	Transportation Cooling/Heating
Central Heating	Water Heaters	Warming Cabinets	Server Enclosures	Air Doors/Curtains	Train
Air Conditioning	Bathroom Ventilation	Convection Ovens	Medical Devices	Clean Technology	Bus
Fan Coils	Range Hoods	Combi Ovens	Business Machines	Process Cooling	Truck
Exhaust Fans		Counter Top Ovens		De-Dusting Systems	Off Road
Hearth Products		Induction Cooktops		Elevator Exhaust Fan	Auto Vent & Heater
Convection Heaters		Ventilation Systems		Motor Cooling	
Radiant Heaters					

Dimensional Reference



*Rotation for single-inlet blower wheels is determined by viewing the open end (inlet side).

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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