



·AC· PFA250HAN (99)



Dia.250x99mm/9.8x3.9inch
Max.680CFM

AC Centrifugal Fan, Motorized Impeller, Backward curved blades

	Rated Volt	Voltage Range	Freq Hz	Input Power Watt	Ref. Speed RPM	Max.Airflow CFM	m3/min	Max.Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ	UL
Model No												
PFA250HAN11-2** (99)	115	100~120	50/60	106/148	2600/2700	619/648	17.5/18.3	2.24/2.71	56.9/68.83	76/78	1	✓
PFA250HAN22-2** (99)	230	200~240	50/60	106(~150)/ 148(~200)	2800/3200	680/780	19.3/22.1	2.36/3.35	59.94/85.09	77/79	2	✓

- ** = "WB" for wire leads type, Ball bearing
- 100, 200, 240V or special voltages 12, 24, 28, 38, 42, 48, 380~440~480... 50/60Hz, & dual voltage version available on request.
- Dual speed High/Medium 1/2, High/Low 1/3, Medium/Low 2/3, Low/extra Low 3/4 or triple speed 1/2/3 available on request.
- Sinwan reserves the right to change data and improve electrical or mechanical design without notice, data tolerance +-10%

Motor

Motor Type:	Outer rotor, Capacitor induction
Burnout Protection:	Thermally protected
IP Protection:	IP54

Mechanical

Frame:	Aluminum die cast, natural treatment
Impeller:	7 blades, glass fiber reinforced plastic, rated UL94V-0
Bearing:	Ball bearing
Rotation:	CW seen on rotor
Connection:	Wire leads (UL1015, #22 AWG)
Weight:	2,650g

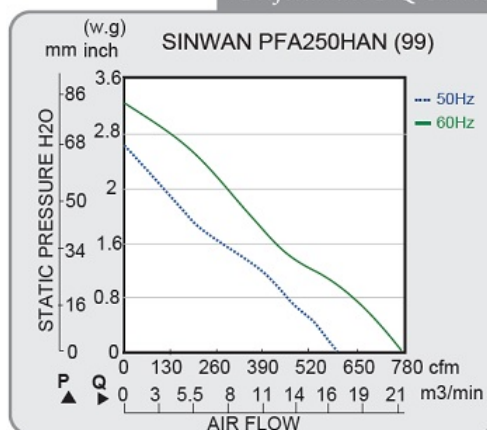
Electrical

Dielectric Strength:	Over 1 min.at 1,500 VAC, 0.5mA, 50/60Hz
Insulation Resistance:	Over 100 MΩ at DC 500V
Signal Output:	Optional: RD, FG

Environment

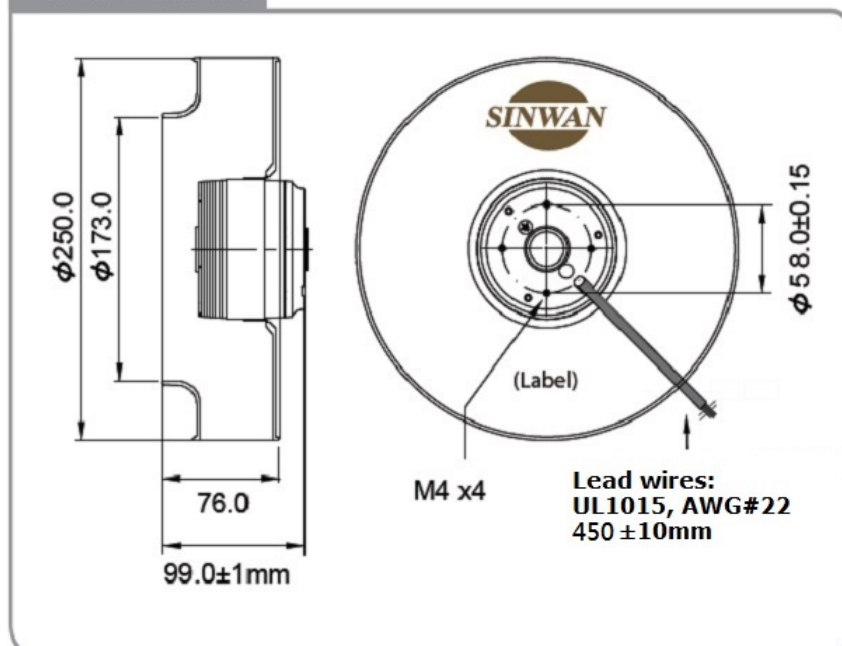
Operating Temp:	-20C~+70C
Storage Temp:	-40C~+80C
Life Expectancy:	L10 70K hours at 25C

► Performance P-Q Curves



Nomenclature
 F/G Tach
 R/D Alarm

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR250SN

