

**CENTRIFUGAL MEDIUM PRESSURE FAN Direct Driven(Plug fans)
GENERAL FEATURES:**

PF series



- Range with 13 sizes from \varnothing 250 mm. until \varnothing 1000 mm., provided with three phase 2,4 and 6 pole motors. Air-flow up to 90000m³/h.
- Maximum working temperature 250°C in continuous.

MANUFACTURING FEATURES:

- The fan including high efficiency single inlet backward curve impeller + insulated wall + wall support + cooling wheel + motor.
- Insulated thickness and wall support fully welded and adapted to the customer needs.
- Special coat finishing for high temperature applications.
- Squirrel cage asynchronous standard motor, IP-55 protection and rated class F insulation. Standard voltage 230V 50Hz for single phase motors 220/380V 50Hz for three phase.

APPLICATIONS :

Specially designed for assuring the correct air distribution in ovens, kilns or dryers.



MODEL	RPM. max.	POWER Kw	Air flow m ³ /h	Pressure P _a (max)
PF 250	5000	1.5	400 - 3000	1500
PF 280	5000	2.2	600 - 5000	2000
PF 315	4250	4	1000 - 6500	2500
PF 355	3600	7.5	1500 - 10000	3000
PF 400	3300	5.5	1500 - 10000	2000
PF 450	3000	7.5	2000 - 15000	2500
PF 500	2600	11	3000 - 20000	3000
PF 560	2500	18.5	4000 - 30000	4000
PF 630	2000	15	4000 - 30000	2500
PF 710	1750	18.5	5000 - 40000	2500
PF 800	1650	22	7000 - 60000	3200
PF 900	1500	30	10000 - 70000	2500
PF 1000	1350	50	10000 - 90000	3000