

92x92x38 mm/3.6x 1.5 inch, 80~60 CFM

TD9238 General specification



- Motor: Brushless DC, auto cutoff, auto restart, locking & polarity protection
- Motor Protection:
- Frame: Aluminum die cast, natural color treatment. Option: Black cosmetics
- Impeller: Glass fiber reinforced thermoplastic impeller, rated UL94V-0
- Bearing: Two high precision permanently lubricated ball bearings
- Rotation: CCW looking at rotor, air inlet side of housing, air outlet from struts
- Operating Temp: Ambient non-condensing allowable thermal range -15~+65C
- Storage Temp:
- Life Expectancy: Indoor free air running test MTBF 100K hours at 35C, 45K hours at 60C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire lead or Terminal flat pin connecting for choice
- Weight: 350Gm (0.77Lb)



Pending

Model	Rated Voltage VDC	Voltage Range VDC	Input Power W	Rated Current A	Ref. Speed RPM	Max Airflow CFM	M3/Min	Max Pressure Inch/H2O	mm	Noise dB
TD9238AN-H-12	12	8~13	8	0.67	4700	80	2.27	0.51	12.95	48
TD9238AN-M-12	12	8~13	6	0.5	4000	68	1.93	0.31	7.87	40
TD9238AN-L-12	12	8~14	4	0.33	3600	60	1.70	0.26	6.60	32
TD9238AN-H-24	24	15~26	8	0.33	4700	80	2.27	0.51	12.95	48
TD9238AN-M-24	24	15~27	6	0.25	4000	68	1.93	0.31	7.87	40
TD9238AN-L-24	24	15~28	4	0.16	3600	60	1.70	0.26	6.60	32
TD9238AN-H-48	48	28~53	8	0.16	4700	80	2.27	0.51	12.95	48
TD9238AN-M-48	48	28~56	6	0.13	4000	68	1.93	0.31	7.87	40
TD9238AN-L-48	48	28~56	4	0.08	3600	60	1.70	0.26	6.60	32

Related Product Information

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

Metal Fan Guard: TWG-92

Plastic Fan Guard: TPG-92

Plastic Fan Filter: TFK-92-30, TFK-92-45

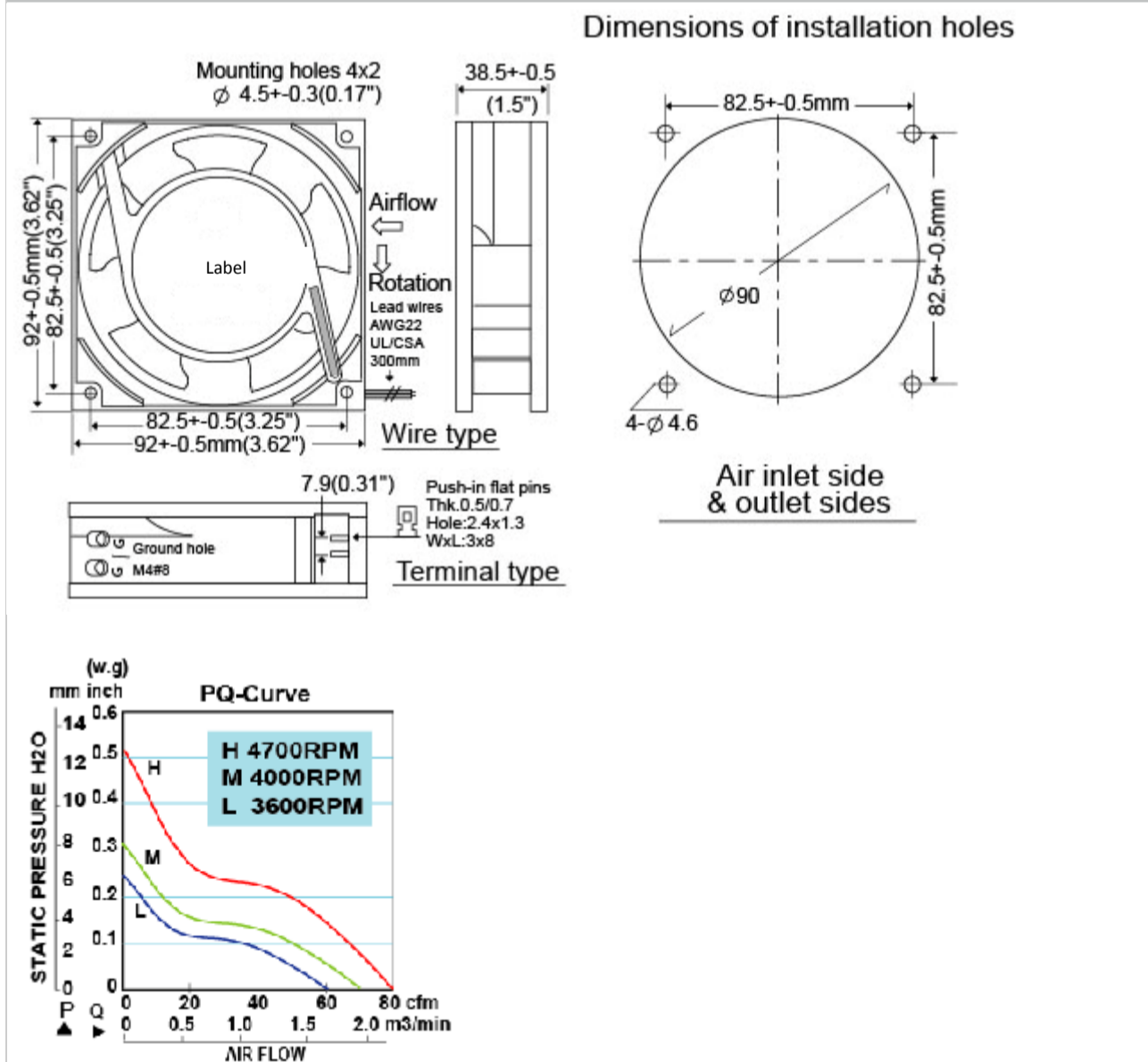
*Alarm, motor stop, cutoff sensor signals (L, run-Low, stop-High for alarm function, color yellow lead)

*Tach speed sensor output, open collector, 2 square waves per revolution, or TTL 4.4~5 VDC optional (T, white lead)

*Speed control:

- H, NTC thermistor thermal control 1800~3400RPM/4.7~10K ohm vs 45~20C(H,orange lead)
- P, Pulse Width Modulation, microprocessor programmable CPU speed control, 10~100%, full stop & 10 speed stages; 800~3800RPM (P, purple lead)
- V, Control voltage speed setting, Analog 0~10V vs speed RPM speed control via separate DC low voltage interface (V, gray lead)

Fan Performance Curves and Dimension



* 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%