



120x120x38.5 mm/4.7x1.5inch, 135~70 CFM

TD1238AP General specification



- Motor: Brushless DC, auto cutoff, auto restart, locking & polarity protection
- Motor Protection:
- Frame: Aluminum die cast, black color 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, 40K hours at 60C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire lead or Terminal flat pin connecting for choice
- Weight: 380 g (0.84 Lbs)

Model	Rated Voltage	Voltage Range	Input Power W	Rated Current A	Ref. Speed RPM	Max Airflow CFM	Max Pressure Inch/H2O	Noise dB	PQ Curves	
	VDC	VDC								
TD1238AP-HHH-5	5	4~6	9.5	1.9	3400	135	3.82	0.45	11.43	46
TD1238AP-HH-5	5	4~6	8	1.6	3100	120	3.40	0.41	10.41	43
TD1238AP-H-5	5	4~6	3.5	0.65	2800	108	3.06	0.37	9.40	41
TD1238AP-M-5	5	4~6	3.0	0.55	2500	98	2.78	0.33	8.38	35
TD1238AP-L-5	5	4~6	2.0	0.4	1800	70	1.98	0.25	6.35	26
TD1238AP-HHH-12	12	7~13.8	10.6	0.88	3400	135	3.82	0.45	11.43	46
TD1238AP-HH-12	12	7~13.8	8.4	0.7	3100	120	3.40	0.41	10.41	43
TD1238AP-H-12	12	7~13.8	6.0	0.5	2800	108	3.06	0.37	9.40	41
TD1238AP-M-12	12	7~14	4.8	0.40	2500	98	2.78	0.33	8.38	35
TD1238AP-L-12	12	7~15	2.4	0.20	1800	70	1.98	0.25	6.35	26
TD1238AP-HHH-24	24	12~28	10.3	0.43	3400	135	3.82	0.45	11.43	46
TD1238AP-HH-24	24	12~28	8.4	0.35	3100	120	3.40	0.41	10.41	43
TD1238AP-H-24	24	12~28	5.5	0.23	2800	108	3.06	0.37	9.40	41
TD1238AP-M-24	24	12~29	4.6	0.19	2500	98	2.78	0.33	8.38	41
TD1238AP-L-24	24	12~30	3.6	0.15	1800	70	1.98	0.25	6.35	26
TD1238AP-HHH-48	48	24~56	10.6	0.22	3400	135	3.82	0.45	11.43	46
TD1238AP-HH-48	48	24~56	7.7	0.16	3100	120	3.40	0.41	10.41	43
TD1238AP-H-48	48	24~56	5.0	0.1	2800	108	3.06	0.37	9.40	41
TD1238AP-M-48	48	24~58	3.8	0.08	2800	105	2.97	0.28	7.11	37
TD1238AP-L-48	48	24~60	3.4	0.07	1800	70	1.98	0.15	3.81	25

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, TFH-120-45
- Metal Fan Screen: TMS-120

Related Technical Information

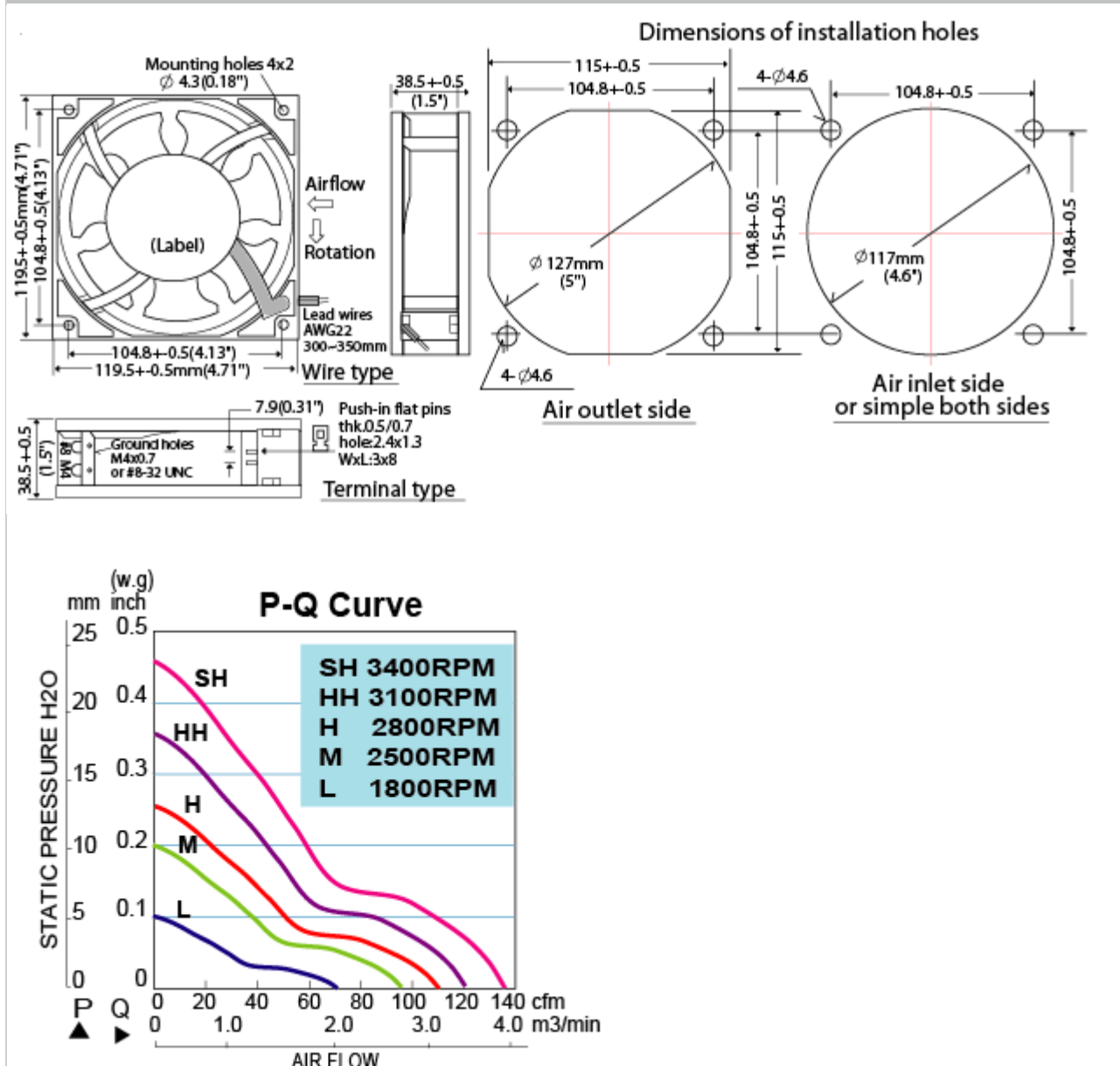
-Optional Function Leads:

- *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%