

Phelan Electromec™

ELECTROMECC/TECO-WESTINGHOUSE COOLING TOWER MOTORS

DESIGN FEATURES

- Voltage: 575 or 460V, 1.15 SF Sine Wave Power; 1.0 SF VFD Power
- NEMA Design B or C
- NEMA Premium Efficiency
- Class F Insulation System with Class B rise
- HPE™ - High Pulse Endurance spike resistant wire for inverter applications
- Inverter duty speed range 10:1 CT, 20:1 VT
- **Custom INPRO-Seal Bearing Isolator for either vertical or horizontal mounting. (Must be specified)** Labyrinth system wicks moisture away from bearing while keeping bearing grease inside housing
- Regreasable open C3 bearings
- Drain holes provided in "lowest" location c/w Stainless Steel breather drains
- 2 Dips Phenolic Alkyd Resin Varnish on windings, red varnish spray both ends
- Paint System - Zinc chromate primer, Phenolic Rust proof base, Lacquer top coat. Internal surfaces coated with moisture resistant varnish
- IP55 Degree of protection
- 90° rotatable oversized and gasketed conduit box
- Stainless steel nameplate and hardware
- Totally Enclosed, Fan Cooled (Totally Enclosed, Air Over available)
- Space Heaters, Thermistors, Vibration Data available
- Standard C & D flange available
- CSA Certified, EEV and UL Listed
- Meets or exceeds MG1 Part 31.4.4.2: IEEE 45 Marine Duty
- Other speeds or two-speed, variable torque ratings are also available



The **COOLING TOWER SOLUTION!**



HP	RPM	FRAME	CAT. NO.*	FL AMPS 575	FL AMPS 230/460	FL EFF.	WGT (LBS)	"C" DIM.	LIST
1	1800	143T	APH0014_841CTM	1.20	3.0/1.5	85.5	46	12.34	\$1,121
1.5	1800	145T	APH1/54_841CTM	1.66	4.16/2.08	86.5	62	13.32	\$1,191
2	1800	145T	APH0024_841CTM	2.22	5.56/2.78	86.5	62	13.32	\$1,231
3	1800	182T	APH0034_841CTM	2.99	7.48/3.74	89.5	84	14.71	\$1,495
5	1800	184T	APH0054_841CTM	4.90	12.2/6.12	89.5	101	15.73	\$1,589
7.5	1800	213T	APH7/54_841CTM	7.08	17.7/8.85	91.7	167	17.98	\$1,950
10	1800	215T	APH0104_841CTM	9.28	23.2/11.6	91.7	194	19.47	\$2,088
15	1800	254T	APH0154_841CTM	13.8	34.6/17.3	92.4	297	23.7	\$2,672
20	1800	256T	APH0204_841CTM	18.4	46.0/23.0	93.0	337	25.44	\$3,177
25	1800	284T	APH0254_841CTM	23.3	58.2/29.1	93.6	418	26.8	\$3,630
30	1800	286T	APH0304_841CTM	27.4	68.6/34.3	93.6	475	28.3	\$3,921
40	1800	324T	APH0404_841CTM	37.0	92.6/46.3	94.1	638	29.93	\$4,857
50	1800	326T	APH0504_841CTM	45.5	113/56.9	94.5	675	31.42	\$5,576
60	1800	364T	APH0604_841CTM	54.7	137/68.4	95.0	834	32.57	\$7,782
75	1800	365T	APH0754_841CTM	68.1	170/85.1	95.4	913	33.55	\$8,804
100	1800	404T	APH1004_841CTM	89.6	224/112	95.4	1298	37.80	\$11,564

NOTES:

- 1.) *Replace " " with "BLANK" for 460V. Replace " " with "5" for 575V.
- 2.) For TEAO ratings, please contact Phelan-ElectroMec for pricing and delivery
- 3.) Two Speed ratings are available. Contact Phelan ElectroMec for pricing and delivery
- 4.) Special features such as Space Heaters, Thermistors and Vibration and Test data are available. Please contact Phelan-ElectroMec.

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NOTE: Pricing and specifications subject to change without notice.