

10 and 20 Wing Blades

Ranging from 2.0 to 4.0 inch (50.8 and 101.6 mm) Diameters

Beckett Air small axial fans are ideally suited for OEM applications requiring motor or electronics cooling or heat dissipation. Our axial 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 axial fans are found in all types of food preparation equipment, such as convection ovens and in electronics or motor cooling applications. Axial fans listed are manufactured at Beckett Air (Ohio) and are available in a wide range of diameters from 2.0 to 4.0 inch (50.8 and 101.6 mm).

10 - Wing: B Style				10 - Wing: S Style				20 - Wing: W Style			
Diameter		Depth		Diameter		Depth		Diameter		Depth	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
2.000	50.8	0.25	6.4	1.375	34.9	0.17	4.3	2.000	50.8	0.19	4.8
2.125	54.0	0.27	6.9	1.500	38.1	0.21	5.3	2.125	54.0	0.21	5.3
2.250	57.2	0.30	7.6	1.625	41.3	0.27	6.9	2.250	57.2	0.23	5.8
2.375	60.3	0.36	9.1	1.750	44.5	0.32	8.1	2.375	60.3	0.24	6.1
2.440	62.0	0.38	9.7	1.875	47.6	0.38	9.7	2.500	63.5	0.25	6.4
2.500	63.5	0.40	10.2	2.000	50.8	0.42	10.7	2.625	66.7	0.26	6.6
2.625	66.7	0.44	11.2	2.125	54.0	0.44	11.2	2.750	69.9	0.28	7.1
2.750	69.9	0.48	12.2	2.250	57.2	0.51	13.0	2.875	73.0	0.29	7.4
2.875	73.0	0.52	13.2	2.375	60.3	0.57	14.5	3.000	76.2	0.30	7.6
3.000	76.2	0.56	14.2	2.440	62.0	0.59	15.0	3.125	79.4	0.31	7.9
3.125	79.4	0.61	15.5	2.500	63.5	0.62	15.7	3.250	82.6	0.32	8.1
3.250	82.6	0.65	16.5	2.625	66.7	0.66	16.8	3.500	88.9	0.38	9.7
3.313	84.2	0.67	17.0	2.750	69.9	0.69	17.5	3.625	92.1	0.39	9.9
3.375	85.7	0.70	17.8	2.875	73.0	0.73	18.5	3.750	95.3	0.41	10.4
3.500	88.9	0.73	18.5	3.000	76.2	0.76	19.3	4.000	101.6	0.42	10.7
3.625	92.1	0.77	19.6								
3.750	95.3	0.79	20.1								
3.875	98.4	0.83	21.1								
4.000	101.6	0.87	22.1								

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

Options

Rotation & Balance ^{1,2}	Fan Material ³		Std. Mounting Options	Std. Hub Bores ⁴		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
	Aluminized Steel	Standard Option				
	Galvanized 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.

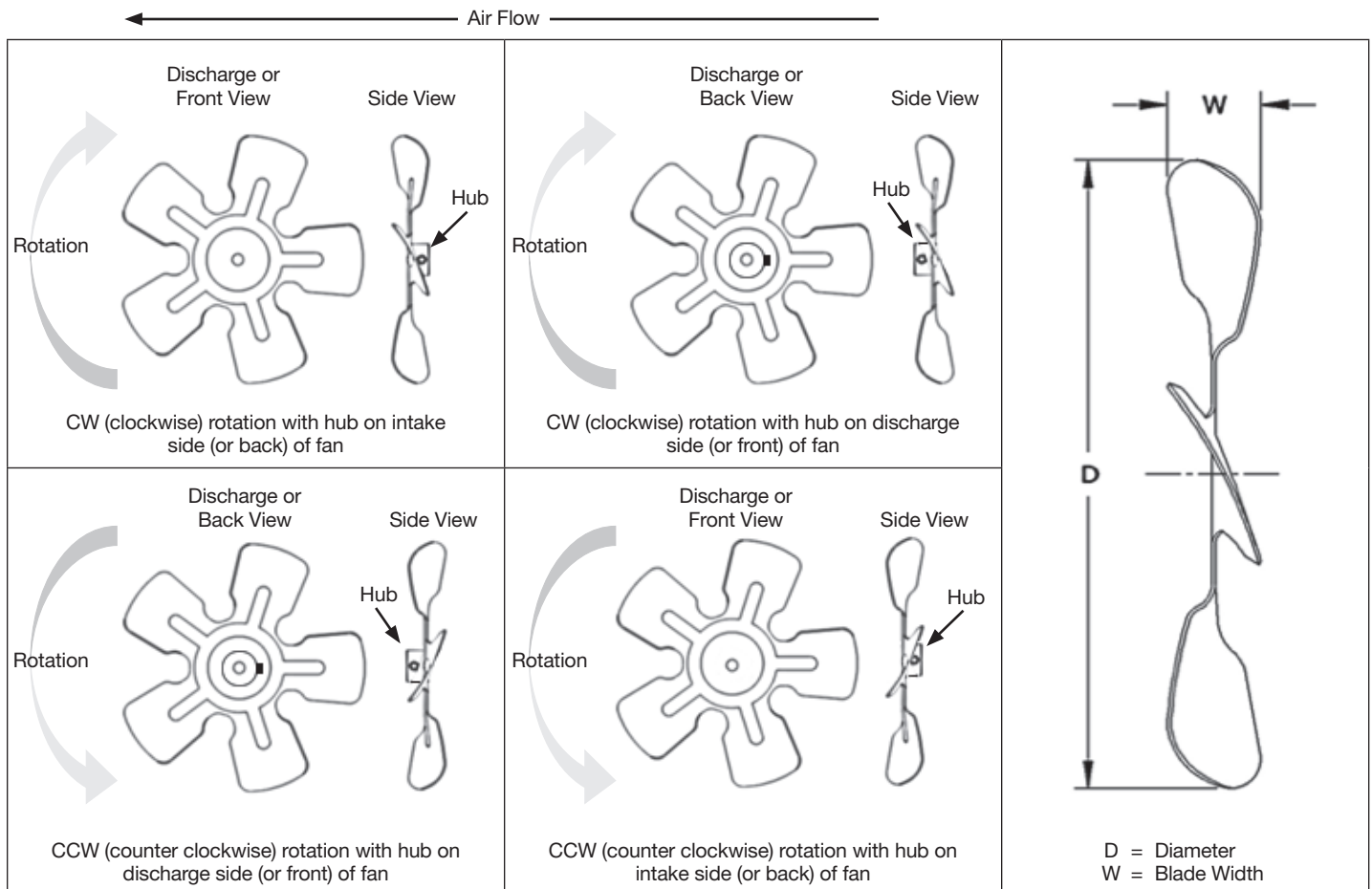
2 Rotating static balance to .040 ounce-inch (standard). Dynamic (two plane) balance and/or reduced static balance tolerances (optional).

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.

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

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

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