

Cooling Tower Duty, Three Phase, Totally Enclosed Fan Cooled (TEFC) Energy Efficient, Single Speed



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	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2	1800	200	145T	HW2E2H2	\$574	DS-3HT	1.15	13.1	70	84	6.9	-
	1800	230/460	145T	HW2E2E	\$531	DS-3HT	1.15	13.1	70	84	5.9/2.9	59
	1800	230/460	145T	HW2E2E2	\$531	DS-3HT	1.15	13.1	70	84	5.9/2.9	-
	1800	575	145T	HW2E2G2	\$611	DS-3HT	1.15	13.1	70	84	2.4	-
3	1800	200	182T	HW3E2H2	\$864	DS-3HT	1.15	14.5	100	87.5	9.1	-
	1800	230/460	182T	HW3E2E2	\$800	DS-3HT	1.15	14.5	100	87.5	7.9/4	-
	1800	575	182T	HW3E2G2	\$920	DS-3HT	1.15	14.5	100	87.5	3.2	-
5	1800	200	184T	HW5E2H2	\$901	DS-3HT	1.15	15.5	110	87.5	14.6	-
	1800	230/460	184T	HW5E2E2	\$834	DS-3HT	1.15	15.5	110	87.5	12.7/6.3	-
	1800	575	184T	HW5E2G2	\$960	DS-3HT	1.15	15.5	110	87.5	5.1	-
	1200	200	215T	HW5E3H2	\$1,733	DS-3HT	1.15	19.1	175	87.5	16.9	-
	1200	230/460	215T	HW5E3E2	\$1,605	DS-3HT	1.15	19.1	175	88.5	14.1/7.1	-
7-1/2	1800	200	213T	HW7E2H2	\$1,241	DS-3HT	1.15	17.6	160	89.5	21.5	-
	1800	230/460	213T	HW7E2E2	\$1,149	DS-3HT	1.15	17.6	160	91	18.6/9.3	-
	1800	575	213T	HW7E2G2	\$1,322	DS-3HT	1.15	17.6	160	90.2	7.6	-
	1200	200	254T	HW7E3H2	\$2,387	DS-3HT	1.15	23.8	300	89.5	22	-
	1200	230/460	254T	HW7E3E2	\$2,210	DS-3HT	1.15	23.8	300	89.5	19.1/9.6	-
	1200	575	254T	HW7E3G2	\$2,542	DS-3HT	1.15	23.8	300	89.5	7.6	-
10	1800	200	215T	HW10E2H2	\$1,469	DS-3HT	1.15	19.1	175	89.5	28.3	-
	1800	230/460	215T	HW10E2E2	\$1,360	DS-3HT	1.15	19.1	175	91	24.6/12.3	-
	1800	575	215T	HW10E2G2	\$1,565	DS-3HT	1.15	19.1	175	89.5	9.9	-
	1200	200	256T	HW10E3H2	\$2,826	DS-3HT	1.15	25.5	340	89.5	29.2	-
	1200	230/460	256T	HW10E3E2	\$2,616	DS-3HT	1.15	25.5	340	89.5	25.5/12.7	-
	1200	575	256T	HW10E3G2	\$3,009	DS-3HT	1.15	25.5	340	89.5	10.5	-
15	1800	200	254T	HW15E2H2	\$2,109	DS-3HT	1.15	23.8	300	91	42	-
	1800	230/460	254T	HW15E2E2	\$1,953	DS-3HT	1.15	23.8	300	91	37/18.5	-
	1800	575	254T	HW15E2G2	\$2,246	DS-3HT	1.15	23.8	300	91	14.7	-
	1200	200	284T	HW15E3H2	\$4,056	DS-3HT	1.15	25.5	380	90.2	43	-
	1200	230/460	284T	HW15E3E2	\$3,756	DS-3HT	1.15	25.5	380	90.2	38/18.8	-
	1200	575	284T	HW15E3G2	\$4,319	DS-3HT	1.15	25.5	380	90.2	15	-
20	1800	200	256T	HW20E2H2	\$2,413	DS-3HT	1.15	25.5	360	91	56	-
	1800	230/460	256T	HW20E2E2	\$2,234	DS-3HT	1.15	25.5	360	91	50/24.9	-
	1800	575	256T	HW20E2G2	\$2,569	DS-3HT	1.15	25.5	360	91	19.5	-

Note 59 F1 Assembly Position

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

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HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
20	1200	200	286T	HW20E3H2	\$4,640	DS-3HT	1.15	27.0	410	91	58	-
	1200	230/460	286T	HW20E3E2	\$4,296	DS-3HT	1.15	27.0	410	90.2	49/24.8	-
	1200	575	286T	HW20E3G2	\$4,941	DS-3HT	1.15	27.0	410	90.2	19.9	-
25	1800	200	284T	HW25E2H2	\$3,276	DS-3HT	1.15	25.5	390	92.4	69	-
	1800	230/460	284T	HW25E2E2	\$3,033	DS-3HT	1.15	25.5	390	92.4	60/29.9	-
	1800	575	284T	HW25E2G2	\$3,488	DS-3HT	1.15	25.5	390	92.4	23.6	-
	1200	200	324T	HW25E3H2	\$6,299	DS-3HT	1.15	30.6	600	91.7	69	-
	1200	230/460	324T	HW25E3E2	\$5,833	DS-3HT	1.15	30.6	600	91.7	60/29.8	-
	1200	575	324T	HW25E3G2	\$6,708	DS-3HT	1.15	30.6	600	91.7	23.8	-
30	1800	200	286T	HW30E2H2	\$3,458	DS-3HT	1.15	27.0	440	92.4	82	-
	1800	230/460	286T	HW30E2E2	\$3,202	DS-3HT	1.15	27.0	440	92.4	71/36	-
	1800	575	286T	HW30E2G2	\$3,683	DS-3HT	1.15	27.0	440	92.4	28.7	-
	1200	200	326T	HW30E3H2	\$6,651	DS-3HT	1.15	30.6	675	91.7	82	-
	1200	230/460	326T	HW30E3E2	\$6,158	DS-3HT	1.15	30.6	610	91.7	71/36	-
	1200	575	326T	HW30E3G2	\$7,082	DS-3HT	1.15	30.6	675	91.7	28.4	-
40	1800	200	324T	HW40E2H2	\$4,367	DS-3HT	1.15	30.6	600	93	106	-
	1800	230/460	324T	HW40E2E2	\$4,043	DS-3HT	1.15	30.6	600	93	92/46	-
	1800	575	324T	HW40E2G2	\$4,650	DS-3HT	1.15	30.6	600	93	37	-
	1200	200	364T	HW40E3H2	\$8,397	DS-3HT	1.15	32.6	875	94.1	106	-
	1200	230/460	364T	HW40E3E2	\$7,775	DS-3HT	1.15	32.6	875	94.1	92/46	-
	1200	575	364T	HW40E3G2	\$8,942	DS-3HT	1.15	32.6	875	94.1	37	-
50	1800	200	326T	HW50E2H2	\$5,096	DS-3HT	1.15	30.6	610	93	131	-
	1800	230/460	326T	HW50E2E2	\$4,718	DS-3HT	1.15	30.6	610	93.6	113/57	-
	1800	575	326T	HW50E2G2	\$5,426	DS-3HT	1.15	30.6	610	93.6	45	-
	1200	200	365T	HW50E3H2	\$9,800	DS-3HT	1.15	32.6	875	94.1	132	-
	1200	230/460	365T	HW50E3E2	\$9,074	DS-3HT	1.15	32.6	900	94.1	114/57	-
60	1800	200	364T	HW60E2H2	\$6,827	DS-3HT	1.15	32.6	825	94.1	161	-
	1800	230/460	364T	HW60E2E2	\$6,321	DS-3HT	1.15	32.6	825	93.6	141/71	-
	1800	575	364T	HW60E2G2	\$7,269	DS-3HT	1.15	32.6	825	94.1	56	-
	1200	230/460	404T	HW60E3E2	\$12,156	DS-3HT	1.15	36.1	1160	93.6	141/70	-
75	1800	200	365T	HW75E2H2	\$7,922	DS-3HT	1.15	32.6	910	94.1	197	-
	1800	230/460	365T	HW75E2E2	\$7,336	DS-3HT	1.15	32.6	910	94.1	170/85	-
	1800	575	365T	HW75E2G2	\$8,436	DS-3HT	1.15	32.6	910	94.5	68	-
100	1800	200	405T	HW100E2H2	\$11,848	DS-3HT	1.15	37.6	1250	95	265	-
	1800	230/460	405T	HW100E2E2	\$10,970	DS-3HT	1.15	37.6	1260	94.5	227/113	-

Note 59 F1 Assembly Position