



DUST COLLECTOR FANS & BLOWERS

Whether you need a fan to match an existing design or have a new project on the go, Daltec has the solution. We can match all of your critical flange and dimensional requirements, to build a perfect drop-in fan, every time.

Daltec's complete line of fans include; radial, paddle wheel, airfoil, backward curved and backward inclined impellers or wheels. We have fans suited to move either clean or dirty air, in direct or belt drive arrangements.

Building a Dust Collector ... build it better with a Daltec fan.

Design Features

- Supplied with or without motor pedestal
- Capacities from 200 – 100,000 CFM
- Impeller mounted on motor shaft
- Continuously welded housings
- Wheel diameters from 8" – 98"
- Pressure to 0" - 70"
- Flange mounting

Optional Items

- Custom designs
- Damper, shaft seal and guards
- AMCA spark resistant construction
- Weather hood, inlet filters & ANSI flanges
- Single phase, three phase, 50 Hz & 60 Hz
- Stainless steel, aluminum or steel construction
- TEFC, explosion proof, mill & chem, ATEX motors



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Daltec ... working with you to build the best Dust Collection equipment possible

Tip For Selecting Dust Collector Fans

If your fan is upstream of the collector and will see dust, use a radial type fan. Radial fans come in a number of styles, each with varying degrees of dust loading. Shrouded industrial exhausters are suitable for light to medium dust loading. Shrouded radial tip impellers work well under medium to heavy dust loading conditions. Open radial type impellers flourish in material handling and heavy dust loading environments

Applications downstream of the dust collector moving clean or filtered air should include a backward curved or backward inclined impeller.

Also Available From Daltec

Panel, Wall & Condenser Fans



Food Grade Industrial Exhaust Fans



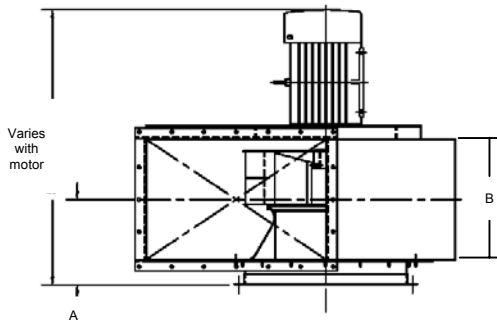
Double Wide Centrifugals



Mixed Flow Impellers and Fans



For complete performance ratings and/or quotation, please contact your local Daltec sales representative or call (888) 5DALTEC (532-5832) for assistance



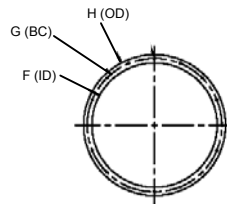
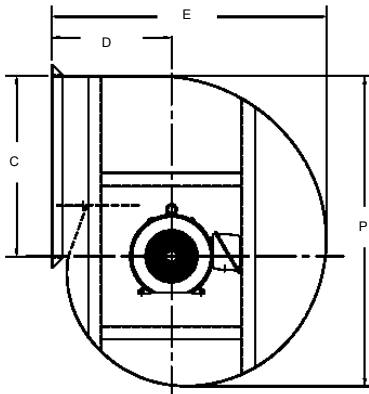
Radial Tip Impeller



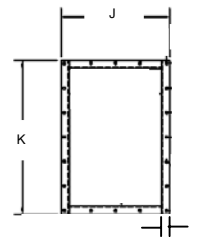
Open Radial Impeller



Backward Inclined Impeller



Inlet Flange Detail



Outlet Flange Detail

Fan Assembly					Inlet Flange					Outlet Flange						
Model	A	B	C	D	E	Model	F	G	H	M	Model	J	K	L	N	Model
BI-122	7 1/8	9 1/4	13 3/4	10 1/16	21 13/16	BI-122	12 1/8	14	15 1/8	7/16	BI-122	11 3/4	16 1/4	1.25	7/16	BI-122
BI-135	7 9/16	10 1/8	15 3/16		24 1/8	BI-135	14 1/8	16	17 1/8	7/16	BI-135	12 5/8	17 11/16	1.25	7/16	BI-135
BI-150	8 15/16	11 1/4	16 13/16	12 1/16	26 9/16	BI-150	15 1/8	17	18 1/8	7/16	BI-150	14 1/4	19 13/16	1.5	1/2	BI-150
BI-165	9 5/16	12 1/2	18 1/2	13 1/16	28 13/16	BI-165	17 1/8	19	20 1/8	7/16	BI-165	15	21	1.5	7/16	BI-165
BI-182	10 1/8	13 3/4	20 7/16	13 13/16	31 3/8	BI-182	19 1/8	20 3/4	22 1/8	7/16	BI-182	16 3/4	23 7/16	1.5	1/2	BI-182
BI-200	11 5/8	15 1/8	22 9/16	15 3/16	34 1/2	BI-200	20 1/8	21 3/4	23 1/8	7/16	BI-200	18 1/8	25 9/16	1.5	1/2	BI-200
BI-222	12 1/2	16 7/8	25 1/16	17 5/16	38 3/4	BI-222	23 1/8	24 7/8	26 1/8	7/16	BI-222	19 7/8	28 1/16	1.5	1/2	BI-222
BI-245	13 15/16	18 1/2	27 9/16	18 3/4	42 3/8	BI-245	26 1/8	28 3/8	30 1/8	7/16	BI-245	21 1/2	30 9/16	1.5	1/2	BI-245
BI-270	14 7/16	20 3/8	30 5/16	20 3/8	46 1/4	BI-270	28 1/8	30 3/8	32 1/8	7/16	BI-270	24 3/8	34 5/16	2	9/16	BI-270
BI-300	15 15/16	22 5/8	33 11/16	22 5/16	51 1/4	BI-300	30 1/8	32 3/8	34 1/8	7/16	BI-300	26 5/8	37 11/16	2	9/16	BI-300
BI-330	16 13/16	24 3/4	37 1/16	24 5/16	56 1/16	BI-330	33 1/8	35 3/8	37 1/8	7/16	BI-330	28 3/4	41 1/16	2	9/16	BI-330

Backward inclined fan sizes up to 30.25" diameter and 201,000 CFM available. Call Daltec for selection and dimensions.

Dimensions are preliminary and are not to be used for construction

Please contact Daltec (888) 532-5832 for exact dimensional details



Canada:
Daltec Industries Ltd.
Guelph, Ontario, N1E 5V5
Tel: (519) 837-1921
Toll Free: (888) 532-5832
faninfo@daltecfans.com
www.daltecfans.com

United States:
Daltec Industries Ltd.
Maple Grove, Minnesota, 55311
Toll Free: (888) 5Daltec
(888) 532-5832
wdimarco@daltecfans.com
www.daltecfans.com



MEMBER