

QUALITY IS THE DESTINATION. . . .

BIGairFANs

INDUSTRIAL AIR SUPPLY & EXHAUST FANs

Product Catalogue

BAF-1380*i*

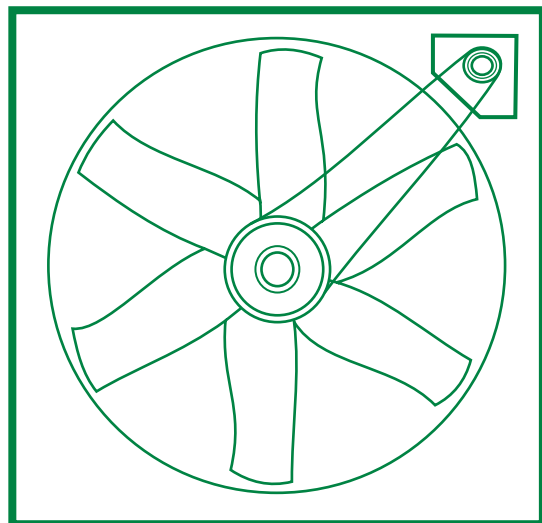
BAF-1000*i*

BAF-850*i*

BAF-750*i*

BAF-600*i*

Made in China 



FARID ENGINEERING WORKS

17-Km Ferozepur Road, Attari Road, Lahore. Tel: +92 4235139206 Mob: +92 322 4949452

Email: marketing@few.com.pk, faridengworks@gmail.com, Web: www.few.com.pk

EXHAUST FAN:-

BAF-1380i / 1000i / 850i / 750i / 600i

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BAF-900i is the ideal exhaust fan whenever high airflow capacity is required. The unique propeller design is self cleaning and allows the highest efficiency to be reached.

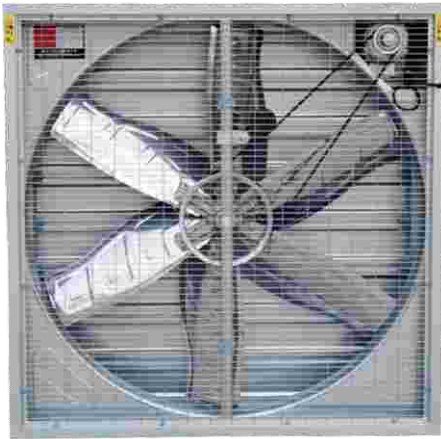
The square fan housing and air conveyor are made of a strong galvanized sheet-steel. The 6 blade propeller is statically and dynamic balanced for low noise and low vibration.

This fan is China made and manufactured according to all international standards with highly efficient plants and machinery. *Farid Engineering Works* has been importing these fans for 10 years and providing this extra ordinary products to its valuable customers.



Propeller and Shutters:-

The propeller is attached to a large V-Belt pulley in which is embedded a double ball bearing protected against water. The belt transmission ensures low propeller rpm, which ensures high efficiency and low energy consumption as well as low noise. The shutters are made of galvanized steel for all models, which is stronger than aluminum and plastic. The fan shutter is tightly closed when the fan is not working preventing any air leakage through the fan. The hammer or centrifugal system hinders the shutters from being closed by air pressure, keeping the efficiency of fan at peak at all times by keeping the shutter fully and firmly open. The shutter does not have to be cleaned regularly as dust does not affect its opening and closing movement. All the plastic parts are made of acetylic plastic with UV protection.



Other Fan Equipment:-

Fan Blades (Wings) are made of Stainless Steel (SS).

SS Material is naturally safe from rust and moisture.

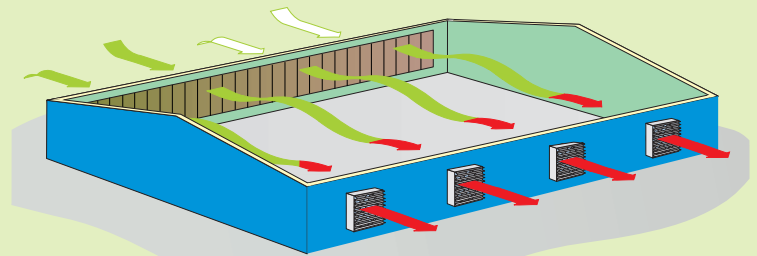
Blades are long life and highly efficient as per international standards.

Fan housing & Shutters are made of strong & pressed galvanized sheet-steel in to order to ensure highest strength.

Each motor is individually tested for 100% quality Control.

Central hub and V-Belt pulley are made from die-cast aluminum.

Propeller is statically and dynamically balanced. Shutter bearings are maintenance free. Hammer/Centrifugal system permits a fully and firm opening and closing of the shutters. Shutters opening is not affected by the weight of dust deposited on shutter blades. A powerful couple of springs keep the shutters firmly closed when the fan is not operating. Every Fan is individually checked for quality.

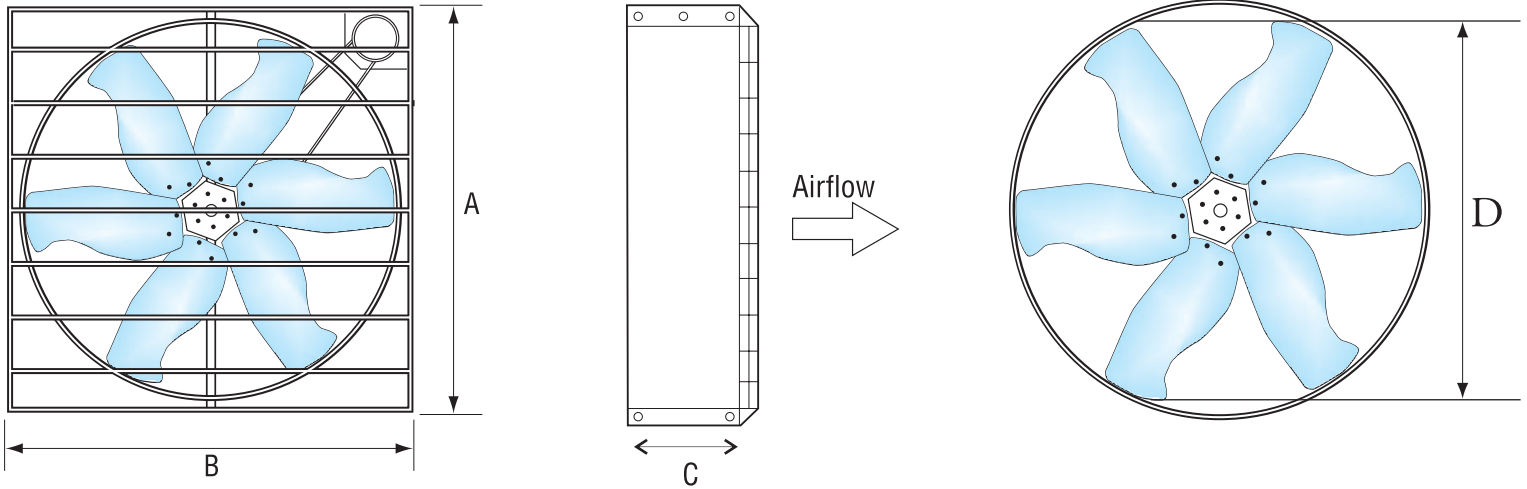


The principle of the climate controlled environment.

EXHAUST FAN:-

BAF-850i/ BAF-1000i/ BAF-1380i

Belt Driven Fan Models



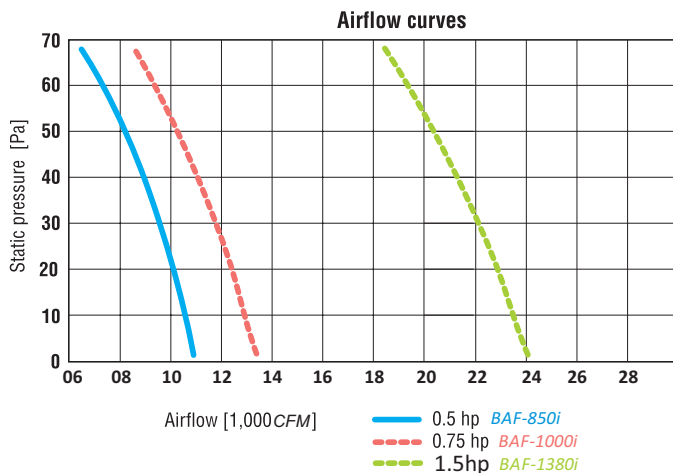
Dimensions [mm]			
BAF-850i			
A	B	C	D
850	850	400	750

Dimensions [mm]			
BAF-1000i			
A	B	C	D
1000	1000	400	900

Dimensions [mm]			
BAF-1380i			
A	B	C	D
1380	1380	400	1250

Technical specifications

		BAF-850i	BAF-1000i	BAF-1380i
Weight of fully equipped fan	[kg]	35KG	40KG	65KG
Nominal propeller speed	[rpm]	650	550	550
Airflow	[cfm]	11000	13000	24000
Motor	[hp/kw]	0.5/0.37	0.75/0.55	1.5/1.1
Propeller diameter	[mm]	750	900	1250
Number of blades (Wings)		6	6	6
Number of shutter blades		5	5	8
Max. operating temperature	[°C]	50°	50°	50°
IEC protective class of electric motor		ip-55	ip-55	ip-55
Noise Level	dB (A)	<58	<58	<58

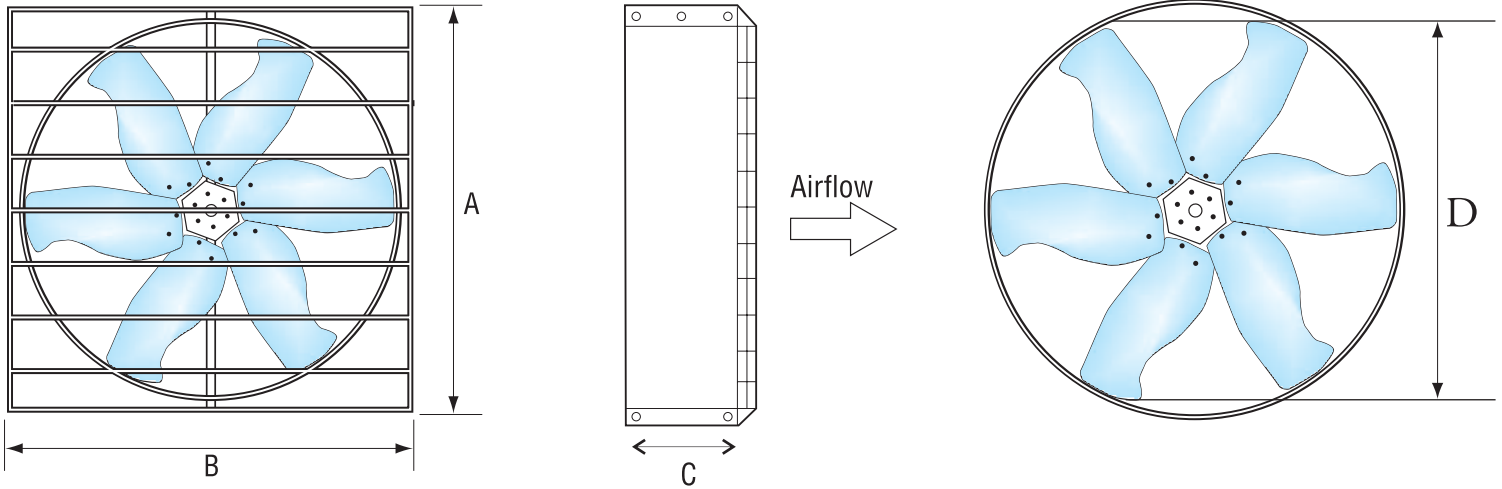


SR #	Nominal Power KW	HP	Phase	Frequency Hz	Voltage V	Current Amp	RPM
BAF-850i	0.37	0.5	3	50	400~440	1.3	1450
BAF-1000i	0.55	0.75	3	50	400~440	1.6~2	1450
BAF-1380i	1.1	1.5	3	50	400~440	2.5~3	1450

EXHAUST FAN:-

BAF-750i/ BAF-600i

Direct Driven Fan Models



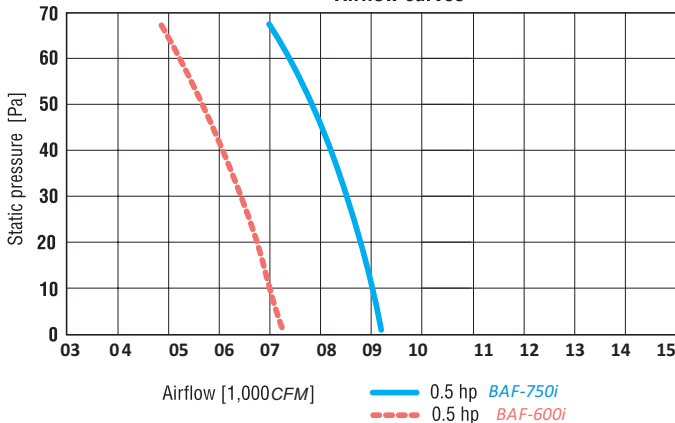
Dimensions [mm]			
BAF-750i			
A	B	C	D
750	750	400	600

Dimensions [mm]			
BAF-600i			
A	B	C	D
600	600	400	500

Technical specifications

	BAF-750i	BAF-600i
Weight of fully equipped fan [kg]	35KG	25KG
Nominal propeller speed [rpm]	1000	1400
Airflow [cfm]	9000	7000
Motor [hp/kw]	0.5/0.37	0.5/0.37
Propeller diameter [mm]	600	500
Number of blades (Wings)	6	4
Number of shutter blades	4	5
Max. operating temperature [°C]	50°	50°
IEC protective class of electric motor	ip-55	ip-55
Noise Level dB (A)	<58	<58

Airflow curves



SR #	Nominal Power KW	HP	Phase	Frequency Hz	Voltage V	Current Amp	RPM
BAF-750i	0.37	0.5	3	50	400~440	1.3	1000
BAF-600i	0.37	0.5	3	50	400~440	1.3	1400

EXHAUST FAN:- BAF-1380i / 1000i / 850i

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Features & Benefits:-

- China Made Imported Fans.
- 6 Stainless Steel Wings/Blades.
- Galvanized Body.
- Safe from Rust and Moisture.
- Long Life, Heavy Duty & energy efficient Fans.
- Low Noise Level.
- Fully Protected & covered from all sides.
- 99.99% Pure Copper Winded best quality motor.
- Manufactured and Assembled as per International standards & Safety rules.
- Easy Installation process.
- Different Sizes available to use as per site.
- Tested airflow (CFM)



Industries where it can be used...

- Textile industries ←
- FMCGs & Floor Mills ←
- Automotive industries ←
- Stitching Units, Clothing and Apparel Industries ←
- Footwear & Leather Industries ←
- Poultry and Dairy Industries ←
- Cosmetics Industry ←
- Printing and Publishing ←
- Rubber & Plastic Industries ←
- Chemical Industries ←
- Pharmaceutical ←
- Warehouses ←
- Electrical and Mechanical Manufacturing Units ←
- and any kind of manufacturing units. ←



SAFETY INFORMATION:-

- * Use a Stable Power Connection Only.
- * Unplug/Switch off this fan when not in use.
- * Always use this fan with a switch having these safeties.
 - Under/over Voltage Protection Relay
 - Overload Protection Relay
 - Phase Failure Protection
- * Do not put any object through the grilles into the blade or motor
- * Do not expose to the elements or allow the fan to become wet.
- * Do not move or adjust fan while in operation.

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a product by....



FARID ENGINEERING WORKS

www.few.com.pk, info@few.com.pk, faridengworks@gmail.com
17-KM Ferozpur Road, Attari Road, Lahore. 042-35139206, 03224949452