



172x150x51mm/6x2inch(Metal 7 Blades), 325~150 CFM

TD1751SAPM General specification



- Motor: Microprocessor brushless DC Motor, auto cutoff & restart
- Motor Protection: Electronically protected, polarity protected
- Frame: Aluminum die-cast, black color
- Impeller: Metal 7 blades
- Bearing: Two ball bearings
- Rotation: CCW view from label side
- Operating Temp: -20C~+65C (non-condensing)
- Storage Temp: -40C~+80C (at 65%RH)
- Life Expectancy: 50,000 hours at 50C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro Amp.
- Connection: Wire leads or terminal type
- Weight: 920 g (2.02 Lbs)
- UL File# E195890

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
TD1751SAPM-SH-12	12	8~14	64.8	5.4	4300	320	9.06	1.1	27.94	64
TD1751SAPM-HH-12	12	8~14	50.4	4.2	4100	300	8.49	1.05	26.67	61
TD1751SAPM-H-12	12	8~14	23	1.9	3700	275	7.79	0.95	24.13	55
TD1751SAPM-M-12	12	9~14	13.2	1.1	2800	210	5.95	0.82	20.83	46
TD1751SAPM-L-12	12	9~15	5.5	0.45	2000	150	4.25	0.58	14.73	37
TD1751SAPM-SH-24	24	15~27.6	63.6	2.65	4350	325	9.20	1.25	31.75	65
TD1751SAPM-HH-24	24	15~27.6	50.4	2.1	4200	310	8.78	1.2	30.48	63
TD1751SAPM-H-24	24	15~27.6	24	0.97	3850	295	8.35	1.1	27.94	58
TD1751SAPM-M-24	24	17~28	13	0.52	2800	210	5.95	0.82	20.83	45
TD1751SAPM-L-24	24	17~28	5	0.20	2000	150	4.25	0.58	14.73	37
TD1751SAPM-SH-48	48	22~55	62.4	1.3	4350	325	9.20	1.25	31.75	65
TD1751SAPM-HH-48	48	22~55	49.4	1.03	4200	310	8.78	1.2	30.48	63
TD1751SAPM-H-48	48	22~55	23.5	0.48	3850	295	8.35	1.1	27.94	58
TD1751SAPM-M-48	48	24~58	14.5	0.30	2800	210	5.95	0.82	20.83	45
TD1751SAPM-L-48	48	24~60	5.8	0.12	2000	150	4.25	0.58	14.73	37

Related Product Information

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

- Metal Fan Guard: TWG-172
- Plastic Fan Guard: TPG-172
- Plastic Fan Filter: TFK-172-30, TFK-172-45
- Metal Fan Screen: TMS-172

Related Technical Information

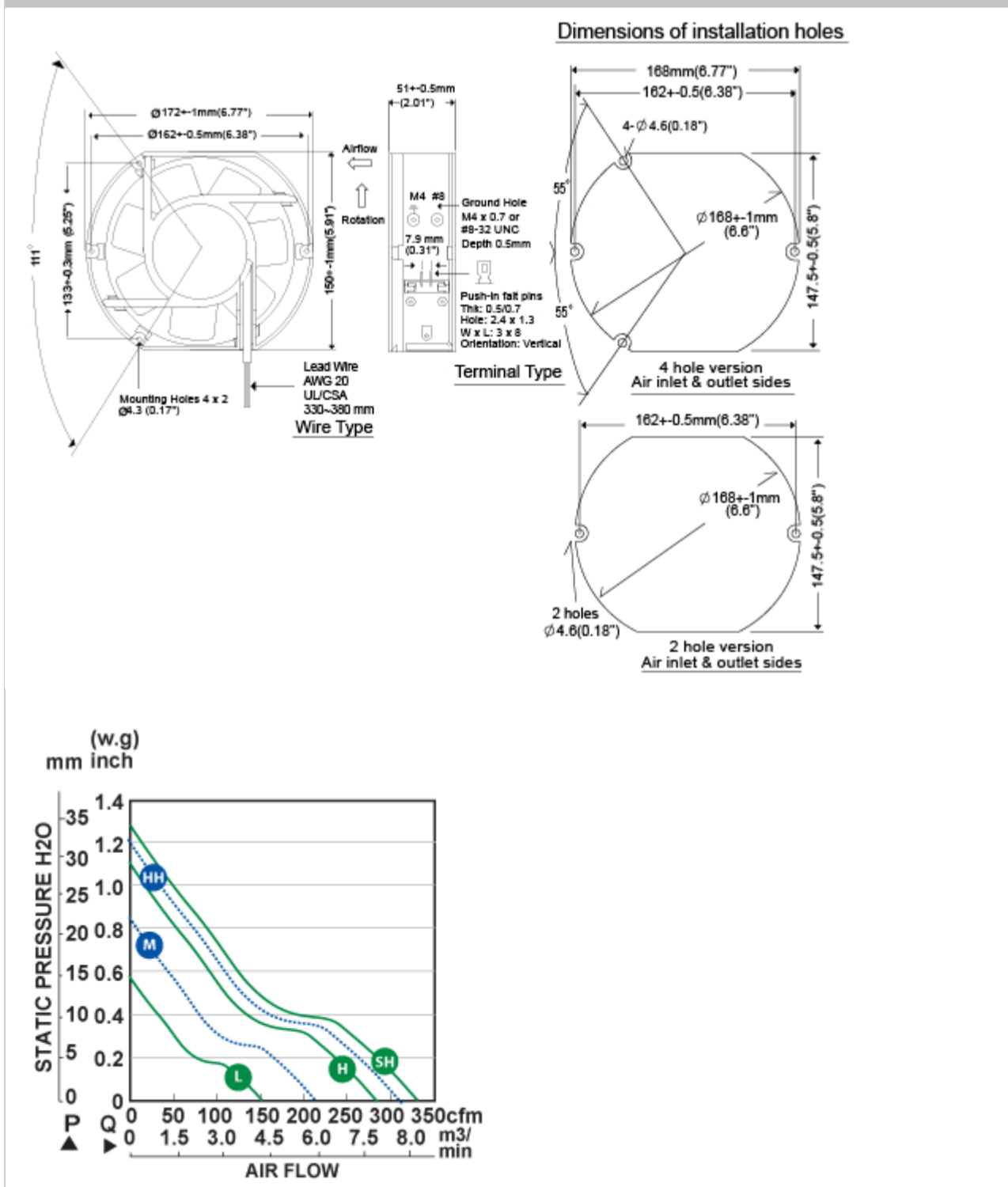
-Optional Function Leads:

- *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:

- NTC thermistor thermal control 1800~3400RPM/4.7~10K ohm vs 45~20C(H, orange lead)
- PWM, Pulse Width Modulation, microprocessor programmable CPU speed control, 10~100%, full stop & 10 speed stages; 800~3800RPM (P, purple lead)
- 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%