



127x127x38.5mm/5x1.5inch, 130~55CFM

TA12738

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 85,000 hours at 45C, 40,000 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: 600 g (1.32 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)
TA12738-H-110	115	100~120	50/60	16/14	0.29/0.26	2600/2750	115/130	0.29/0.25	46
TA12738-M-110	115	100~120	50/60	12/10	-	2450/2300	105/98	0.27/0.23	37
TA12738-L-110	115	100~120	50/60	9/7	-	1600/1200	75/65	0.18/0.14	25
TA12738-XL-110	115	100~120	50/60	9/7	-	1200/1000	66/55	0.15/0.12	20
TA12738-H-220	230	200~240	50/60	16/14	0.16/0.14	2600/2750	115/130	0.29/0.25	46
TA12738-M-220	230	200~240	50/60	12/10	-	2450/2300	105/98	0.27/0.23	37
TA12738-L-220	230	200~240	50/60	9/7	-	1600/1200	75/65	0.18/0.16	25
TA12738-H-110/220 dual voltage	115 or 230	100~120 or 200~240	50/60	16/14	-	2600/2750	115/130	0.29/0.25	46

Related Product Information

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

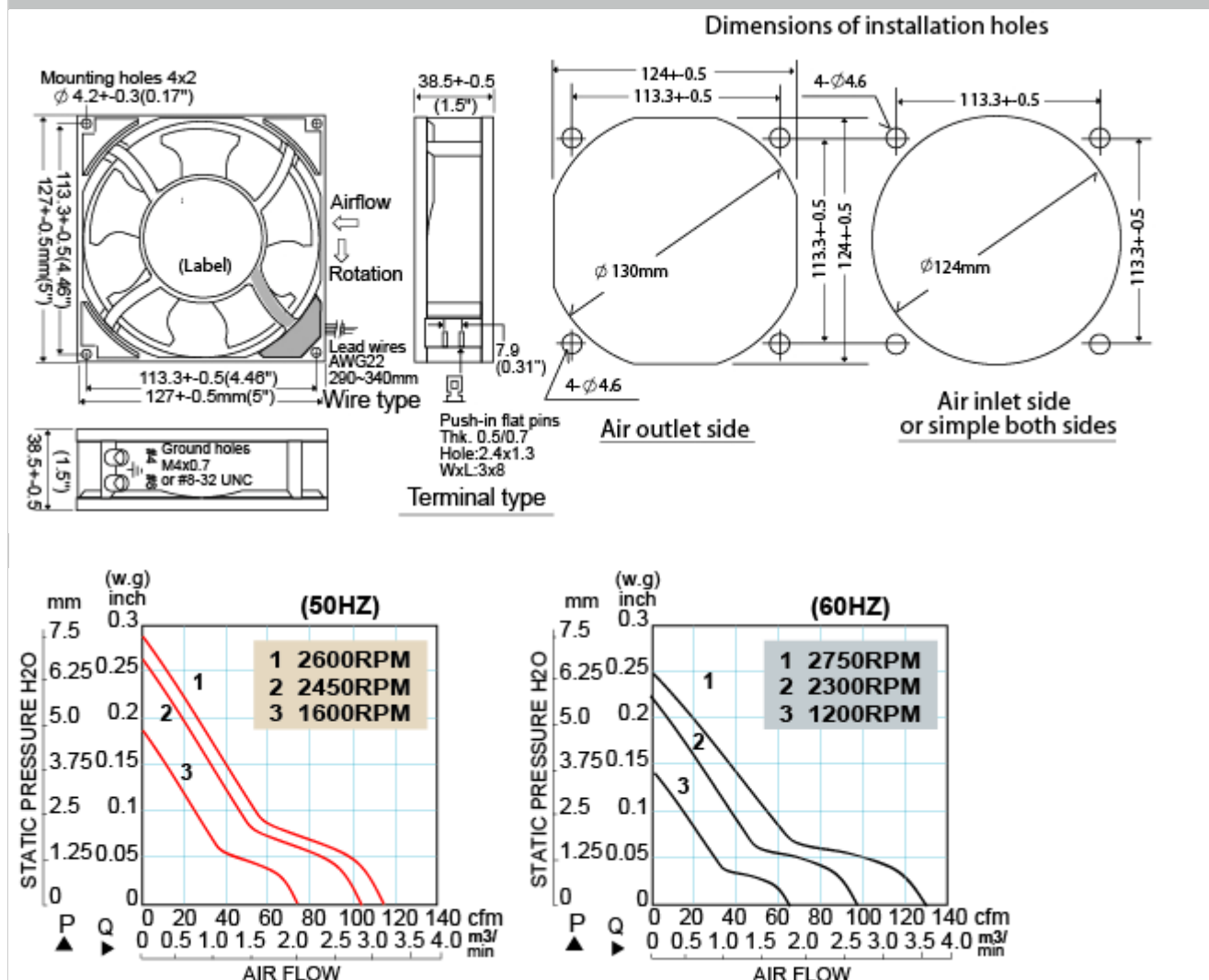
- Metal Fan Guard: TA127
- Plastic Fan Guard: TPG-127

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 115/230VAC

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%