

# Cooling Tower Duty, Three Phase

## Totally Enclosed Air Over (TEAO), Single Speed



### 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	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1	900	200	182T	HVV1E4H	\$1,350	DS-3HT	1.15	12.7	100	77	4.5	-
	900	230/460	182T	HVV1E4B	\$1,300	DS-3HT	1.15	12.7	100	77	4.3/2.2	-
	900	575	182T	HVV1E4G	\$1,500	DS-3HT	1.15	12.7	100	77	1.7	-
2	1800	200	145T	HVV2E2H	\$591	DS-3HT	1.15	11.5	70	84	6.9	-
	1800	230/460	145T	HVV2E2B	\$547	DS-3HT	1.15	11.5	70	84	5.9/2.9	-
	1800	575	145T	HVV2E2G	\$629	DS-3HT	1.15	11.5	70	84	2.4	-
	1200	230/460	184T	HVV2E3B	\$1,053	DS-3HT	1.15	13.7	110	86.5	6.1/3.1	-
	900	200	213T	HVV2E4H	\$1,559	DS-3HT	1.15	14.8	160	82.5	8.7	-
	900	230/460	213T	HVV2E4B	\$1,402	DS-3HT	1.15	14.8	160	82.5	7.6/3.8	-
	900	575	213T	HVV2E4G	\$1,660	DS-3HT	1.15	14.8	160	82.5	3	-
3	1800	200	182T	HVV3E2H	\$890	DS-3HT	1.15	12.7	100	87.5	9.1	-
	1800	230/460	182T	HVV3E2B	\$824	DS-3HT	1.15	12.7	100	87.5	7.9/4	-
	1800	575	182T	HVV3E2G	\$947	DS-3HT	1.15	12.7	100	87.5	3.2	-
	1200	200	213T	HVV3E3H	\$1,711	DS-3HT	1.15	14.8	160	87.5	10.6	-
	1200	230/460	213T	HVV3E3B	\$1,584	DS-3HT	1.15	14.8	160	87.5	9.1/4.5	-
	1200	575	213T	HVV3E3G	\$1,822	DS-3HT	1.15	14.8	160	87.5	3.7	-
5	1800	200	184T	HVV5E2H	\$928	DS-3HT	1.15	13.7	110	87.5	14.6	-
	1800	230/460	184T	HVV5E2B	\$860	DS-3HT	1.15	13.7	110	87.5	12.7/6.3	-
	1800	575	184T	HVV5E2G	\$988	DS-3HT	1.15	13.7	110	88.5	5	-
	1200	200	215T	HVV5E3H	\$1,785	DS-3HT	1.15	16.3	175	87.5	16.9	-
	1200	230/460	215T	HVV5E3B	\$1,653	DS-3HT	1.15	16.3	175	87.5	14.6/7.3	-
	1200	575	215T	HVV5E3G	\$1,901	DS-3HT	1.15	16.3	175	87.5	5.8	-
7-1/2	1800	200	213T	HVV7E2H	\$1,279	DS-3HT	1.15	14.8	160	91	21.5	-
	1800	230/460	213T	HVV7E2B	\$1,184	DS-3HT	1.15	14.8	160	91	18.6/9.3	-
	1800	575	213T	HVV7E2G	\$1,361	DS-3HT	1.15	14.8	160	90.2	7.6	-
	1200	200	254T	HVV7E3H	\$2,459	DS-3HT	1.15	20.4	300	89.5	22	-
	1200	230/460	254T	HVV7E3B	\$2,277	DS-3HT	1.15	20.4	300	89.5	19.1/9.6	-
	1200	575	254T	HVV7E3G	\$2,618	DS-3HT	1.15	20.4	300	89.5	7.6	-
10	1800	200	215T	HVV10E2H	\$1,513	DS-3HT	1.15	16.3	175	91	28.3	-
	1800	230/460	215T	HVV10E2B	\$1,401	DS-3HT	1.15	16.3	175	91	24.6/12.3	-
	1800	575	215T	HVV10E2G	\$1,611	DS-3HT	1.15	16.3	175	91	9.9	-
	1200	200	256T	HVV10E3H	\$2,910	DS-3HT	1.15	22.1	340	89.5	29.2	-
	1200	230/460	256T	HVV10E3B	\$2,695	DS-3HT	1.15	22.1	340	89.5	25.5/12.7	-
	1200	575	256T	HVV10E3G	\$3,099	DS-3HT	1.15	22.1	340	89.5	10.5	-

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15	1800	200	254T	HVV15E2H	\$2,172	DS-3HT	1.15	20.4	300	91.7	42	-
	1800	230/460	254T	HVV15E2B	\$2,011	DS-3HT	1.15	20.4	300	91	37/18.6	-
	1800	575	254T	HVV15E2G	\$2,313	DS-3HT	1.15	20.4	300	91	14.7	-
	1200	200	284T	HVV15E3H	\$4,178	DS-3HT	1.15	23.3	380	90.2	43	-
	1200	230/460	284T	HVV15E3B	\$3,868	DS-3HT	1.15	23.3	380	90.2	38/18.9	-
	1200	575	284T	HVV15E3G	\$4,448	DS-3HT	1.15	23.3	380	90.2	15	-
20	1800	200	256T	HVV20E2H	\$2,485	DS-3HT	1.15	22.1	360	91.7	56	-
	1800	230/460	256T	HVV20E2B	\$2,301	DS-3HT	1.15	22.1	360	91	50/24.9	-
	1800	575	256T	HVV20E2G	\$2,646	DS-3HT	1.15	22.1	360	91.7	19.5	-
	1200	200	286T	HVV20E3H	\$4,779	DS-3HT	1.15	24.8	410	90.2	58	-
	1200	230/460	286T	HVV20E3B	\$4,425	DS-3HT	1.15	24.8	410	90.2	50/24.9	-
	1200	575	286T	HVV20E3G	\$5,089	DS-3HT	1.15	24.8	410	90.2	20.2	-
25	1800	200	284T	HVV25E2H	\$3,374	DS-3HT	1.15	23.3	350	92.4	69	-
	1800	230/460	284T	HVV25E2B	\$3,124	DS-3HT	1.15	23.3	390	92.4	60/29.9	-
	1800	575	284T	HVV25E2G	\$3,593	DS-3HT	1.15	23.3	390	92.4	23.6	-
	1200	200	324T	HVV25E3H	\$6,488	DS-3HT	1.15	27.3	600	91.7	69	-
	1200	230/460	324T	HVV25E3B	\$6,008	DS-3HT	1.15	27.3	600	91.7	60/29.8	-
	1200	575	324T	HVV25E3G	\$6,909	DS-3HT	1.15	27.3	600	91.7	23.8	-
30	1800	200	286T	HVV30E2H	\$3,562	DS-3HT	1.15	24.8	440	92.4	82	-
	1800	230/460	286T	HVV30E2B	\$3,298	DS-3HT	1.15	24.8	440	92.4	71/36	-
	1800	575	286T	HVV30E2G	\$3,793	DS-3HT	1.15	24.8	440	92.4	28.7	-
	1200	200	326T	HVV30E3H	\$6,850	DS-3HT	1.15	27.3	675	91.7	82	-
	1200	230/460	326T	HVV30E3B	\$6,343	DS-3HT	1.15	27.3	675	91.7	71/36	-
	1200	575	326T	HVV30E3G	\$7,294	DS-3HT	1.15	27.3	675	91.7	28.4	-
40	1800	200	324T	HVV40E2H	\$4,498	DS-3HT	1.15	27.3	600	93	106	-
	1800	230/460	324T	HVV40E2B	\$4,164	DS-3HT	1.15	27.3	600	93	92/46	-
	1800	575	324T	HVV40E2G	\$4,789	DS-3HT	1.15	27.3	600	93	37	-
	1200	200	364T	HVV40E3G	\$9,210	DS-3HT	1.15	29.4	875	94.1	106	-
	1200	230/460	364T	HVV40E3B	\$8,009	DS-3HT	1.15	29.4	875	94.1	92/46	-
50	1800	200	326T	HVV50E2H	\$5,249	DS-3HT	1.15	27.3	610	93.6	130	-
	1800	230/460	326T	HVV50E2B	\$4,860	DS-3HT	1.15	27.3	610	93.6	113/57	-
	1800	575	326T	HVV50E2G	\$5,589	DS-3HT	1.15	27.3	610	93.6	45	-
	1200	200	365T	HVV50E3H	\$10,094	DS-3HT	1.15	29.4	875	94.5	131	-
	1200	230/460	365T	HVV50E3B	\$9,346	DS-3HT	1.15	29.4	900	94.1	114/57	-
60	1800	200	364T	HVV60E2H	\$7,031	DS-3HT	1.15	29.4	825	94.1	161	-
	1800	230/460	364T	HVV60E2B	\$6,510	DS-3HT	1.15	29.4	825	94.1	139/70	-
	1800	575	364T	HVV60E2G	\$7,487	DS-3HT	1.15	29.4	825	94.1	56	-
	1200	230/460	404T	HVV60E3B	\$12,520	DS-3HT	1.15	32.4	1160	93.6	141/70	-
75	1800	200	365T	HVV75E2H	\$8,160	DS-3HT	1.15	29.4	910	94.5	197	-
	1800	230/460	365T	HVV75E2B	\$7,556	DS-3HT	1.15	29.4	910	94.1	170/85	-
	1800	575	365T	HVV75E2G	\$8,689	DS-3HT	1.15	29.4	910	94.5	68	-
100	1800	230/460	405T	HVV100E2B	\$11,299	DS-3HT	1.15	33.9	1250	94.5	227/113	-
	1200	230/460	444T	HVV100E3B	\$21,729	DS-3HT	1.15	37.9	1660	94.5	255/127	-