



120x120x32 mm/4.7x1.25 inch, 112~62 CFM

**TD1232AN** General specification



- Motor: Brushless DC, auto cutoff, auto restart, locking and polarity protected motor
- Motor Protection:
- Frame: Aluminum die cast, natural color treatment. Option: Black color cosmetics
- Impeller: Glass fiber reinforced PBT thermoplastic, UL94V-0 impeller
- Bearing: Double sealed high precision ball bearing
- Rotation: CCW looking at rotor, air inlet side of housing
- Operating Temp: Ball bearings -20C~+70C
- Storage Temp:
- Life Expectancy: Ball bearings 60,000 hours at 45C, 50,000 hours at 65C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire or Terminal
- Weight: 300 g ( 0.66 Lbs)

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
TD1232AN-HHH-5	5	4~6	9.5	1.9	3850	108	3.06	0.43	10.92	46
TD1232AN-HH-5	5	4~6	8	1.6	3400	97	2.75	0.35	8.89	43
TD1232AN-H-5	5	4~6	5	0.98	2900	83	2.35	0.23	5.84	40
TD1232AN-M-5	5	4~6	3.3	0.65	2500	70	1.98	0.22	5.59	35
TD1232AN-L-5	5	4~6	2.5	0.5	2000	65	1.84	0.14	3.56	28
TD1232AN-HHH-12	12	7~13.2	10.1	0.84	4000	112	3.17	0.45	11.43	48
TD1232AN-HH-12	12	7~13.8	8.4	0.7	3500	100	2.83	0.38	9.65	45
TD1232AN-H-12	12	7~13.8	6.0	0.50	3100	88	2.49	0.26	6.60	42
TD1232AN-M12	12	7~13.8	5.0	0.40	2500	70	1.98	0.22	5.59	33
TD1232AN-L-12	12	7~14	3.0	0.25	2000	62	1.76	0.14	3.56	28
TD1232AN-HHH-24	24	12~26	10.1	0.42	4000	112	3.17	0.45	11.43	48
TD1232AN-HH-24	24	12~26	8.4	0.35	3500	100	2.83	0.38	9.65	45
TD1232AN-H-24	24	12~26	7.2	0.30	3100	88	2.49	0.26	6.60	42
TD1232AN-M-24	24	12~26	4.8	0.20	2500	78	2.21	0.22	5.59	33
TD1232AN-L-24	24	12~27	3.6	0.15	2000	62	1.76	0.14	3.56	28
TD1232AN-HHH-48	48	27~53	10.1	0.21	4000	112	3.17	0.45	11.43	48
TD1232AN-HH-48	48	27~55	8.6	0.18	3500	100	2.83	0.38	9.65	45
TD1232AN-48H**	48	27~55	6.0	0.09	3100	88	2.49	0.26	6.60	42
TD1232AN-M-48	48	27~55	4.0	0.08	2500	78	2.21	0.22	5.59	33
TD1232AN-L-48	48	27~55	3.4	0.07	2000	62	1.76	0.14	3.56	28

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

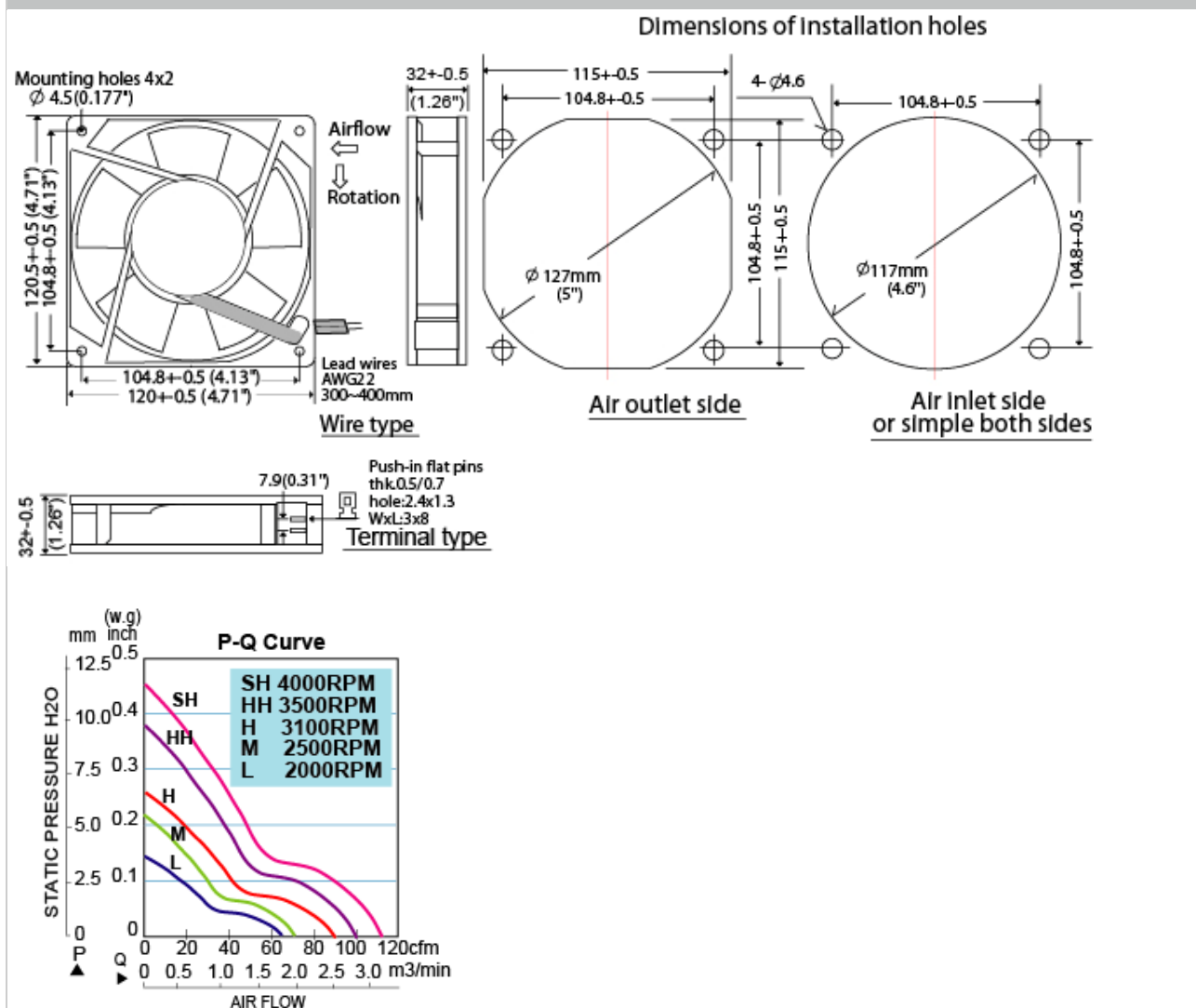
-Optional Function Leads:

- \*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%