

DJF Series Centrifugal Push-pull Exhaust Fan (Double Rotational Hammer)



SHUTTER
OPENING



CLOSING



iShark Fan Blade is specially designed for the maximum efficiency, which made of krupp stainless steel by punch forming, for large air volume, without deformation, no dust, retractable and durable. Thickness 1.2 mm.



Motor voltage and frequency can be customized. Motor protection grade IP55, insulation class F grade.



Centrifugal System opens the shutters at complete 90° to ensure the lowest air resistance and largest air volume. When closed, the sealing can efficiently block light and wind into the industrial structure. **The fasteners of centrifugal system** all are copper rivets, wear-resisting and rust, proof and flexible. Guide rod is made of 304 stainless steel to ensure high strength, no rust and reduce friction.



Fan Belt Pulley and Flange are made of high strength aluminium-magnesium alloy by die-casting. It is light weight and has lower vibration. Treatment applied for attractive appearance and to eliminate internal stress to improve its own rigidity and stability.



Frame adopts Hot Galvanized sheet with zinc thickness of 275g/m², which extremely improves its **anti-corrosion performance**. Shutter fixed parts are made of high quality nylon which ensure long service life and open flexibly. Shutters are made of galvanized sheet with thickness of 0.8mm and 1.5mm, that ensure shutters do not deform and running stable.



Motor Plate has fixed nuts, in a hexagon plate type. The stainless steel washer never loosen.



Mitsubishi Belts are used to ensure the long service life and is maintenance free.



Fan Side Frame with plastic handle is **easy to carry**, convenient to load, reasonable design to avoid injuries & improve appearance.

TECHNICAL PARAMETER

Model Specifications	Drive	Blades Diameter (mm)	Blades rotational speed(rpm)	Motor rotational speed (rpm)	Air Flow (m³/h)	Total Pressure (Pa)	Noise decibels (dB)	Input Power (w)	Power Parameter	Height (mm)	Width (mm)	Thickness (mm)
DJF-750	Belt	600(24in)	960	960	10600	75	≤ 70	370	380V/50Hz	750	750	450
DJF-1000	Belt	910(36in)	610	1400	25000	57	≤ 64	700	380V/50Hz	1000	1000	400
DJF-1100	Belt	1000(40in)	600	1400	32500	57	≤ 64	750	380V/50Hz	1100	1100	400
DJF-1380	Belt	1270(50in)	439	1400	44000	57	≤ 64	1100	380V/50Hz	1380	1380	400

Note : Power parameter can be customized.

Concentrate on Professional International Quality



Linking Parts are made of aluminum alloy which is **light weight, prevents deformation**, added with wear-resistant shaft sleeve. It is designed to reduce friction to ensure the shutters open flexibly. The spring is made of 204 stainless steel, ensures long life, no deformations and no rust.



Fan Blades are adjusted by intelligent dynamic - balance tester, the weight tolerance of each blade is controlled within 1g. This ensures **smooth running, lower vibration, lesser noise & increase stability**. Blade material has stainless steel, galvanized sheet or aluminum alloy as an option.



The **Washer and fastener** parts are made of stainless steel, **there by does not rust and enhancing the appearance**.



Blade Support is Hot-dip galvanized and the safety net ensures it never rusts.



Fan Bearing adopts double-row bearing with special water proof design. High strength, low noise, maintenance free and long service life.

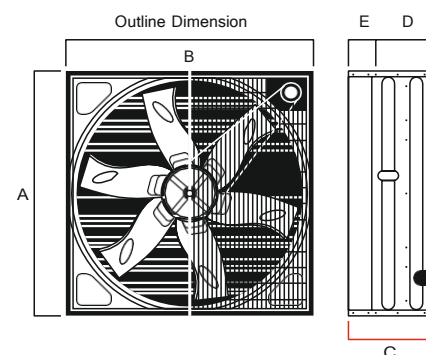
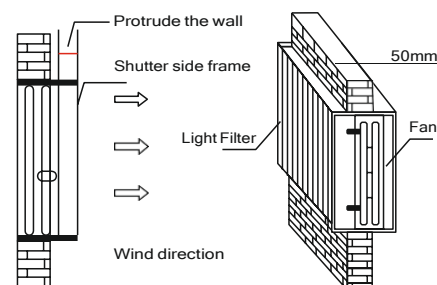


CNC Production Line makes the fan quality upto fp grade and enhances **aesthetic appearance**.



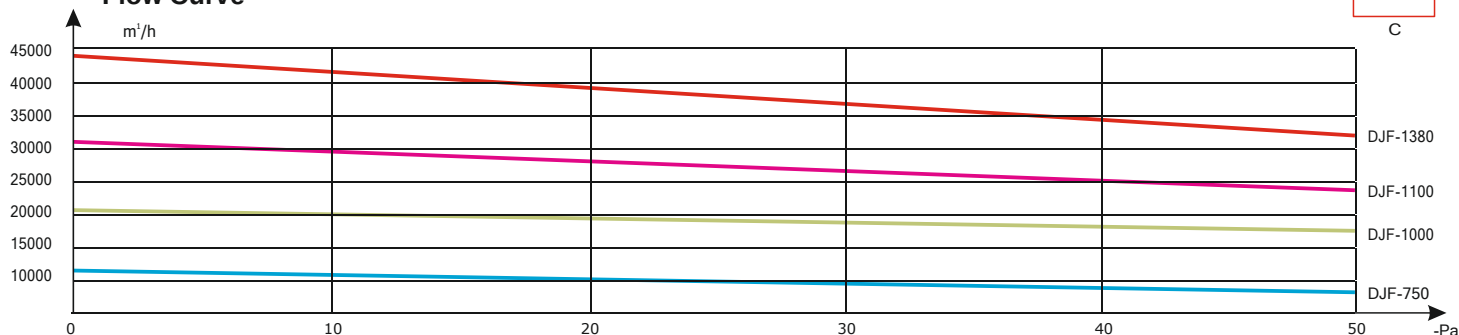
The **Fasteners** fixed on both ends of blade support are changed from traditional iron plates to aluminum magnesium alloy base, traditional welding connection to plug-in connection which has greatly reduced the friction coefficient, **fixed more firmly to avoid rust** and improves the appearance.

Installation Diagram



Fan Model	Noise	Dimension (mm)				
	at 7 m Distance	A	B	C	D	E
DJF-750 (24")	69	750	750	510	370	140
DJF-1000 (36")	67	1000	1000	450	305	145
DJF-1100 (40")	63	1100	1100	450	305	145
DJF-1380 (50")	59	1380	1380	450	450	145

Air Flow Curve



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