



·AC· PFA225JAN



Dia.225x101mm/8.8x3.98inch Max.640CFM

Sinwan AC Centrifugal Fan, Motorized Impeller, Backward curved blades

Model No	Rated Volt VAC	Voltage Range VAC	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
PFA225JAN11-2**	115	100~120	50/60	109/145	2500/2600	640/640	18.1/18.1	2.0/2.5	50.8/63.5	70/73	2/1	✓
PFA225JAN22-2**	220	200~240	50/60	109/145	2500/2600	640/640	18.1/18.1	2.0/2.5	50.8/63.5	70/73	2/1	✓
PFA225JAN11-4**	115	100~120	50/60	40/45	1400/1600	350/400	9.9/11.3	0.5/0.7	12.7/17.78	53/55	4/3	✓
PFA225JAN22-4**	220	200~240	50/60	40/50	1400/1600	350/400	9.9/11.3	0.5/0.7	12.7/17.78	53/55	4/3	✓

- ** = "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: Impeller & flange glassfiber reinforced PA66

Bearing: Ball bearing

Rotation: CW seen on rotor

Connection: Wire leads (UL1015, #22 AWG)

Weight: 1,985g

Electronical

Dielectric Strength: Over 1 min. at 1,500 VAC, 0.5mA, 50/60Hz

Insulation Resistance: Over 100M Ohm at DC 500V

Signal Output: Optional: RD, FG

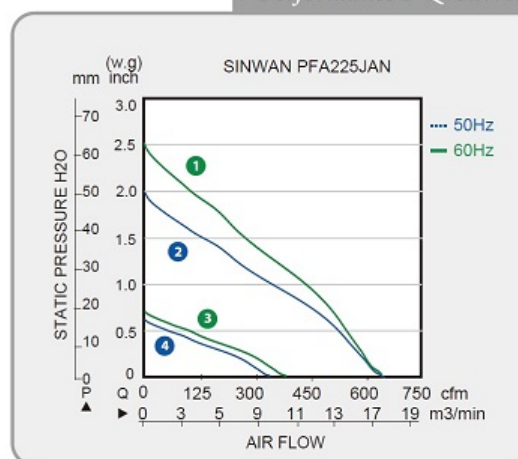
Environment

Operating Temp: -20C~+70C

Storage Temp: -40C~+80C (at 65%RH)

Life Expectancy: L10 70K hours at 25C

► Performance P-Q Curves



Nomenclature

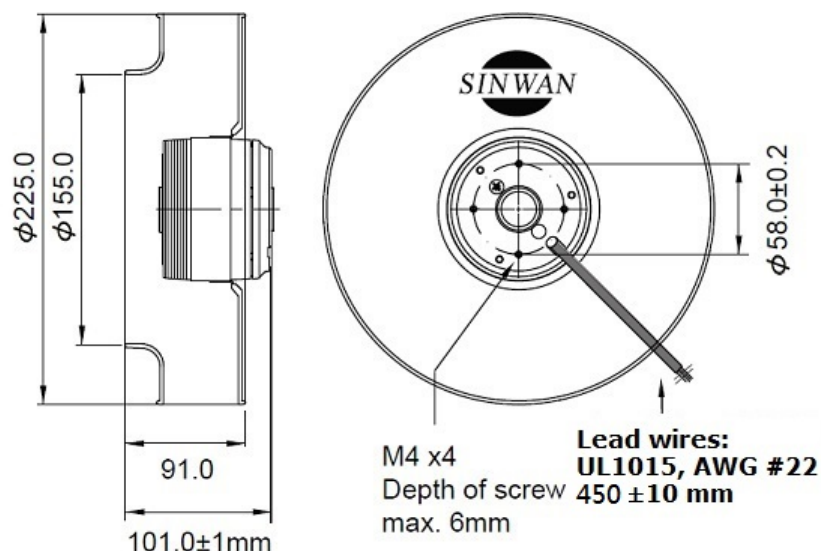


F/G Tach



R/D Alarm

► Outline Dimensions



Relevant products



Inlet nozzle/Duct ring
DR2025SN