



80x80x38mm/3x1.5inch, 31 - 17 CFM

TA8038

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~+45C
- Storage Temp:
- Life Expectancy: MTBF life test for ball bearing 80,000 hours at 45C, 50,000 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: 400 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)
TA8038-H-110	115	100~120	50/60	14/12	-	2700/3250	26/31	0.16/0.22	29
TA8038-M-110	115	100~120	50/60	11/9	0.059/0.052	2300/2550	22/24	0.13/0.17	22
TA8038-L-110	115	100~120	50/60	7/5	0.035/0.032	1800/1700	18/17	0.12/0.10	18
TA8038-H-220	230	200~240	50/60	14/12	-	2700/3250	26/31	0.16/0.22	29
TA8038-M-220	230	200~240	50/60	11/9	0.028/0.026	2300/2550	22/24	0.13/0.17	22
TA8038-L-220	230	200~240	50/60	7/5	-	1800/1700	18/17	0.12/0.10	18
TA8038-H-110/220 (dual voltage)	115 or 230	100~120 200~240	50/60	14/12	0.14/0.11 0.07/0.06	2700/3250	26/31	0.16/0.22	29

Related Product Information

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

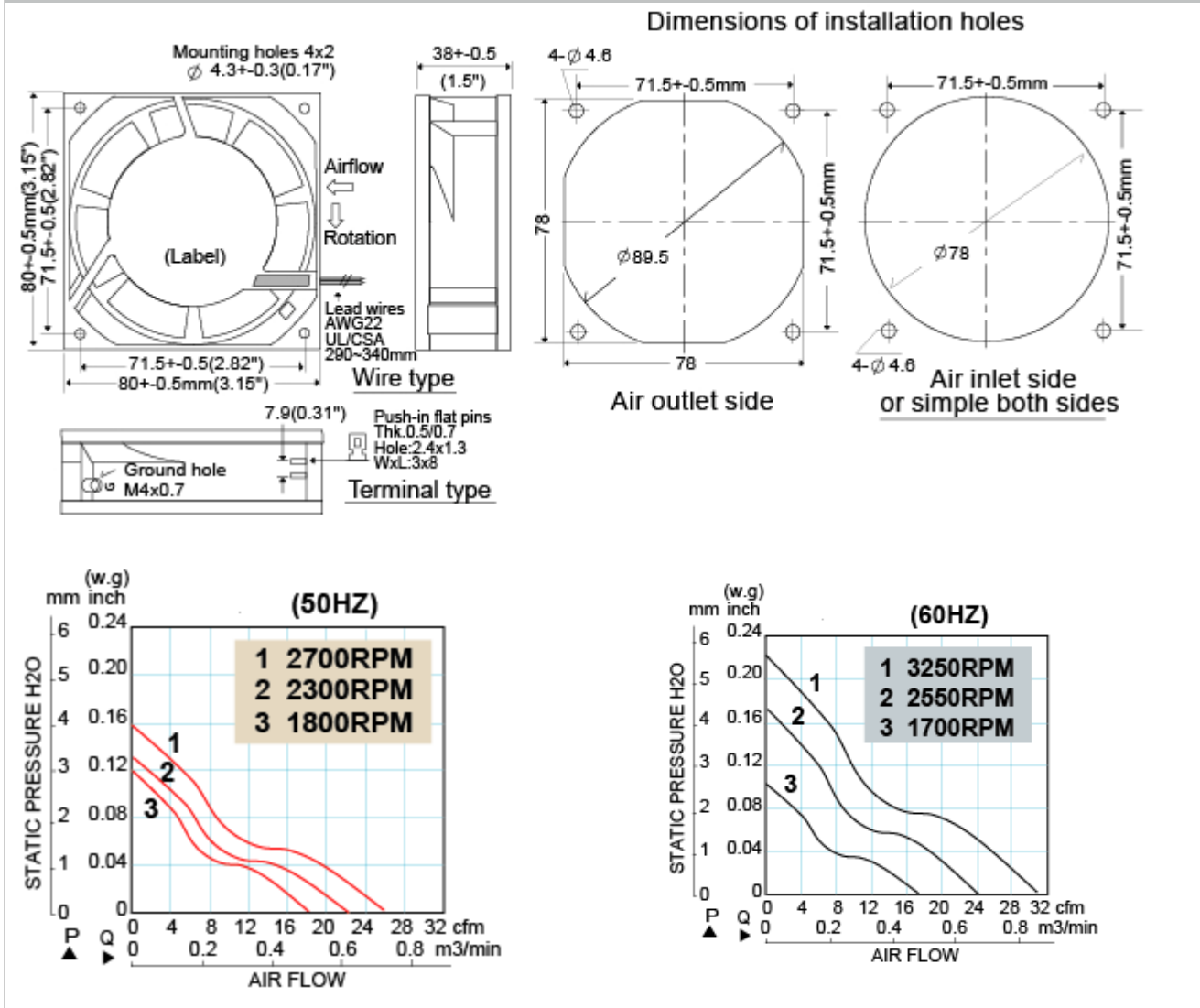
- Metal Fan Guard: TWG-80
- Plastic Fan Guard: TPG-80
- Plastic Fan Filter: TFK80-30, TFK-80-45
- Metal Fan Screen: TMS-80

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 Fan Dual Voltage 115VAC/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%