

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), NEMA Premium[†], Inverter Duty, 10:1 (6-60Hz Variable Torque), 2-100 HP




CTNI

APPLICATIONS:

Designed for use directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

FEATURES:

- Pulse Endurance "Tough Coat" INVERTER GRADE[®] Motors
- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- VBXX[®] by InproSeal on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- Corrosion Resistant Mill and Chemical Duty Paint
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec
- NEMA[®] Design B Performance on 60 Hertz Sine Wave Power
- Inverter Compatible: Exceeds NEMA[®] MG-1 Part 31 (10:1 Variable Torque)

Option List Prices: Add motor & required options list prices, then use applicable multiplier to calculate net price.

Options	Frame Size								
	140	180	210	250	280	320	360	400	440
Space Heater	\$220	\$275	\$300	\$410	\$430	\$450	\$470	\$500	\$510
Thermistor	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490	\$490
Shaft Grounding	Refer to Emerson								

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2	1800	200	145T	HVV2V2H?	\$650	\$725	DS-3HTL	-	70	86.5	6.6	-
	1800	230/460	145T	HVV2V2E?	\$602	\$677	DS-3HTL	-	70	86.5	5.7/2.9	-
	1800	575	145T	HVV2V2G?	\$692	\$767	DS-3HTL	-	70	86.5	2.3	-
	1200	200	184T	HVV2V3H?	\$1,202	\$1,307	DS-3HTL	13.7	110	88.5	7.2	-
	1200	200	184T	HVV2V3H	\$1,202	-	DS-3HTS	13.7	110	88.5	7.2	-
	1200	230/460	184T	HVV2V3E?	\$1,113	\$1,218	DS-3HTL	13.7	110	88.5	6.2/3.1	-
	1200	575	184T	HVV2V3G?	\$1,280	\$1,385	DS-3HTL	13.7	110	88.5	2.5	-
3	1800	200	182T	HVV3V2H?	\$978	\$1,083	DS-3HTL	12.7	100	89.5	9.2	-
	1800	230/460	182T	HVV3V2E?	\$905	\$1,010	DS-3HTL	12.7	100	89.5	7.9/3.9	-
	1800	575	182T	HVV3V2G?	\$1,041	\$1,146	DS-3HTL	12.7	100	89.5	3.2	-
	1200	200	213T	HVV3V3H?	\$1,809	\$1,924	DS-3HTL	14.8	160	89.5	10.1	-
	1200	200	213T	HVV3V3H	\$1,809	-	DS-3HTS	14.8	160	89.5	10.1	-
	1200	230/460	213T	HVV3V3E?	\$1,675	\$1,790	DS-3HTL	14.8	160	90.2	8.7/4.4	-
	1200	575	213T	HVV3V3G?	\$1,926	\$2,041	DS-3HTL	14.8	160	89.5	3.5	-
5	1800	200	184T	HVV5V2H?	\$1,020	\$1,125	DS-3HTL	13.7	110	89.5	14.4	-
	1800	200	184T	HVV5V2H	\$1,020	-	DS-3HTS	13.7	110	89.5	14.4	-
	1800	230/460	184T	HVV5V2E?	\$945	\$1,050	DS-3HTL	13.7	110	89.5	12.5/6.3	-
	1800	575	184T	HVV5V2G?	\$1,086	\$1,191	DS-3HTL	13.7	110	89.5	5.0	-
	1200	200	215T	HVV5V3H?	\$1,887	\$2,002	DS-3HTL	16.3	175	90.2	16.2	-
	1200	200	215T	HVV5V3H	\$1,887	-	DS-3HTS	16.3	175	90.2	16.2	-
	1200	230/460	215T	HVV5V3E?	\$1,747	\$1,862	DS-3HTL	16.3	175	90.2	14.0/7.0	-
	1200	575	215T	HVV5V3G?	\$2,009	\$2,124	DS-3HTL	16.3	175	90.2	5.6	-
7-1/2	1800	200	213T	HVV7V2H?	\$1,405	\$1,520	DS-3HTL	14.8	160	91.7	21.1	-
	1800	200	213T	HVV7V2H	\$1,405	-	DS-3HTS	14.8	160	91.7	21.1	-

Note: Items in bold font are normally stocked; other motors are assembled to order

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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 directly in the air stream in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with up to 100% humidity.

List A: For mounting positions F1, F2, C1, C2, W1, W2. List B: For mounting positions W5, W6, W7, W8.

HP	RPM	Voltage	Frame	Catalog Number	List A	List B	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
7-1/2	1800	230/460	213T	HVV7V2E?	\$1,301	\$1,416	DS-3HTL	14.8	160	91.7	18.5/9.3	-
	1800	575	213T	HVV7V2G?	\$1,496	\$1,611	DS-3HTL	14.8	160	91.7	7.5	-
	1200	200	254T	HVV7V3H?	\$2,599	\$2,744	DS-3HTL	20.4	300	91.0	21.5	-
	1200	230/460	254T	HVV7V3E?	\$2,407	\$2,552	DS-3HTL	20.4	300	91.0	18.6/9.3	-
	1200	575	254T	HVV7V3G?	\$2,768	\$2,913	DS-3HTL	20.4	300	91.0	7.5	-
10	1800	200	215T	HVV10V2H?	\$1,663	\$1,778	DS-3HTL	16.3	175	91.7	27.3	-
	1800	230/460	215T	HVV10V2E?	\$1,540	\$1,655	DS-3HTL	16.3	175	91.7	23.8/11.9	-
	1800	575	215T	HVV10V2G?	\$1,771	\$1,886	DS-3HTL	16.3	180	91.7	9.6	-
	1200	200	256T	HVV10V3H?	\$3,077	\$3,222	DS-3HTL	22.1	340	91.0	28.3	-
	1200	230/460	256T	HVV10V3E?	\$2,849	\$2,994	DS-3HTL	22.1	360	91.7	24.5/12.3	-
	1200	575	256T	HVV10V3G?	\$3,276	\$3,421	DS-3HTL	22.1	340	91.0	9.8	-
15	1800	200	254T	HVV15V2H?	\$2,387	\$2,532	DS-3HTL	20.4	300	92.4	42.0	-
	1800	200	254T	HVV15V2H	\$2,387	-	DS-3HTS	20.4	300	92.4	42.0	-
	1800	230/460	254T	HVV15V2E?	\$2,210	\$2,355	DS-3HTL	20.4	300	92.4	37.0/18.4	-
	1800	575	254T	HVV15V2G?	\$2,542	\$2,687	DS-3HTL	20.4	300	92.4	14.4	-
	1200	200	284T	HVV15V3H?	\$4,416	\$4,601	DS-3HTL	23.3	385	91.7	43.0	-
	1200	230/460	284T	HVV15V3E?	\$4,089	\$4,274	DS-3HTL	23.3	390	91.7	37.0/18.6	-
	1200	575	284T	HVV15V3G?	\$4,703	\$4,888	DS-3HTL	23.3	385	91.7	14.8	-
20	1800	200	256T	HVV20V2H?	\$2,731	\$2,876	DS-3HTL	22.1	360	93.0	54.0	-
	1800	200	256T	HVV20V2H	\$2,731	-	DS-3HTS	22.1	360	93.0	54.0	-
	1800	230/460	256T	HVV20V2E?	\$2,529	\$2,674	DS-3HTL	22.1	360	93.0	47.0/23.7	-
	1800	575	256T	HVV20V2G?	\$2,908	\$3,053	DS-3HTL	22.1	360	93.0	19.1	-
	1200	200	286T	HVV20V3H?	\$5,052	\$5,237	DS-3HTL	24.8	420	91.7	56.0	-
	1200	230/460	286T	HVV20V3E?	\$4,678	\$4,863	DS-3HTL	24.8	420	91.7	49.0/24.5	-
	1200	575	286T	HVV20V3G?	\$5,380	\$5,565	DS-3HTL	24.8	420	91.7	19.6	-
25	1800	200	284T	HVV25V2H?	\$3,708	\$3,893	DS-3HTL	23.3	390	93.6	67.0	-
	1800	230/460	284T	HVV25V2E?	\$3,433	\$3,618	DS-3HTL	23.3	390	93.6	60.0/29.8	-
	1800	575	284T	HVV25V2G?	\$3,948	\$4,133	DS-3HTL	23.3	390	93.6	23.3	-
	1200	200	324T	HVV25V3H?	\$6,859	\$7,094	DS-3HTL	27.3	555	93.0	68.0	-
	1200	230/460	324T	HVV25V3E?	\$6,351	\$6,586	DS-3HTL	27.3	555	93.0	59.0/29.3	-
	1200	575	324T	HVV25V3G?	\$7,304	\$7,539	DS-3HTL	27.3	590	93.0	23.6	-
30	1800	200	286T	HVV30V2H?	\$3,915	\$4,100	DS-3HTL	24.8	440	93.6	79.0	-
	1800	230/460	286T	HVV30V2E?	\$3,625	\$3,810	DS-3HTL	24.8	440	93.6	69.0/34.0	-
	1800	575	286T	HVV30V2G?	\$4,168	\$4,353	DS-3HTL	24.8	440	93.6	27.6	-
	1200	200	326T	HVV30V3H?	\$7,242	\$7,477	DS-3HTL	28.3	610	93.0	80.0	-
	1200	230/460	326T	HVV30V3E?	\$6,705	\$6,940	DS-3HTL	28.3	610	93.0	70.0/35.0	-
	1200	575	326T	HVV30V3G?	\$7,711	\$7,946	DS-3HTL	28.3	610	93.0	28.2	-
40	1800	200	324T	HVV40V2H?	\$4,942	\$5,177	DS-3HTL	27.3	600	94.1	105.0	-
	1800	230/460	324T	HVV40V2E?	\$4,576	\$4,811	DS-3HTL	27.3	600	94.1	92.0/46.0	-
	1800	575	324T	HVV40V2G?	\$5,263	\$5,498	DS-3HTL	27.3	600	94.1	37.0	-
	1200	200	364T	HVV40V3H?	\$9,143	\$9,403	DS-3HTL	29.4	800	94.1	107.0	-
	1200	230/460	364T	HVV40V3E?	\$8,466	\$8,726	DS-3HTL	29.4	800	94.1	93.0/46.0	-
	1200	575	364T	HVV40V3G?	\$9,736	\$9,996	DS-3HTL	29.4	800	94.1	37.0	-

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HP	RPM	Voltage	Frame	Catalog Number	List A	List B	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50	1800	200	326T	HVV50V2H?	\$5,768	\$6,003	DS-3HTL	28.3	625	94.5	130.0	-
	1800	230/460	326T	HVV50V2E?	\$5,341	\$5,576	DS-3HTL	28.3	625	94.5	112.0/56.0	-
	1800	575	326T	HVV50V2G?	\$6,142	\$6,377	DS-3HTL	28.3	625	94.5	45.0	-
	1200	200	365T	HVV50V3H?	\$10,670	\$10,930	DS-3HTL	30.4	890	94.1	134.0	-
	1200	230/460	365T	HVV50V3E?	\$9,880	\$10,140	DS-3HTL	30.4	925	94.1	116.0/58.0	-
	1200	575	365T	HVV50V3G?	\$11,362	\$11,622	DS-3HTL	30.4	925	94.1	46.0	-
60	1800	200	364T	HVV60V2H?	\$7,727	\$7,987	DS-3HTL	29.4	830	95.0	159.0	-
	1800	230/460	364T	HVV60V2E?	\$7,154	\$7,414	DS-3HTL	29.4	830	95.0	137.0/69.0	-
	1800	575	364T	HVV60V2G?	\$8,228	\$8,488	DS-3HTL	29.4	830	95.0	55.0	-
	1200	200	404T	HVV60V3H?	\$14,294	\$14,644	DS-3HTL	32.4	1160	94.5	161.0	-
	1200	230/460	404T	HVV60V3E?	\$13,236	\$13,586	DS-3HTL	32.4	1200	94.5	140.0/70.0	-
	1200	575	404T	HVV60V3G?	\$15,221	\$15,571	DS-3HTL	32.4	1200	94.5	56.0	-
75	1800	200	365T	HVV75V2H?	\$8,967	\$9,227	DS-3HTL	30.4	910	95.4	193.0	-
	1800	230/460	365T	HVV75V2E?	\$8,303	\$8,563	DS-3HTL	30.4	920	95.4	169.0/84.0	-
	1800	575	365T	HVV75V2G?	\$9,548	\$9,808	DS-3HTL	30.4	900	95.4	68.0	-
	1200	200	405T	HVV75V3H?	\$16,589	\$16,939	DS-3HTL	33.9	1260	94.5	201.0	-
	1200	230/460	405T	HVV75V3E?	\$15,360	\$15,710	DS-3HTL	33.9	1260	94.5	173.0/87.0	-
	1200	575	405T	HVV75V3G?	\$17,664	\$18,014	DS-3HTL	33.9	1260	94.5	70.0	-
100	1800	200	405T	HVV100V2H?	\$13,410	\$13,760	DS-3HTL	33.9	1260	95.4	261.0	-
	1800	230/460	405T	HVV100V2E?	\$12,417	\$12,767	DS-3HTL	33.9	1260	95.4	226.0/113.0	-
	1800	575	405T	HVV100V2G?	\$14,279	\$14,629	DS-3HTL	33.9	1260	95.4	91.0	-
	1200	200	444T	HVV100V3H?	\$24,808	\$25,208	DS-3HTL	37.9	1635	95.0	284.0	-
	1200	230/460	444T	HVV100V3E?	\$22,971	\$23,371	DS-3HTL	37.9	1635	95.0	248.0/124.0	-
	1200	575	444T	HVV100V3G?	\$26,416	\$26,816	DS-3HTL	37.9	1660	95.0	99.0	-

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