



172x150x55mm/5x2.17inch(Metal 7 Blades), 335~155 CFM

TD1755M 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	Voltage Range	Input Power	Rated Current	Ref. Speed	Max Airflow	Max Pressure		Noise	
	VDC	VDC	W	A	RPM	CFM	M3/Min	Inch/H2O		mm
TD1755M-SH-12	12	8~14	64.8	5.4	4100	310	8.78	1.05	26.67	63
TD1755M-HH-12	12	8~14	50.4	4.2	3900	295	8.35	0.97	24.64	59
TD1755M-H-12	12	8~14	23	1.9	3700	275	7.79	0.93	23.62	55
TD1755M-M-12	12	9~14	13.2	1.1	2800	210	5.95	0.70	17.78	46
TD1755M-L-12	12	9~15	5.5	0.45	2000	155	4.39	0.49	12.45	37
TD1755M-SH-24	24	15~28	63.6	2.65	4400	335	9.49	1.15	29.21	65
TD1755M-HH-24	24	15~28	50.4	2.1	4200	318	9.00	1.08	27.43	63
TD1755M-H-24	24	15~28	24	0.97	3900	295	8.35	0.97	24.64	60
TD1755M-M-24	24	17~28	13	0.52	2800	210	5.95	0.70	17.78	46
TD1755M-L-24	24	17~28	5	0.20	2000	155	4.39	0.49	12.45	37
TD1755M-SH-48	48	22~53	62.4	1.3	4400	335	9.49	1.15	29.21	65
TD1755M-HH-48	48	22~53	49.4	1.03	4200	318	9.00	1.08	27.43	63
TD1755M-H-48	48	22~55	23.5	0.48	3900	295	8.35	0.93	23.62	60
TD1755M-M-48	48	24~58	14.5	0.30	2800	210	5.95	0.70	17.78	46
TD1755M-L-48	48	24~60	5.8	0.12	2000	155	4.39	0.49	12.45	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:

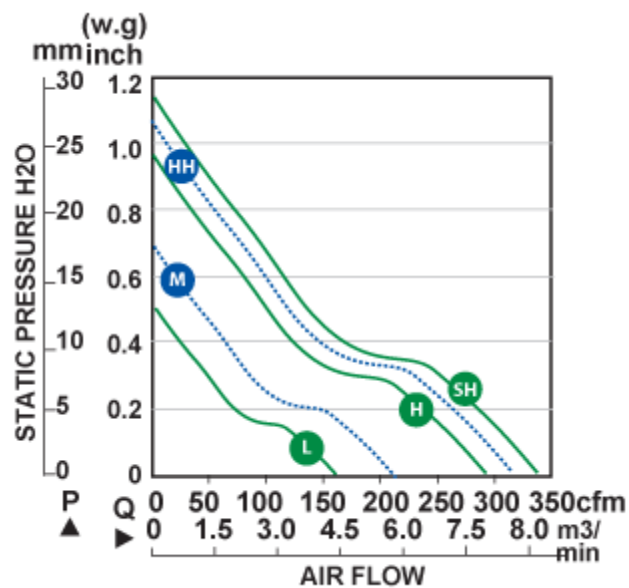
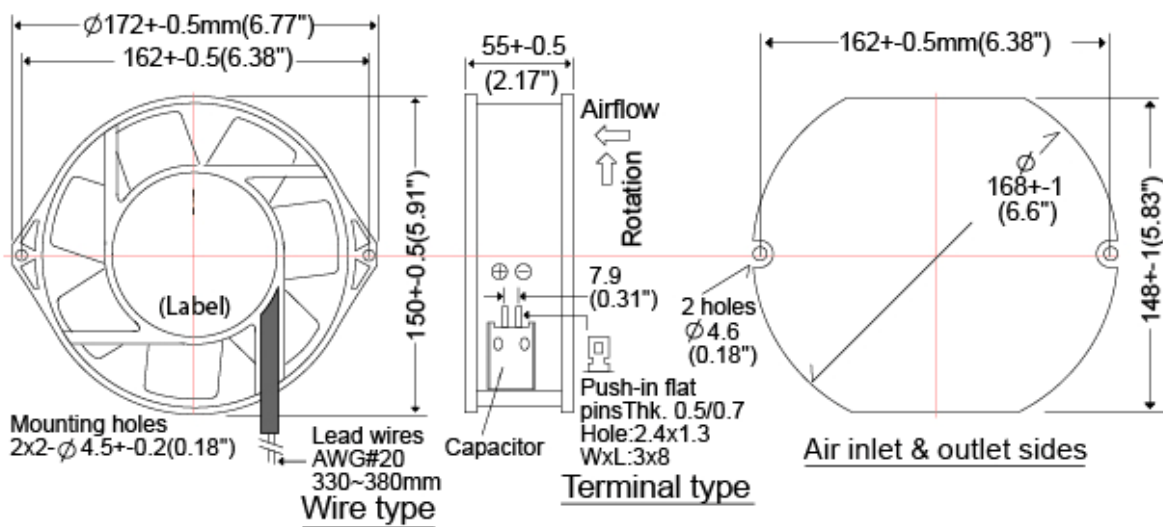
- *Alarm, motor stop, cutoff sensor signals (R/D, run-Low, stop-High for alarm function, color yellow lead)
- *Tach speed sensor output, open collector, 2 square waves per revolution, or TTL 4.4~5 VDC optional (T, white lead)

*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)
- 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

Dimensions of installation holes



* 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%