

CENTRIFUGAL INLINE FANS

CENTRIFUGAL BACKWARD INCLINED INLINE FANS

Aerotech Fans are made in according to AMCA Standard 210. Prior to shipment units are factory run. Actual test conditions may be simulated at factory and can be witnessed by users or their representatives. Fans are warranted against manufacturing defect.

A typical rugged unit with heavy gauge sheets and bracing with mild steel structure provide strength and rigidity for long service life. Ready access to the motor and sturdy motor base provides for quick and accurate belt adjustment and ease of maintenance.

A heavy duty properly sized shaft and bearings of self-aligning type. The fan shafts are properly sized and are made of carbon steel 1040. Close tolerances are maintained where the shaft makes contact with bearings and fan wheel hub. Bearings are either ball or roller type dependent upon the size and class of fan involve. Specialized type of bearings to suite non-standard operating conditions involving temperature, extra heavy loading or other field conditions are available.

Housings are equipped with inlet cones designed for smooth air flow into accompanying intake rim of the fan impeller. The matching pair of intake cone and wheel rim operates as a unit for best air flow.



Size 8" to 36" Fan

FEATURES

- Sizes 8" to 36"
- Ducted & Non-ducted Application
- Backward Inclined Wheel
- Direct & Belt-Drive
- Carbon Steel Shaft
- Spun Inlet Cone
- Standard construction in mild steel
- Standard corrosion resistant primer prior to finished enamel paint
- Removable Side Panels
- Quieter than Tube Axial Fan
- Motors: TEFC, IP54, class F insulation, Eff IE2
- Electrics 380/400 V, 50 Hz, 3Phase

OPTIONS

- Stainless steel or aluminum wheel
- Stainless steel scroll and shaft
- Special coatings i.e. epoxy or rubber chlorinated paint.
- Discharge dampers made from heavy gauge GI sheet available both in parallel and opposed blade.
- Gravity Shutter on discharge
- G4 Filters on suction side
- Cabinet Fan with Bag & Hepa filter section



CABINET FAN WITH BAG & HEPA FILTERS



DIA	A	B	C	D
15	610	520	450	360
16	660	570	485	395
18	740	650	542	452
20	820	680	601	461
22	900	760	661	521
24	990	850	726	586
27	1090	950	800	660
30	1200	1060	896	756
33	1330	1190	980	840
36	1470	1330	1086	946

Dimensions in mm