



SERIES AA

The Airotor blower wheel is made in diameters from 1 1/2 to 9 13/32 inches and in a large range of widths in each diameter. Airotors are made with a simple four piece construction consisting of a bladestrip tightly spun into a front ring and a heavily ribbed back plate and a hub which is spun into the back plate. Standard construction is of galvanized steel. Trueness and static balance are held to close tolerances.

In ordering one should specify the complete catalogue number, rotation (determined by viewing the closed side of the wheel), the hub position (inside or outside) and the size of the bore.

SERIES AD, DOUBLE WHEELS

Airotors can be easily supplied as double width and double inlet wheels. In this construction, any two single wheels of the same diameter and of opposite rotation are fastened together back to back and further joined by the use of a single hub. The performance curve for a double wheel may be constructed by adding the air flow and shaft power for the corresponding single wheels, static pressure at each point remaining unchanged.

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SPECIFICATION CHART

Catalogue Number	Impeller Dimensions In Inches				Standard Bores	Weight In Pounds Steel
	A	B	F	G		
AA-116-020-1	1.50	.62	1.03	.33	1/4, 5/16	.03
AA-116-031-1	1.50	.94	1.03	.33	1/4, 5/16	.04
AA-200-020-1	2.00	.69	1.50	.53	1/4, 5/16	.06
AA-200-031-1	2.00	.97	1.50	.53	1/4, 5/16	.07
AA-216-031-1	2.50	.97	2.00	.53	1/4, 5/16, 3/8	.13
AA-216-115-1	2.50	1.47	2.08	.53	1/4, 5/16, 3/8	.16
AA-300-101-2	3.00	1.03	2.36	.53	1/4, 5/16, 3/8	.17
AA-300-115-1	3.00	1.50	2.36	.53	1/4, 5/16, 3/8	.21
AA-300-128-1	3.00	1.91	2.30	.53	1/4, 5/16, 3/8	.22
AA-326-101-2	3.81	1.03	3.12	.53	1/4, 5/16, 3/8	.25
AA-326-128-1	3.81	1.91	2.95	.53	1/4, 5/16, 3/8	.34
AA-326-215-1	3.81	2.50	2.95	.53	1/4, 5/16, 3/8	.37
AA-408-201-1	4.25	2.03	3.27	.53	1/4, 5/16, 3/8	.41
AA-408-215-1	4.25	2.47	3.33	.53	1/4, 5/16, 3/8	.44
AA-408-228-1	4.25	2.91	3.33	.53	1/4, 5/16, 3/8	.47
AA-424-202-2	4.75	2.03	3.78	.53	5/16, 3/8	.45
AA-424-215-2	4.75	2.47	3.86	.53	5/16, 3/8	.49
AA-424-228-2	4.75	2.88	3.86	.53	5/16, 3/8	.54
AA-424-316-2	4.75	3.44	3.94	.53	5/16, 3/8, 1/2	.58
AA-508-202-2	5.25	2.03	4.28	.53	5/16, 3/8, 1/2	.62
AA-508-216-2	5.25	2.47	4.28	.53	5/16, 3/8, 1/2	.68
AA-508-229-2	5.25	2.91	4.45	.53	5/16, 3/8, 1/2	.74
AA-508-316-2	5.25	3.44	4.45	.53	5/16, 3/8, 1/2	.78
AA-524-202-1	5.75	2.03	4.77	.53	5/16, 3/8, 1/2	.71
AA-524-216-1	5.75	2.47	4.77	.53	5/16, 3/8, 1/2	.77
AA-524-229-1	5.75	2.91	4.94	.53	5/16, 3/8, 1/2	.84
AA-524-316-1	5.75	3.47	4.94	.53	5/16, 3/8, 1/2	.85
AA-524-400-1	5.75	4.03	4.94	.53	5/16, 3/8, 1/2	1.00
AA-610-202-2	6.28	2.06	5.33	.53	5/16, 3/8, 1/2, 5/8	.91
AA-610-215-2	6.28	2.49	5.27	.53	5/16, 3/8, 1/2, 5/8	.96
AA-610-228-2	6.28	2.92	5.39	.53	5/16, 3/8, 1/2, 5/8	.99
AA-610-314-2	6.28	3.46	5.33	.53	5/16, 3/8, 1/2, 5/8	1.14
AA-610-325-2	6.28	3.80	5.27	.53	5/16, 3/8, 1/2, 5/8	1.17
AA-610-408-1	6.28	4.28	5.27	.53	5/16, 3/8, 1/2, 5/8	1.25
AA-710-316-1	7.31	3.53	6.31	.66	3/8, 1/2, 5/8	1.44
AA-710-326-2	7.31	3.79	6.20	.66	3/8, 1/2, 5/8	1.54
AA-710-412-1	7.31	4.40	6.20	.66	3/8, 1/2, 5/8	1.65
AA-710-420-1	7.31	4.64	6.38	.66	3/8, 1/2, 5/8	1.71
AA-729-316-1	7.91	3.53	6.88	1.05	1/2, 5/8	1.90
AA-729-324-2	7.91	3.81	6.78	1.05	1/2, 5/8	1.91
AA-729-412-1	7.91	4.41	6.78	1.05	1/2, 5/8	2.14
AA-729-419-1	7.91	4.66	7.00	1.05	1/2, 5/8	2.26
AA-816-316-1	8.50	3.53	7.47	1.05	1/2, 5/8	2.03
AA-816-316-2	8.50	3.81	7.31	1.05	1/2, 5/8	2.09
AA-816-412-1	8.50	4.41	7.36	1.05	1/2, 5/8	2.28
AA-816-421-1	8.50	4.66	7.52	1.05	1/2, 5/8	2.48
AA-913-412-1	9.41	4.41	8.30	1.03	1/2, 5/8	2.40
AA-913-420-1	9.41	4.62	8.50	1.03	1/2, 5/8	2.41
AA-913-518-2	9.41	5.59	8.06	1.03	1/2, 5/8	2.63