



.AC .S825AP (MS)



80x80x25.5mm/3x1inch 25 CFM

Sinwan Plastic Impeller Tubeaxial Fan

	Rated Volt	Voltage Range	Freq	Input Power	Ref. Speed	Max.Airflow		Max.Static Pressure		Noise Level	PQ	UL
Model No	VAC	VAC	Hz	Watt	RPM	CFM	m3/min	Inch/H2O	mm	db(A)		
S825AP-11-1**(MS)	115	100~120	50/60	12/11	2550/2900	18/22	0.5/0.6	0.13/0.19	3.3/4.83	29/33	2/1	✓
S825AP-11-2**(MS)	115	100~120	50/60	8/6	2300/2400	19/21	0.5/0.6	0.14/0.15	3.56/3.81	24	4/3	✓
S825AP-11-3**(MS)	115	100~120	50/60	6/4	2100/2200	16/17	0.5/0.5	0.11/0.12	2.79/3.05	20	6/5	✓
S825AP-22-1**(MS)	230	200~240	50/60	14/13.5	2550/2900	18/22	0.5/0.6	0.13/0.19	3.3/4.83	29/33	2/1	✓
S825AP-22-2**(MS)	230	200~240	50/60	8/6	2300/2400	19/21	0.5/0.6	0.14/0.15	3.56/3.81	24	4/3	✓
S825AP-22-3**(MS)	230	200~240	50/60	6/4	2100/2200	16/17	0.5/0.5	0.11/0.12	2.79/3.05	20	6/5	✓
S825AP-11/22-1**(MS)	115	100~120	50/60	11/9	2500/3000	22/25	0.6/0.7	0.18/0.21	4.57/5.33	28	2/1	✓
dual voltage	230	200~240										
S825AP-11/22-3**(MS)	115	100~120	50/60	6/4	2100/2200	16/17	0.5/0.5	0.11/0.12	2.79/3.05	20	6/5	✓
dual voltage	230	200~240										

- ** = "WB" for wire lead type Ball bearing, or "TB" for terminal 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: Shaded pole induction, inner rotor

Burnout Protection: Impedance protected

IP Protection: -

Mechanical

Frame: Die Cast Aluminum, AP(black)

Impeller: Glass fiber reinforced plastic, rated UL94V-0

Bearing: Two ball bearings or sleeve bearing

Rotation: CCW seen on rotor

Connection: Lead wires or Terminals

Weight: 260g (0.57Lbs)

Electronical

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

Insulation Resistance: Over 100MΩ at DC 500V

Signal Output:

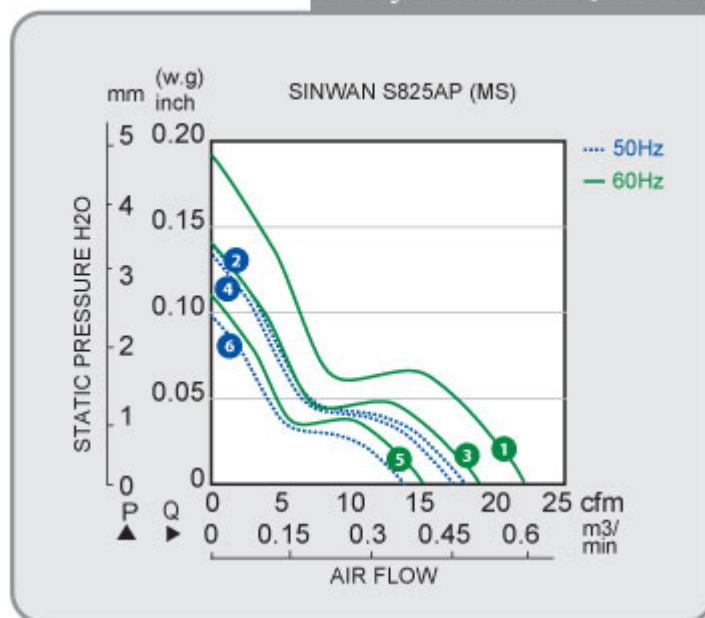
Environment

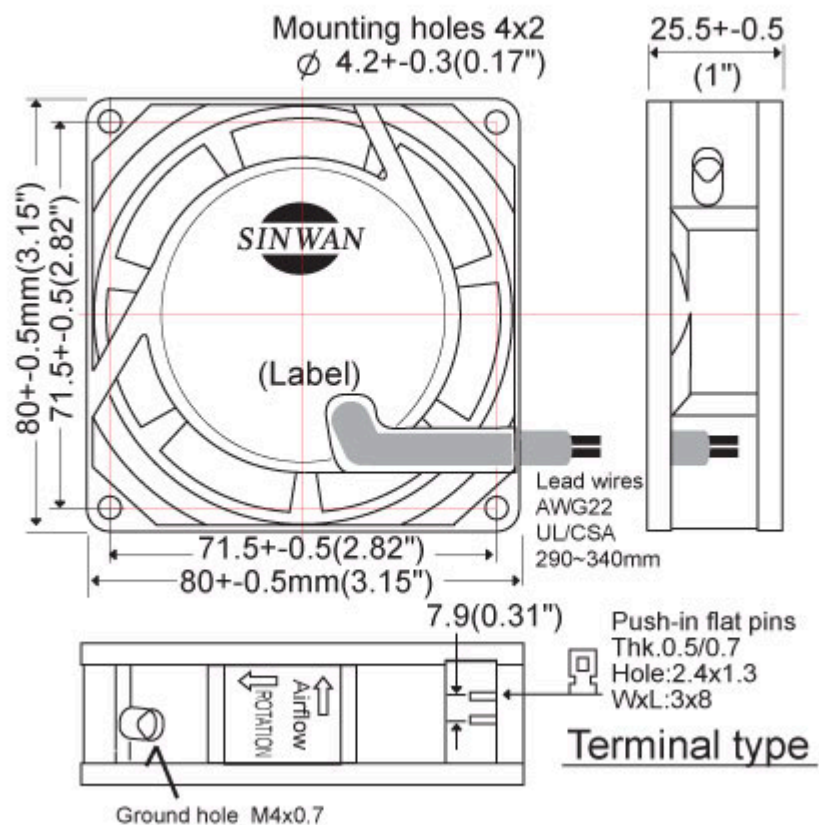
Operating Temp: ball bearing (-20C~+70C), sleeve (-10C~+40C)

Storage Temp: -40C~+100C (at 65%RH)

Life Expectancy: Ball bearing 80K hours at 45C, 50K hours at 60C

► Performance P-Q Curves





Metal Fan Guard

G80-18



Plastic Fan Guard

G80P4

G80P2A

G80P2

G80P



Plastic Filter

GRM80-45

GRM80-30



Metal Screen

MF80S-30N