

### 6 to 12 Pedal Blades






Ranging from 1.75 to 6.375 inch (92 and 259 mm) Diameters

Beckett Air radial fans are ideally suited for OEM applications requiring limited space and 90 degree air flow. Our radial fans are built with sturdy one-piece construction and are available in clockwise or counterclockwise rotation as well as several material and mounting choices.

Beckett Air's radial fans are the ideal solution for motor cooling and heat dissipation. They are found in all types of food preparation equipment, such as perimeter air circulation in convection cooking equipment and in HVAC applications like a draft inducer on pellet stoves.


Radial fans listed here are manufactured at Beckett Air (Ohio) and are available in a wide range of diameters from 1.75 to 6.375 inch (92 and 259 mm).



																			
12 - Pedal Blades R Style				12 - Pedal Blades Y Style				12 - Pedal Blades RF Style				11 - Pedal Blades H Style				9 - Pedal Blades R9 Style			
Diameter		Depth		Diameter		Depth		Diameter		Depth		Diameter		Depth		Diameter		Depth	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1.750	44.5	0.295	7.5	3.250	82.6	0.500	12.7	4.000	101.6	0.600	15.2	4.580	116.3	1.28	32.5	4.500	114.3	1.1	27.9
1.875	47.6	0.325	8.3	3.500	88.9	0.500	12.7	4.750	120.7	0.750	19.1								
2.000	50.8	0.325	8.3	3.625	92.1	0.500	12.7	4.985	126.6	0.750	19.1								
2.125	54.0	0.330	8.4	3.750	95.3	0.500	12.7	5.000	127.0	0.750	19.1								
2.250	57.2	0.340	8.6	4.000	101.6	0.500	12.7	5.330	135.4	0.750	19.1								
2.375	60.3	0.340	8.6	4.500	114.3	0.500	12.7	5.600	142.2	0.750	19.1								
2.440	62.0	0.340	8.6	4.750	120.7	0.500	12.7	6.000	152.4	0.750	19.1								
2.500	63.5	0.340	8.6	4.985	126.6	0.500	12.7	6.375	161.9	0.750	19.1								
2.625	66.7	0.340	8.6	5.000	127.0	0.500	12.7												
2.750	69.9	0.340	8.6																
2.875	73.0	0.340	8.6																
3.000	76.2	0.340	8.6																
3.125	79.4	0.340	8.6																
3.250	82.6	0.340	8.6																
3.313	84.2	0.340	8.6																
3.500	88.9	0.340	8.6																
3.625	92.1	0.340	8.6																
3.750	95.3	0.340	8.6																
4.000	101.6	0.340	8.6																
5.000	127.0	1.340	34.0																
6.000	152.4	2.340	59.4																



M Style Oven Fans

				
Oven Blades M Style				
No of Pedal Blades	Diameter		Depth	
	in	mm	in	mm
6	5.985	152.0	0.251	6.4
6	5.985	152.0	0.236	6.0
6	5.985	152.0	0.313	8.0
10	3.312	84.1	0.251	6.4
11	4.720	119.9	0.251	6.4
11	4.720	119.9	0.236	6.0

## Options

Rotation & Balance <sup>1,2</sup>	Fan Material <sup>3</sup>		Std. Mounting Options	Std. Hub Bores <sup>4</sup>		Hub Material
				In.	mm	
CW, CCW	Aluminum	Standard Option	Unit Bearing Center Hole Pattern; Center Hole - Extruded or Straight; Hubs with Single Set Screw	1/4, 5/16, 3/8, 1/2	6.4, 7.9, 9.5, 12.7	Aluminum, Nickel-Plated Steel, Plain Steel, Stainless Steel, Zinc-Plated
	Galvanized Steel	Standard Option				
	Aluminized Steel	Custom Option				
	Galvalume	Custom Option				
	Galvanneal	Custom Option				
	Plain Steel	Custom Option				
	Stainless Steel	Custom Option				

### Notes

1 Rotation is defined by note on reference drawing.

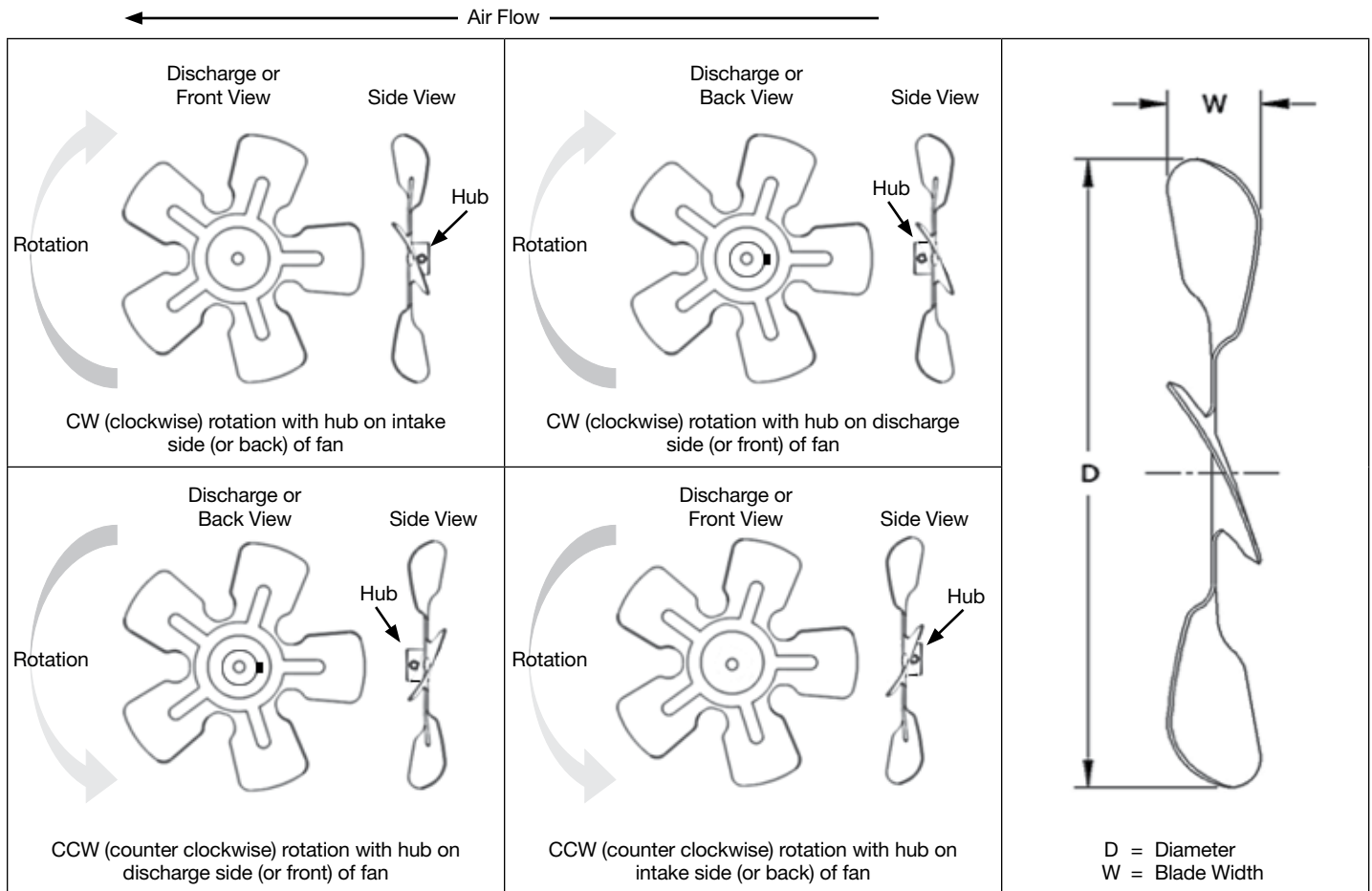
2 Rotating static balance to .040 ounce-inch (standard). Dynamic (two plane) balance and/or reduced static balance tolerances (optional).

3 Materials listed as Standard Option are most commonly used in fans but other materials listed as Custom Option are available.

4 Standard option is a single set screw. A second set screw can be added. Some metric size bores are currently available.

## Fan/Hub Orientation

## Dimensional Reference



Air flow discharge is always "front side". Fan rotation is by looking at front or discharge side of air flow.

## Airflow Characteristics

Actual airflow, static pressure and horsepower characteristics are dependent on application, motor used, application dimensions and other factors. Beckett Air can provide samples of fans to OEM customers for evaluation purposes or perform testing on fans as installed to confirm actual performance characteristics. Please contact us if this service would be of interest.

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

For more information, go to [www.becketair.com](http://www.becketair.com) or contact Beckett Air, Inc.

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**BECKETT AIR**™

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