

Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC) Energy Efficient, Multi-Speed, 1 Winding



HVAC

COOLING
TOWER DUTY

AIR OVER (TEAO)

REFRIGERATION

INDUSTRIAL AIR
CIRCULATORS

COMMERCIAL AND
INDUSTRIAL PUMPS

CLOSE COUPLED
PUMPS

POOL AND SPA
PUMPS

JET PUMPS

FIRE PUMPS

WASHDOWN

AGRICULTURE

APPLICATIONS:

Designed for use outside the airstream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE® Motors
- Class F Insulation, 40°C Ambient
- Cast Iron Frame (140: Rolled Steel), Cast Iron End Brackets
- Corrosion Resistant Mill & Chemical Duty Paint
- Stainless Steel Nameplate & Zinc Plated Hardware
- Forsheda V-Ring On Pulley End For IP54 Protection
- Double Dip & Bake 100% Solids Insulation On Windings
- 1.15 Service Factor
- Double Sealed Bearings, Condensation Drains w/Plastic Plugs, Gasketed C/B
- Designed For Horizontal or Vertical (Shaft Up) Mounting (Horizontal Lifting Lugs 180 Frame & Up; Vertical Lifting Lugs Available As Conversion)
- External Umbrella-Type Seal For W8 (Shaft Up) Mounting
- Sealed Bracket-to-Frame Registers & Leads (Lead-Positioning Gasket w/Sealant 140-250 Frame; Potted Leads 280 Frame & Up)
- F2 Assembly Position Standard (F1 Available As Conversion)
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

HP (HP-Low)	RPM/RPM-Low (# Wdgs)	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2 (1/2)	1800/900 (1)	200	145T	HW2EL9H2	\$820	DS-3HT	1.15	13.1	70	82.5	6.5	-
3 (3/4)	1800/900 (1)	200	182T	HW3EL9H2	\$1,234	DS-3HT	1.15	14.5	100	84	9.7	-
	1800/900 (1)	460	182T	HW3EL9C2	\$1,143	DS-3HT	1.15	14.5	100	82.5	4.4	-
5 (1-1/4)	1800/900 (1)	200	184T	HW5EL9H2	\$1,287	DS-3HT	1.15	15.5	110	84	15.4	-
	1800/900 (1)	460	184T	HW5EL9C2	\$1,192	DS-3HT	1.15	15.5	110	82.5	6.8	-
	1800/900 (1)	575	184T	HW5EL9G2	\$1,371	DS-3HT	1.15	15.5	110	84	5.3	-
	1200/600 (1)	460	254T	HW5EL36C2	\$1,880	DS-3HT	1.15	23.8	300	87.5	6.7	-
7-1/2 (1-3/4)	1800/900 (1)	200	213T	HW7EL9H2	\$1,773	DS-3HT	1.15	17.6	160	85.5	22.8	-
	1800/900 (1)	460	213T	HW7EL9C2	\$1,642	DS-3HT	1.15	17.6	160	85.5	9.8	-
	1800/900 (1)	575	213T	HW7EL9G2	\$1,888	DS-3HT	1.15	17.6	160	85.5	7.9	-
	1200/600 (1)	460	256T	HW7EL36C2	\$2,589	DS-3HT	1.15	25.5	340	86.5	10.4	-
10 (2-1/2)	1800/900 (1)	200	215T	HW10EL9H2	\$2,099	DS-3HT	1.15	19.1	175	88.5	31	-
	1800/900 (1)	460	215T	HW10EL9C2	\$1,944	DS-3HT	1.15	19.1	175	88.5	12.7	-
	1800/900 (1)	575	215T	HW10EL9G2	\$2,235	DS-3HT	1.15	19.1	175	88.5	10.1	-
	1200/600 (1)	460	284T	HW10EL36C2	\$3,065	DS-3HT	1.15	25.5	380	87.5	13.1	-
15 (3-3/4)	1800/900 (1)	200	254T	HW15EL9H2	\$3,013	DS-3HT	1.15	23.8	300	90.2	43	-
	1800/900 (1)	460	254T	HW15EL9C2	\$2,790	DS-3HT	1.15	23.8	300	90.2	19.2	-
	1800/900 (1)	575	254T	HW15EL9G2	\$3,208	DS-3HT	1.15	23.8	300	90.2	15.4	-
	1200/600 (1)	460	286T	HVW15EL36C	\$4,531	DS-3HT	1.15	27.0	410	87.5	19.7	-
	1200/600 (1)	460	286T	HW15EL36C2	\$4,399	DS-3HT	1.15	27.0	410	87.5	19.5	-
20 (5)	1800/900 (1)	200	256T	HW20EL9H2	\$3,447	DS-3HT	1.15	25.5	360	90.2	60	-
	1800/900 (1)	460	256T	HW20EL9C2	\$3,192	DS-3HT	1.15	25.5	360	90.2	26.1	-
	1800/900 (1)	575	256T	HW20EL9G2	\$3,670	DS-3HT	1.15	25.5	360	90.2	20.9	-
	1200/600 (1)	460	324T	HW20EL36C2	\$5,033	DS-3HT	1.15	30.6	600	89.5	24.7	-
25 (6-1/4)	1800/900 (1)	200	286T	HW25EL9H2	\$4,680	DS-3HT	1.15	27.0	440	90.2	69	-
	1800/900 (1)	460	286T	HW25EL9C2	\$4,333	DS-3HT	1.15	27.0	440	91	31	-
	1800/900 (1)	575	286T	HW25EL9G2	\$4,983	DS-3HT	1.15	27.0	440	91	24.5	-
	1200/600 (1)	460	326T	HW25EL36C2	\$6,833	DS-3HT	1.15	30.6	675	89.5	31	-
30 (7-1/2)	1800/900 (1)	200	324T	HW30EL9H2	\$4,941	DS-3HT	1.15	30.6	600	89.5	83	-
	1800/900 (1)	460	324T	HW30EL9C2	\$4,575	DS-3HT	1.15	30.6	600	91.7	35	-
	1800/900 (1)	575	324T	HW30EL9G2	\$5,261	DS-3HT	1.15	30.6	600	91.7	28.3	-
	1200/600 (1)	460	364T	HW30EL36C2	\$7,214	DS-3HT	1.15	32.6	875	90.2	36	-

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

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HP (HP-Low)	RPM/RPM-Low (# Wdgs)	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
40 (10)	1800/900 (1)	200	326T	HW40EL9H2	\$6,238	DS-3HT	1.15	30.6	610	91	109	-
	1800/900 (1)	460	326T	HW40EL9C2	\$5,776	DS-3HT	1.15	30.6	610	90.2	47	-
	1800/900 (1)	575	326T	HW40EL9G2	\$6,642	DS-3HT	1.15	30.6	610	90.2	38	-
	1200/600 (1)	460	365T	HW40EL36C2	\$9,108	DS-3HT	1.15	32.6	900	90.2	47	-
50 (12-1/2)	1800/900 (1)	200	364T	HW50EL9H2	\$7,280	DS-3HT	1.15	32.6	825	91.7	137	-
	1800/900 (1)	460	364T	HW50EL9C2	\$6,741	DS-3HT	1.15	32.6	825	91.7	63	-
	1800/900 (1)	575	364T	HW50EL9G2	\$7,752	DS-3HT	1.15	32.6	825	91.7	48	-
60 (15)	1800/900 (1)	200	365T	HW60EL9H2	\$9,752	DS-3HT	1.15	32.6	910	93	163	-
	1800/900 (1)	460	365T	HW60EL9C2	\$9,030	DS-3HT	1.15	32.6	910	93	71	-
	1800/900 (1)	575	365T	HW60EL9G2	\$10,384	DS-3HT	1.15	32.6	910	93	57	-
75 (18-3/4)	1800/900 (1)	200	405T	HW75EL9H2	\$11,318	DS-3HT	1.15	37.6	1250	93.6	201	-
	1800/900 (1)	460	405T	HW75EL9C2	\$10,479	DS-3HT	1.15	37.6	1260	93.6	89	-