

Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO) Energy Efficient, Multi-Speed, 1 Winding



APPLICATIONS:

Designed for use directly in 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 or Shaft Down) Mounting - Horizontal & Vertical Lifting Lugs 180 Frame & Up
- External Umbrella-Type Seal For W8/W5 (Shaft Up/Shaft Down) Mounting
- Sealed Bracket-to-Frame Registers & Leads (Lead-Positioning Gasket w/Sealant 140-250 Frame; Potted Leads 280 Frame & Up)
- F1 Assembly Position Standard (F2 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)	460	145T	HVV2EL9C	\$782	DS-3HT	1.15	11.5	70	82.5	2.8	-
	1800/900 (1)	575	145T	HVV2EL9G	\$899	DS-3HT	1.15	11.5	70	82.5	2.3	-
3 (3/4)	1800/900 (1)	460	182T	HVV3EL9C	\$1,177	DS-3HT	1.15	12.7	100	84	4.3	LA
	1800/900 (1)	575	182T	HVV3EL9G	\$1,354	DS-3HT	1.15	12.7	100	84	3.4	LA
	1800/900 (1)	200	182T	HVV3EL9H	\$1,271	DS-3HT	1.15	12.7	100	84	9.7	-
	1800/900 (1)	460	182T	HVV3EL9C	\$1,177	DS-3HT	1.15	12.7	100	84	4.3	-
	1800/900 (1)	575	182T	HVV3EL9G	\$1,354	DS-3HT	1.15	12.7	100	84	3.4	-
	1200/600 (1)	460	215T	HVV3EL36C	\$1,856	DS-3HT	1.15	16.3	175	82.5	4.3	-
	1200/600 (1)	575	215T	HVV3EL36G	\$2,134	DS-3HT	1.15	16.3	175	82.5	3.5	-
5 (1-1/4)	1800/900 (1)	200	184T	HVV5EL9H	\$1,326	DS-3HT	1.15	13.7	110	84	15.4	LA
	1800/900 (1)	200	184T	HVV5EL9H	\$1,326	DS-3HT	1.15	13.7	110	84	15.4	-
	1800/900 (1)	460	184T	HVV5EL9C	\$1,228	DS-3HT	1.15	13.7	110	82.5	6.8	-
	1200/600 (1)	575	254T	HVV5EL36G	\$2,227	DS-3HT	1.15	20.4	300	87.5	5.3	LA
	1200/600 (1)	460	254T	HVV5EL36C	\$1,936	DS-3HT	1.15	20.4	300	87.5	6.7	-
	1200/600 (1)	575	254T	HVV5EL36G	\$2,227	DS-3HT	1.15	20.4	300	87.5	5.3	-
7-1/2 (1-3/4)	1800/900 (1)	575	213T	HVV7EL9G	\$1,945	DS-3HT	1.15	14.8	160	85.5	7.9	LA
	1800/900 (1)	200	213T	HVV7EL9H	\$1,826	DS-3HT	1.15	14.8	160	85.5	22.8	-
	1800/900 (1)	460	213T	HVV7EL9C	\$1,691	DS-3HT	1.15	14.8	160	85.5	9.8	-
	1800/900 (1)	575	213T	HVV7EL9G	\$1,945	DS-3HT	1.15	14.8	160	85.5	7.9	-
	1200/600 (1)	460	256T	HVV7EL36C	\$2,667	DS-3HT	1.15	20.4	340	86.5	10.8	-
10 (2-1/2)	1800/900 (1)	200	215T	HVV10EL9H	\$2,162	DS-3HT	1.15	16.3	175	88.5	31	-
	1800/900 (1)	460	215T	HVV10EL9C	\$2,002	DS-3HT	1.15	16.3	175	88.5	12.7	-
	1800/900 (1)	575	215T	HVV10EL9G	\$2,302	DS-3HT	1.15	16.3	175	87.5	10.2	-
	1200/600 (1)	200	284T	HVV10EL36H	\$3,409	DS-3HT	1.15	22.1	380	87.5	30	-
	1200/600 (1)	460	284T	HVV10EL36C	\$3,157	DS-3HT	1.15	22.1	380	87.5	13.1	-
15 (3-3/4)	1800/900 (1)	200	254T	HVV15EL9H	\$3,103	DS-3HT	1.15	20.4	300	90.2	43	-
	1800/900 (1)	460	254T	HVV15EL9C	\$2,873	DS-3HT	1.15	20.4	300	90.2	19.2	-
	1800/900 (1)	575	254T	HVV15EL9G	\$3,305	DS-3HT	1.15	20.4	300	90.2	15.4	-
	1200/600 (1)	200	286T	HVV15EL36H	\$4,894	DS-3HT	1.15	23.3	410	86.5	45	-
20 (5)	1800/900 (1)	200	256T	HVV20EL9H	\$3,550	DS-3HT	1.15	22.1	360	90.2	60	-
	1800/900 (1)	460	256T	HVV20EL9C	\$3,287	DS-3HT	1.15	22.1	380	90.2	26.2	-
	1800/900 (1)	575	256T	HVV20EL9G	\$3,780	DS-3HT	1.15	22.1	600	90.2	20.9	-
	1200/600 (1)	200	324T	HVV20EL36H	\$5,598	DS-3HT	1.15	27.3	600	89.5	57	-
	1200/600 (1)	460	324T	HVV20EL36C	\$5,184	DS-3HT	1.15	27.3	600	89.5	24.6	-

Note LA Limited Availability

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

Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO) Energy Efficient, Multi-Speed, 1 Winding



APPLICATIONS:

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

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
25 (6-1/4)	1800/900 (1)	200	286T	HVW25EL9H	\$4,820	DS-3HT	1.15	24.8	440	91	69	-
	1800/900 (1)	460	286T	HVW25EL9C	\$4,463	DS-3HT	1.15	24.8	390	91	31	-
	1800/900 (1)	575	286T	HVW25EL9G	\$5,132	DS-3HT	1.15	24.8	440	91	24.5	-
	1200/600 (1)	200	326T	HVW25EL36H	\$7,601	DS-3HT	1.15	27.3	675	89.5	70	-
	1200/600 (1)	460	326T	HVW25EL36C	\$7,038	DS-3HT	1.15	27.3	436	89.5	31	-
30 (7-1/2)	1800/900 (1)	200	324T	HVW30EL9H	\$5,089	DS-3HT	1.15	27.3	600	91	81	-
	1800/900 (1)	460	324T	HVW30EL9C	\$4,712	DS-3HT	1.15	27.3	600	91.7	35	-
	1800/900 (1)	575	324T	HVW30EL9G	\$5,419	DS-3HT	1.15	27.3	600	91.7	28.2	-
	1200/600 (1)	200	364T	HVW30EL36H	\$8,025	DS-3HT	1.15	29.4	875	90.2	83	-
	1200/600 (1)	460	364T	HVW30EL36C	\$7,430	DS-3HT	1.15	29.4	875	90.2	36	-
40 (10)	1800/900 (1)	200	326T	HVW40EL9H	\$6,425	DS-3HT	1.15	27.3	610	91.7	108	-
	1800/900 (1)	460	326T	HVW40EL9C	\$5,949	DS-3HT	1.15	27.3	610	91	47	-
	1200/600 (1)	200	365T	HVW40EL36H	\$10,132	DS-3HT	1.15	29.4	900	90.2	109	-
	1200/600 (1)	460	365T	HVW40EL36C	\$9,381	DS-3HT	1.15	29.4	900	90.2	47	-
50 (12-1/2)	1800/900 (1)	200	364T	HVW50EL9H	\$7,498	DS-3HT	1.15	29.4	825	92.4	136	-
	1800/900 (1)	460	364T	HVW50EL9C	\$6,943	DS-3HT	1.15	29.4	825	92.4	63	-
	1800/900 (1)	575	364T	HVW50EL9G	\$7,984	DS-3HT	1.15	29.4	825	92.4	47	-
60 (15)	1800/900 (1)	200	365T	HVW60EL9H	\$10,045	DS-3HT	1.15	29.4	910	93	163	-
	1800/900 (1)	460	365T	HVW60EL9C	\$9,301	DS-3HT	1.15	29.4	910	93	71	-
	1800/900 (1)	575	365T	HVW60EL9G	\$10,384	DS-3HT	1.15	29.4	910	93	57	-
75 (18-3/4)	1800/900 (1)	200	405T	HVW75EL9H	\$11,657	DS-3HT	1.15	33.9	1250	93.6	201	-
	1800/900 (1)	460	405T	HVW75EL9C	\$10,794	DS-3HT	1.15	33.9	1250	94.5	89	-
100 (25)	1800/900 (1)	200	444T	HVW100EL9H	\$17,433	DS-3HT	1.15	37.9	1675	93.6	271	-
	1800/900 (1)	460	444T	HVW100EL9C	\$16,142	DS-3HT	1.15	37.9	1675	93.6	118	-

Note LA Limited Availability