

# PROFEN

## PORTABLE ELECTRIC VENTILATOR JAPANESE STANDARD

**APPLICATIONS:** Our PF Series Portable Blower Has Many Strong Point Such As Excellent Function Specially Style, Lightweight, Strong Wind-Power And Reasonable Structure It's Special Manufactured For Underground Cable Maintenance, Exhaust For Fire Fighting, Piping Construction And In Other Violent Working For Ventilation.

**Note:** Make Sure The Ventilator's Voltage In Accordance With Local Voltage Before Use. The Ventilator Only Can Be Used In Ordinary Situation, But Not High Humidity Situation For The Problem Of Safety Caused By Insulated. And Please Find A Professional Maintenance Man To Rub The Lube In Machinery Axletree After Ventilator Has Used 1000hours, To Ensure The Ventilation Has Long-Life



PF-16 /PF-20

PF-12

PF-10

PF-8

### Function parameter list

Model	Dimension in mm	Voltage V~	Frequency Hz	Watts	Speed	Air delivery (m <sup>3</sup> /min)	Wind pressure (pa)
PF-8	200	110/240	50/60	180/200	2800/3300	25/28	240/264
PF-10	250	110/240	50/60	320/350	2800/3300	42/46	290/320
PF-12	300	110/240	50/60	520/570	2800/3300	60/66	345/380
PF-14	350	110/240	50/60	750/820	2800/3300	82/90	598/658
PF-16	400	110/240	50/60	1100/1200	2800/3300	96/106	700/770
PF-18	450	110/240	50/60	1700/1870	2800/3300	125/138	972/1070
PF-20	500	110/220	50/60	750/750	1400/1400	145/145	165/165

### Precaution

If The Supply Cord Is Damaged, It Must Be Replaced By The Manufacturer, Its Service Agent Or Similarly Qualified Persons In Order To Avoid Hazard.

The Product Is Not For People Who Are Physically Weak, Slow To React Or Mentally Impaired (Including Children) To Use, Unless There Are Guardian To Instruct And Help. Children Must Be Supervised To Use The Product, Ensuring That They Do Not Play With The Appliance.

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Profen electric air circulator fans are the ultimate choice and find acceptance in high temperature environments. The air stream sets in motion surrounding air which become progressively greater in volume with the distance covered and having relatively high air velocities in the axial direction. Air circulator fans reduce the intense heat on the shop floor of the factory.

Profen electric air circulator fans are ideal choice for industries, warehouse, workshops, schools, open air theatres, exhibition halls, hotels and for all applications where large amount of air needed with relatively quite operation

### Features :

1. Uniquely designed impeller for maximum air thrust without distortion of blade profile
2. facility to adjust angle of air stream
3. facility to adjust speed of air stream
4. low power consumption /silent performance
5. double shield bearing
6. suitable for single phase power supply

### Pedestal type:

Pedestal type air circulator fans are designed to be placed on the floor. Cast aluminium alloy totally enclosed squirrel cage motor are mounted on a heavy base and steel supporting column. Wire guard is provided at both side of the impeller for protection. The air stream may be adjusted in vertical and horizontal plane by providing head arrangement.



**Motor:** The motor are totally enclosed, squirrel cage induction type. The single phase motors being capacitor start and run type is supplied with inbuilt condensers. The motor winding are insulated and impregnated with materials selected for high resistance to heat and humidity.

MODEL	SWEEP (MM )	VOLTAGE 50/60Hz	POWER	AIR DELIVERY M <sup>3</sup> /Hr.	MIN PEAK AIR VELOCITY
FS-60	600	220-240	150W	13500	260
FS-75	750	220-240	350W	16800	255

