

Dia.200x70mm/7.9x2.8inch(Metal 5 Blades), 510~300 CFM

TD20070M General specification



- Motor: Microprocessor brushless DC Motor, auto cutoff & restart
- Motor Protection: Electronically protected, polarity protected
- Frame: Aluminum die cast, black color
- Impeller: Metal 5 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: 1,800g (3.97Lb)
- 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		
TD20070M-SH-12	12	9~13.6	64.8	5.4	3300	440	12.46	1.05	26.67	65
TD20070M-HH-12	12	9~13.6	50.4	4.2	3100	420	11.89	0.98	24.89	62
TD20070M-H-12	12	9~13.6	23	1.9	2800	395	11.19	0.88	22.35	59
TD20070M-M-12	12	9~13.6	13.2	1.1	2500	430	12.18	0.95	24.13	55
TD20070M-L-12	12	9~14	5.5	0.45	1900	330	9.34	0.65	16.51	43
TD20070M-SH-24	24	16~27.6	63.6	2.65	3900	510	14.44	1.25	31.75	68
TD20070M-HH-24	24	16~27.6	50.4	2.1	3600	475	13.45	1.15	29.21	66
TD20070M-H-24	24	16~27.6	24	0.97	3300	440	12.46	1.05	26.67	64
TD20070M-M-24	24	16~28	13	0.52	2500	430	12.18	0.95	24.13	55
TD20070M-L-24	24	16~28	5	0.2	1900	330	9.34	0.65	16.51	42
TD20070M-SH-48	48	30~53	62.4	1.3	3900	510	14.44	1.25	31.75	68
TD20070M-HH-48	48	30~53	49.4	1.03	3600	475	13.45	1.15	29.21	66
TD20070M-H-48	48	30~53	23.5	0.48	3300	440	12.46	1.05	26.67	64
TD20070M-M-48	48	30~56	14.5	0.30	2500	430	12.18	0.95	24.13	58
TD20070M-L-48	48	30~58	5.8	0.12	1900	330	9.34	0.65	16.51	45

Related Product Information

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

- Metal Fan Guard: TWG-200

Related Technical Information

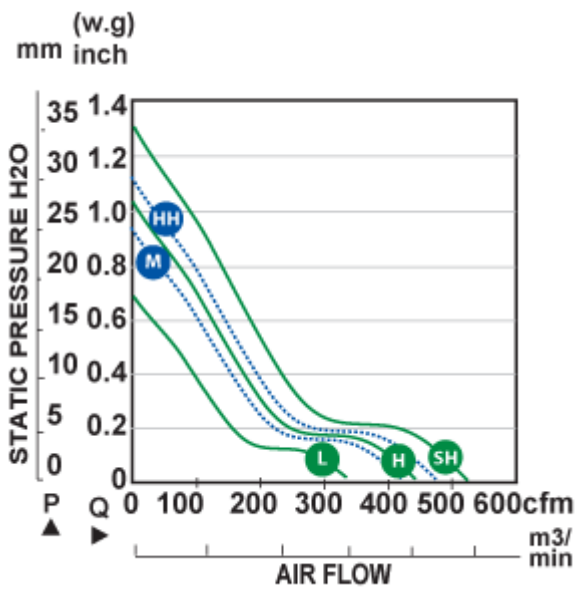
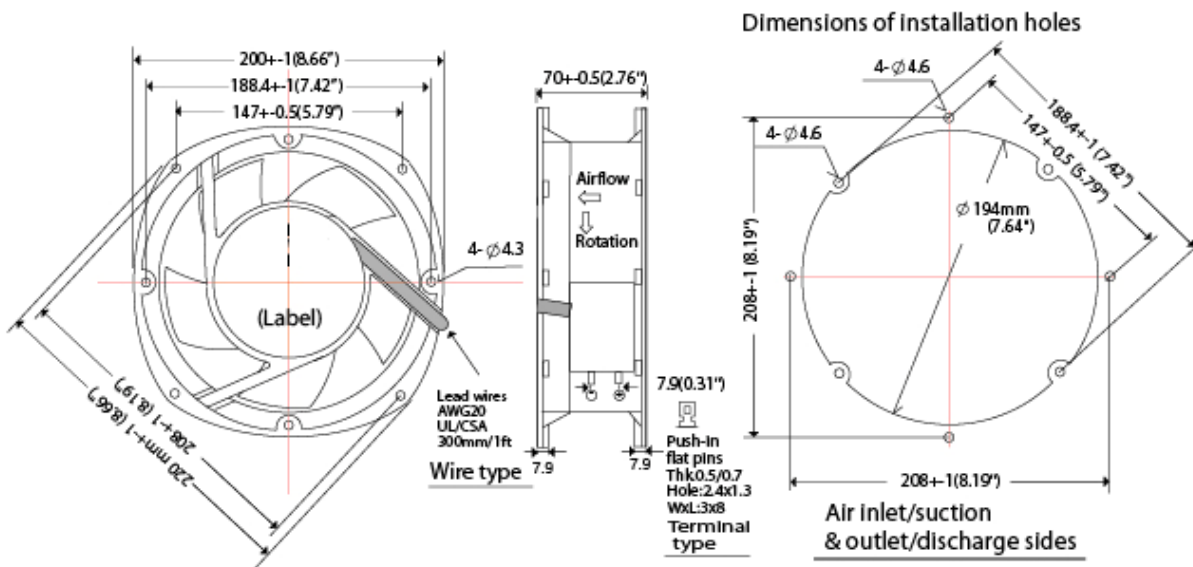
-Optional Function Leads:

- *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%