



**Dia.254x88.9mm/10x3.5inch(Metal 3 Blades), 820~330 CFM**

**TD25489M General specification**



- Motor: Microprocessor brushless DC Motor, auto cutoff & restart
- Motor Protection: Electronically protected, polarity protected
- Frame: Aluminum die-cast, black color
- Impeller: Metal 3 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: -
- 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		
TD25489M-SH-12	12	9~13	64.8	5.4	2900	800	22.65	0.57	14.48	66
TD25489M-HH-12	12	9~13	50.4	4.2	2500	685	19.40	0.48	12.19	62
TD25489M-H-12	12	9~13	23	1.9	2000	550	15.57	0.38	9.65	55
TD25489M-M-12	12	9~14	13.2	1.1	1600	450	12.74	0.33	8.38	45
TD25489M-L-12	12	10~16	5.5	0.45	1100	330	9.34	0.25	6.35	36
TD25489M-SH-24	24	16~27	63.6	2.65	3000	820	23.22	0.59	14.99	66
TD25489M-HH-24	24	16~27	50.4	2.1	2500	685	19.40	0.48	12.19	62
TD25489M-H-24	24	16~27	24	0.97	2000	550	15.57	0.38	9.65	55
TD25489M-M-24	24	16~27.6	13	0.52	1600	450	12.74	0.33	8.38	45
TD25489M-L-24	24	18~30	5	0.2	1100	330	9.34	0.25	6.35	36
TD25489M-SH-48	48	24~53	62.4	1.3	3000	820	23.22	0.59	14.99	66
TD25489M-HH-48	48	24~53	49.4	1.03	2500	685	19.40	0.48	12.19	62
TD25489M-H-48	48	24~53	23.5	0.48	2000	550	15.57	0.48	12.19	62
TD25489M-M-48	48	28~58	14.5	0.3	1600	450	12.74	0.33	8.38	45
TD25489M-L-48	48	28~63	5.8	0.12	1100	330	9.34	0.25	6.35	36

**Related Product Information**

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

- Metal Fan Guard: TWG-254

**Related Technical Information**

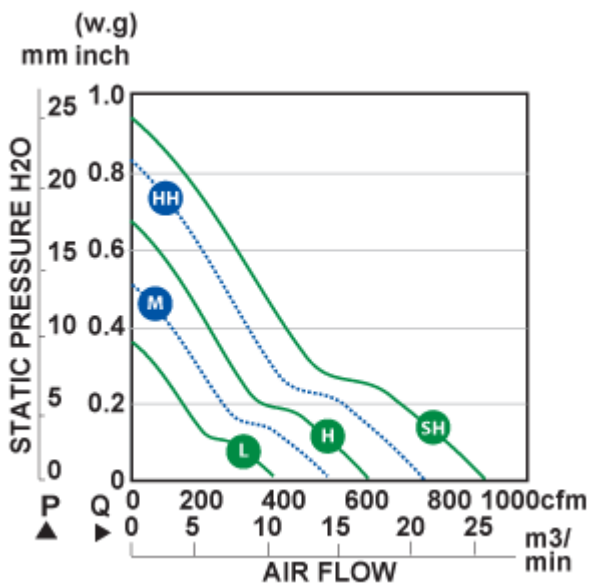
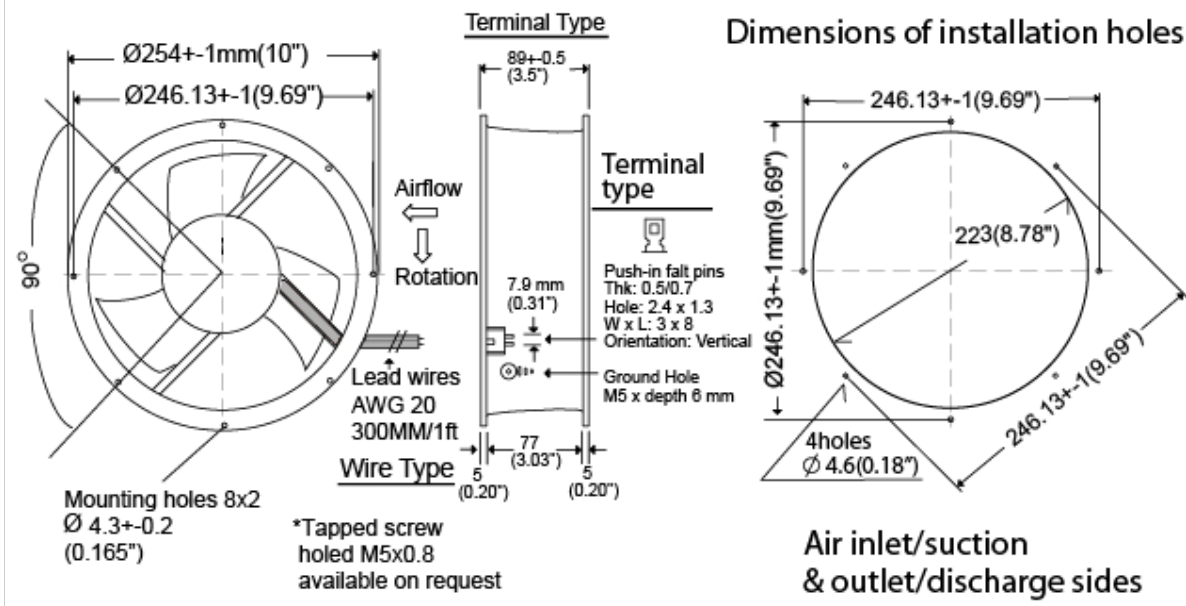
-Optional Function Leads:

- \*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%