

Propeller Extraction Fan

A reliable, robust and versatile air mover propeller fan continues to meet the demand for a competitive, easy to install ventilation fan, delivering volume flow rates of 0,22m³ to 4,00m³ per second with pressures up to 130 pascal, the propeller fan is a cost effective fan for moving large volumes of air at low pressures.

The complete fan assembly is mounted on an octagonal pressed steel mounting plate. Produced in six diameters 230, 300, 400, 450 and 600mm, the impeller comprises four heavy gauge pressed steel blades bolted to the die cast aluminum alloy hub. dynamically balanced after assembly. Four rigid mild steel arms are provided for fixing the motor and impeller to the mounting plate by way of special vibration absorbers.

Each model is supplied complete with a motor side wire guard providing protection against accidental contact with the blades whilst the impeller is in motion and preventing air borne objects from passing through the fan.

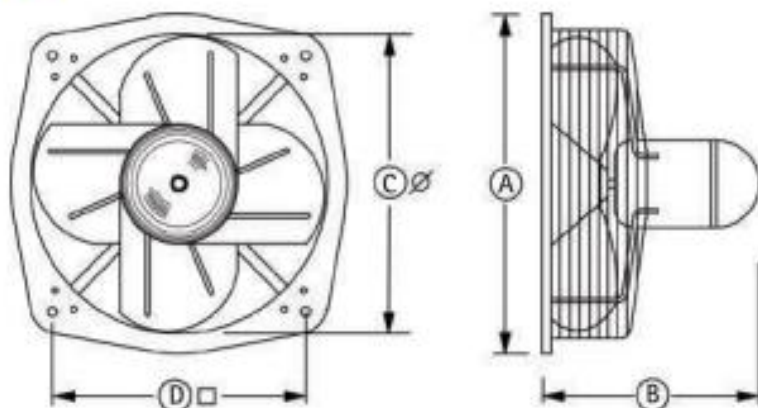


EASTERN ELECTRIC
FAN EQUIPMENT

Totally enclosed motors specifically designed to match their respective impellers are protected to IP54 standard, with sealed for life ball bearings to BSZETB/1970. Standard motors are suitable for operation in ambient temperatures between -20 C and 40°C in relative humidity up to 95%. All 220 volt models are supplied with a one metre electrical cord, which may be connected to a 15 amp switch socket or a suitable isolator at the fan.

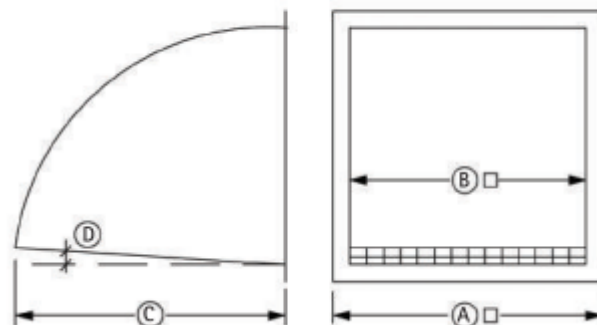
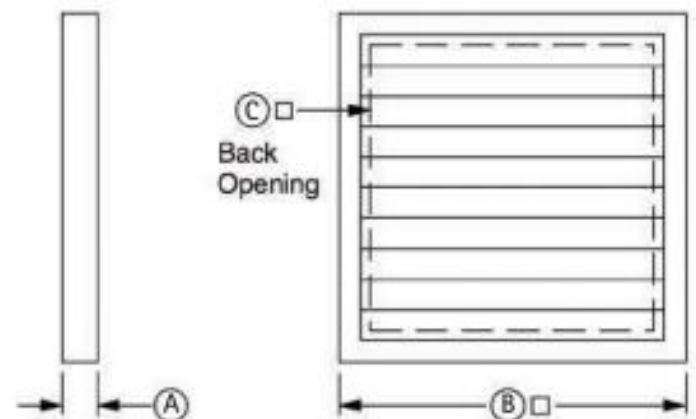
The 380 volt models are not supplied with an external electrical cord. Motors exposed to the weather or other arduous conditions may require further treatment. The highest degree corrosion resistance is ensured by phosphoric cleaning and double dipping all steel and alloy components in resin based paint. Bolts, nuts and other fixings including the motor side wire guard are electro-galvanized. An epoxy resin impeller side guard may be fitted as an optional extra. the product carries a one year warranty.

FAN



WALL COWL

LOUVRE SHUTTER



FAN TECHNICAL DATA

FAN CODE	CURVE	SIZE	SPEED RPM	POWER WATTS	CURRENT AMPS	SUPPLY V/~	dBA
FAC23/4	1	230	1400	50	0,20	220/50	48
FAC30/4	2	300	1400	130	0,50	220/50	52
FAC40/6	3	400	960	125	0,45	220/50	46
FAC40/4	4	400	1400	200	0,85	220/50	62
FAC45/6	5	450	960	165	0,62	220/50	53
FAC45/4	6	450	1400	300	1,60	220/50	65
FAC60/6	7	600	960	330	1,55	220/50	64
FAC60/4	8	600	1400	1100	4,10	220/50	78
FTAC40/4	4	400	1400	200	0,45	380/50	62
FTAC45/6	5	450	960	165	0,55	380/50	53
FTAC45/4	6	450	1400	300	0,65	380/50	65
FTAC60/6	7	600	960	330	0,80	380/50	64
FTAC60/4	8	600	1400	1100	2,10	380/50	78

FAN DIMENSIONS AND WEIGHT

CODE	A	B	C	D	Kg	
FAC23	296	200	230	235	5,00	
FAC30	386	235	300	308	9,66	
FAC40 / FTAC40	480	250	400	380	11,12	
FAC45 / FTAC45	556	285	450	432	16,15	
FAC60 / FTAC60	720	395	600	570	26,80	

LOUVRE SHUTTER –Aluminium

CODE	Fan Size	A	B	C	
GRM350	FAC23	25	350	300	
GRM400	FAC30	25	400	350	
GRM535	FAC40 / FTAC40	25	534	484	
GRM635	FAC45 / FTAC45	25	634	584	
GRM725	FAC60 / FTAC60	25	725	675	

WALL COWL – FIBREGLASS

CODE	Fan Size	A	B	C	D
WC250	FAC230	340	280	265	15°
WC400	FAC30 / FAC40 & FTAC40	505	410	440	15°
WC500	FAC45 / FTAC45	604	514	494	15°
WC630	FAC60 / FTAC60	760	640	582	15°