



120x120x25.5mm/4.7x1inch, 75~42 CFM

TA1225 General specifications



- Motor: Shaded pole, inner rotor, single phase impedance protected design
- Motor Protection:
- Frame: Aluminum die-cast, black color cosmetics
- Impeller: Plastic, rated UL94V-0
- Bearing: Two ball bearings. (Sleeve bearing on request only)
- Rotation: CCW view from label side
- Operating Temp: Ball bearing ambient -20C~+80C, for sleeve -10~+40C
- Storage Temp:
- Life Expectancy: MTBF life test for ball bearing 80,000 hours at 45C, 45,000 hours at 60C
- Dielectric Strength: Over 1 min.at 1,500 VAC, 0.5mA, 50/60 Hz
- Insulation Resistance: Over 100 Mega Ohm at DC 500V
- IP Protection:
- Connection: Wire lead or Terminal flat pin connecting for choice
- Weight: 370 g (0.82 Lbs)

Model No.	Rated Voltage	Voltage Range	Freq.	Input Power	Rated Current	Ref. Speed	Max. Airflow	Max. Static Pressure	Noise
	VAC	VAC	Hz	Watt	Amp	RPM	CFM	Inch/H2O	dB(A)
TA1225-H-110	115	100~120	50/60	15/13	0.21/0.18	2500/2950	60/75	0.24/0.29	37
TA1225-M-110	115	100~120	50/60	12/10	0.093/0.078	2300/2400	55/62	0.21/0.23	30
TA1225-L-110	115	100~120	50/60	8/6	-	1800/1600	45/42	0.18/0.16	25
TA1225-H-220	230	200~240	50/60	15/13	0.097/0.081	2500/2950	60/75	0.24/0.29	37
TA1225-M-220	230	200~240	50/60	12/10	0.059/0.05	2300/2400	55/62	0.21/0.23	30
TA1225-L-220	230	200~240	50/60	8/6	-	1800/1600	45/42	0.18/0.16	25
TA1225-H-110/220 dual voltage	115 230	100~120 200~240	50/60	15/13	-	2450/2950	58/75	0.24/0.29	37

Related Product Information

Please see our related items below for suggested products to use with this item:

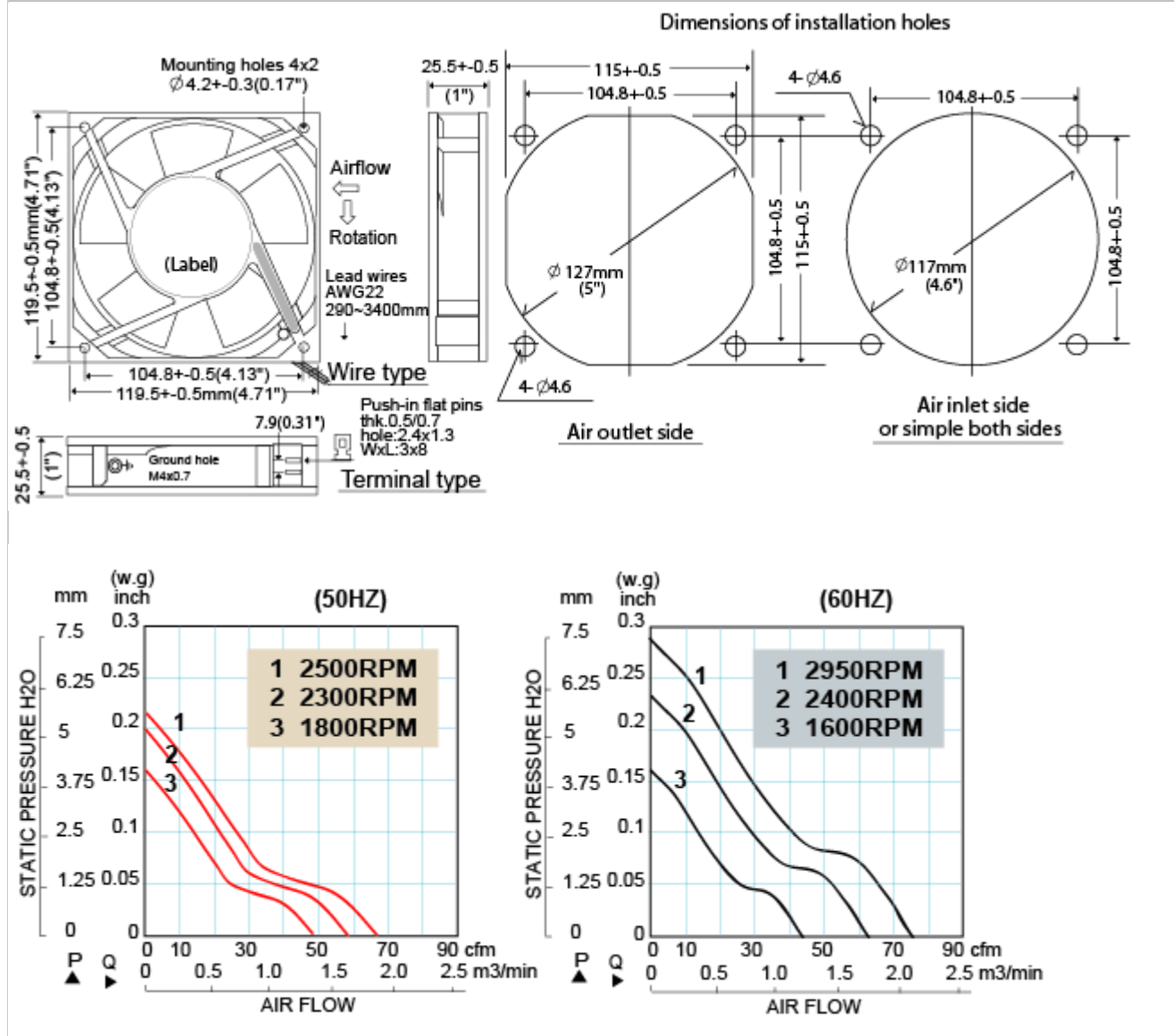
- Metal Fan Guard: TWG-120
- Plastic Fan Guard: TPG-120
- Plastic Fan Filter: TFK-120-30, TFK-120-45
- Metal Fan Screen: TMS-120

Related Technical Information

-Optional Function Leads:

- Tachometer, speed sensor pulses 5V, input 4.5~27 VDC, 1 signal each revolution, or 2 signals each revolution available on request. Function-T
- AC Alarm Fan, DC Power supply alarm output, open collector or TTL available. Function-L Alarm DC input
- Fan abnormal speed alarm, Programmable CPU AC Power alarm output, open collector or TTL available on request. Function-V Programmable CPU Alarm
- AC Fan Dual Voltage Wiring Diagram : AC Dual Voltage Fan 115/230 VAC

Fan Performance Curves and Dimensions



* TEI reserves the right to change data and specs without notice* Tests are at nominal rated voltage against zero static pressure*Specifications subject to change without notice, data tolerance +- 10%