FAC Propeller Fans

Application

This is a well established range of fans that is both reliable and robust in construction. It provides a cost effective solution for most basic ventilation requirements, ideal for use in workshops, factories, shops, kitchens and agricultural buildings.

Construction

The complete fan assembly is mounted on a rigid pressed metal frame. The impeller consists of a die cast hub with four rigid contoured metal blades, and is dynamically balanced after assembly.

The motor is supported on the mounting plate by four steel arms with rubber mountings.

A motor side guard is fitted as standard.

The highest degree of corrosion resistance is achieved by thorough surface preparation followed by a high quality baked enamel coating. All fasteners are electro-galvanised.

Motors

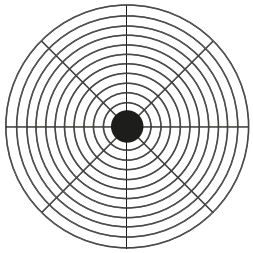
The motors are totally enclosed airstream rated with power designed to match the respective sizes of impeller and speed. They are protected to IP44 and fitted with sealed-for-life ball bearings.

The windings have class E insulation suitable for operation in ambient temperatures between -20°C and +40°C.

Ancillary equipment: Wall cowls; Louvre shutter; Impeller side wire guard

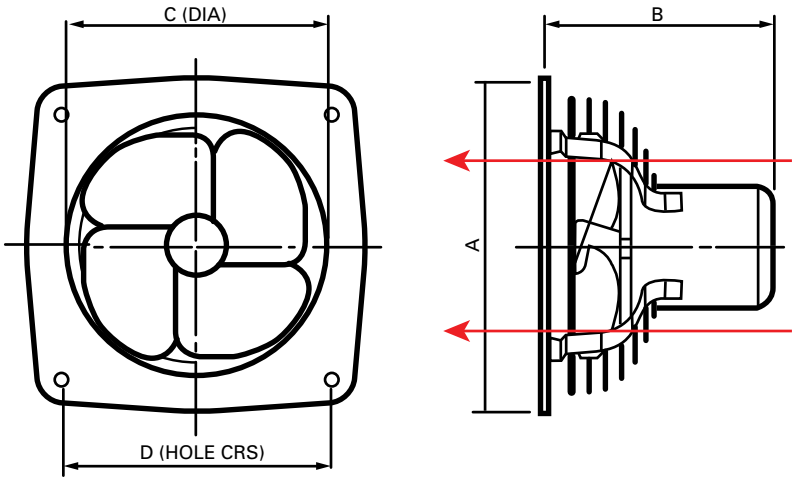
Weather Cowl

Louvre Shutter



Impeller-side Guard

	Model	Fan size (ø mm)	Motor power (W)	Motor full load amps (A)	Power supply (Ph/V/Hz)	Fan speed (RPM)	Sound level (dBA @ 3 m)	Free air delivery (m³/s)	FORM B Available?	Shipping mass (kg)	Shipping dimensions (L x W x H cm)
Single phase	FAC23/4	230	50	0,21	1/220/50	1400	50	0,22	Yes	5	31 x 31 x 22.5
	FAC30/4	300	100	0,5	1/220/50	1400	53	0,53	Yes	9,8	40 x 40 x 27
	FAC40/4	400	200	0,95	1/220/50	1400	61	1,13	Yes	11,4	49 x 49 x 27.5
	FAC40/6	400	200	0,91	1/220/50	900	56	0,8	No	11,4	49 x 49 x 27.5
	FAC45/4	450	300	1,5	1/220/50	1400	65	1,89	Yes	16,9	57 x 57 x 32
	FAC45/6	450	180	0,8	1/220/50	950	56	1,27	No	16,9	57 x 57 x 32
	FAC60/4	600	1100	4,2	1/220/50	1400	74	4,44	Yes	26	73 x 73 x 41
	FAC60/6	600	330	1,7	1/220/50	950	64	2,9	No	26	73 x 73 x 35
Three phase	FTA38/6	380	100	0,35	3/400/50	910	55	0,69	Yes	8,7	48 x 48 x 34
	FTAC40/4	400	200	0,45	3/400/50	1400	61	1,13	Yes	11,4	49 x 49 x 28
	FTAC45/4	450	300	0,78	3/400/50	1400	65	1,89	Yes	16,9	57 x 57 x 32
	FTAC45/6	450	180	0,55	3/400/50	950	56	1,27	Yes	16,9	57 x 57 x 32
	FTAC60/4	600	1100	1,72	3/400/50	1400	74	4,44	Yes	26	73 x 73 x 41
	FTAC60/6	600	330	0,78	3/400/50	950	64	2,9	Yes	26	73 x 73 x 38



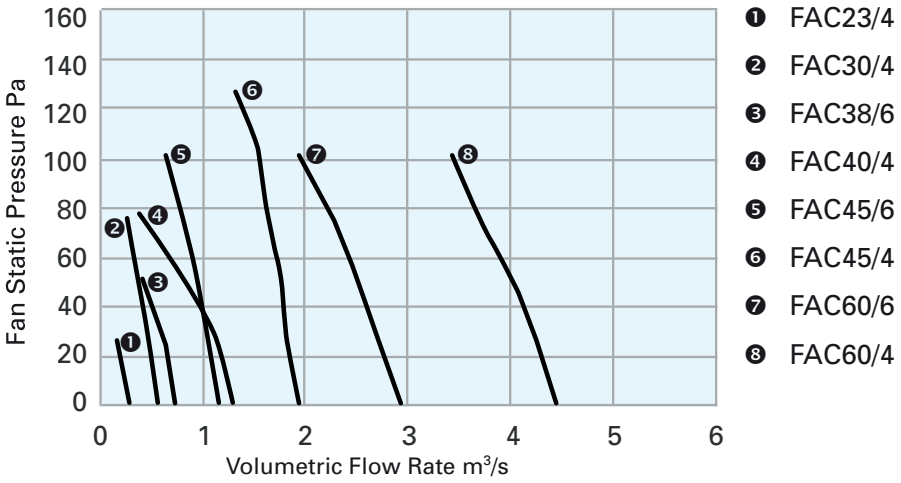
Note: Airflow standard is FORM A.

FORM B is available on certain models and must be specified when ordering – refer to the table.

Dimensions

	Model	A x A	B	C	D x D	Holes	Weather cowl	Impeller side guard
Single phase	FAC23	296	200	230	235	4 x Ø9	WCL400	Ø315
	FAC30	386	240	300	308	4 x Ø9	WCL400	Ø315
	FAC40	482	250	400	380	4 x Ø9	WCL400	Ø400
	FAC45	557	300	450	432	5 x Ø11	WCL500	Ø500
	FAC60	720	405	600	572	5 x Ø13	WCL630	Ø630
Three phase	FTA38/6	472	280	380	368	4 x ø9	WCL400	Ø400
	FTAC40	482	250	400	380	4 x Ø9	WCL400	Ø400
	FTAC45	557	300	450	432	4 x Ø9	WCL500	Ø500
	FTAC60/6	720	405	600	572	5 x Ø11	WCL630	Ø630
	FTAC60/4	720	405	600	572	5 x Ø13	WCL630	Ø630

Aerodynamic Performance Data



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