



Dia.172x51mm/6.77x2inch(Metal 7 Blades), 325 ~ 145 CFM

TD1751RAPM 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: 930 g (2.05 Lbs)
- UL File# E195890

Model	Rated Voltage	Voltage Range	Input Power	Rated Current	Ref. Speed	Max Airflow	Max Pressure	Noise	
	VDC	VDC	W	A	RPM	CFM	Inch/H2O	mm	dB
TD1751RAPM-SH-12	12	8~14	64.8	5.4	4300	320	1.15	29.21	64
TD1751RAPM-HH-12	12	8~14	50.4	4.2	4100	300	1.05	26.67	62
TD1751RAPM-H-12	12	8~14	23	1.9	3700	270	0.95	24.13	58
TD1751RAPM-M-12	12	9~14	13.2	1.1	2800	200	0.80	20.32	45
TD1751RAPM-L-12	12	9~15	5.5	0.45	2000	145	0.56	14.22	36
TD1751RAPM-SH-24	24	15~27.6	63.6	2.65	4350	325	1.25	31.75	65
TD1751RAPM-HH-24	24	15~27.6	50.4	2.1	4200	310	1.15	29.21	63
TD1751RAPM-H-24	24	15~27.6	24	0.97	3800	285	1.05	26.67	58
TD1751RAPM-M-24	24	17~28	13	0.52	2800	200	0.80	20.32	45
TD1751RAPM-L-24	24	17~28	5	0.20	2000	145	0.56	14.22	36
TD1751RAPM-SH-48	48	22~55	62.4	1.3	4350	325	1.25	31.75	65
TD1751RAPM-HH-48	48	22~55	49.4	1.03	4200	310	1.15	29.21	63
TD1751RAPM-H-48	48	22~55	23.5	0.48	3800	290	1.05	26.67	58
TD1751RAPM-M-48	48	24~58	14.5	0.30	2800	200	0.80	20.32	45
TD1751RAPM-L-48	48	24~60	5.8	0.12	2000	145	0.56	14.22	36

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

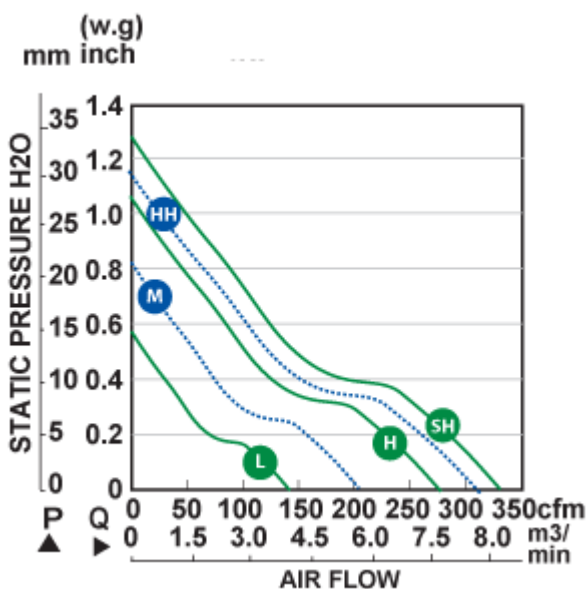
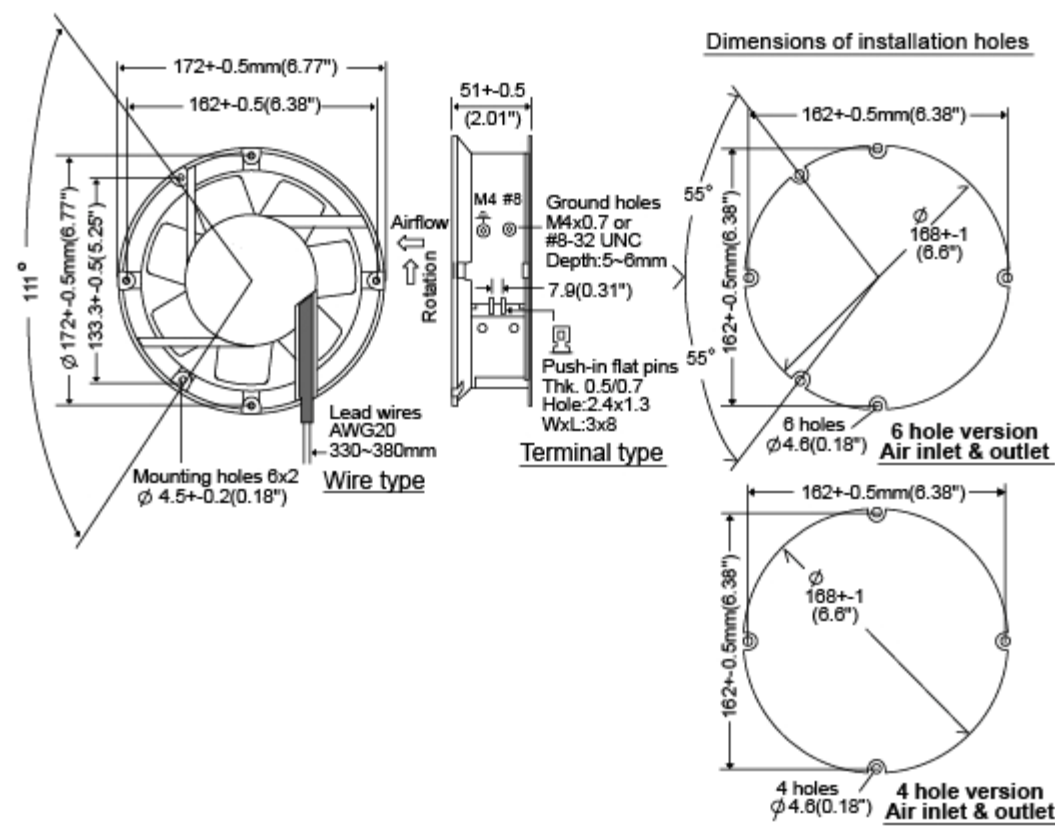
-Optional Function Leads:

- \*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)
- 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%