

ReadyLine™ 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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