

# Propeller Fans

This is a well established fan that is both reliable and robust in construction. It provides a cost effective unit for most ventilation requirements, ideal for use in workshops, factories, shops, kitchens, poultry houses, and agricultural buildings.

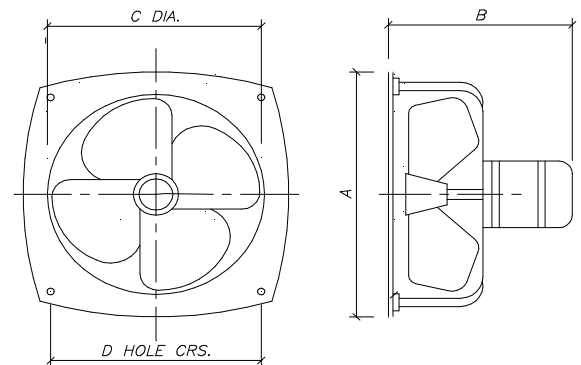
The complete fan assembly is mounted on a rigid pressed metal frame. The fan is produced in five sizes: 230, 300, 400, 450, 600, . The impeller consists of a die cast hub with four rigid contoured metal blades and is dynamically balanced after assembly. The motor is supported on the mounting plate by four mild steel arms with rubber mountings. A motor side and discharge guard is fitted as standard. □

□ Motors are totally enclosed airstream rated with power designed to match the respective sizes of impeller and speed. They are protected to IP44 with sealed - for - life ball bearings and class E insulation suitable for operation in ambient temperatures up to 40°C.



## DIMENSIONS & MASS

Fan Code	Fan Size C	A x A	B	D x D	Holes	Mass kg
FA23	230	296	200	235	4 x ø9	4.6
FA30	300	386	235	308	4 x ø9	9.8
FA40	400	480	250	380	4 x ø9	11.4
FA45	450	556	285	432	4 x ø11	16.9
FA60	600	720	395	570	4 x ø13	30



## PERFORMANCE AND TECHNICAL

Fan Code	Size mm	Speed RPM	dBA @ 3m	Airflow Performance m <sup>3</sup> /sec @ Pa						Power W	Current A	Supply V / ~	
				25	50	75	100	125	150				
FA23/4	230	1400	50	0.22	0.11	-	-	-	-	-	50	0.21	220 / 1
FA30/4	300	1400	53	0.53	0.43	0.33	0.21	-	-	-	130	0.5	220 / 1
FA40/4	400	1400	61	1.13	1.0	0.9	0.77	0.6	-	-	220	0.95	220 / 1
FA45/4	450	1400	65	1.89	1.79	1.72	1.6	1.51	1.3	-	380	1.5	220 / 1
FTAC45/4	450	1400	65	1.89	1.79	1.72	1.6	1.51	1.3	-	380	0.78	380 / 3
FA45/6	450	950	56	1.27	1.1	0.8	0.35	-	-	-	300	0.8	220 / 1
FA60/6	600	950	64	2.9	2.69	2.48	2.24	1.93	-	-	380	1.7	220 / 1
FTAC60/6	600	950	64	2.9	2.69	2.48	2.24	1.93	-	-	380	0.78	380 / 3

Sound pressure levels indicated are for comparative purposes only, and all site conditions and arrangements should be taken into account for the actual installed levels. The sound pressure values are in dBA based on tests according to BS. 848 Part 2, 1966. They are mean free field values at a distance of 3m from the fan inlet or outlet.

All dimensions in mm.