

Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 1-Winding



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.

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
- NEMA® Design B Performance on 60 Hertz Sine Wave Power

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 HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
2 (1/2)	1800/900 (1)	200	145T	HVV2PL9H?	\$877	\$952	DS-3HTL	-	70	84.0	4.1/6.4	-
	1800/900 (1)	460	145T	HVV2PL9C?	\$812	\$887	DS-3HTL	-	70	84.0	1.9/2.8	-
	1800/900 (1)	575	145T	HVV2PL9G?	\$934	\$1,009	DS-3HTL	-	70	84.0	1.4/2.2	-
	1200/600 (1)	200	215T	HVV2PL36H?	\$1,429	\$1,544	DS-3HTL	16.3	175	-	-	-
	1200/600 (1)	460	215T	HVV2PL36C?	\$1,323	\$1,438	DS-3HTL	16.3	150	85.5	2.0/3.1	-
	1200/600 (1)	575	215T	HVV2PL36G?	\$1,522	\$1,637	DS-3HTL	16.3	175	86.5	1.6/2.5	-
3 (3/4)	1800/900 (1)	200	182T	HVV3PL9H?	\$1,320	\$1,425	DS-3HTL	12.7	100	86.5	4.0/9.7	-
	1800/900 (1)	460	182T	HVV3PL9C?	\$1,222	\$1,327	DS-3HTL	12.7	100	85.5	1.8/4.5	-
	1800/900 (1)	575	182T	HVV3PL9G?	\$1,406	\$1,511	DS-3HTL	12.7	100	84.0	1.5/3.5	-
	1200/600 (1)	200	215T	HVV3PL36H?	\$2,151	\$2,266	DS-3HTL	16.3	175	85.5	5.2/9.7	-
	1200/600 (1)	460	215T	HVV3PL36C?	\$1,992	\$2,107	DS-3HTL	16.3	175	66.0	4.2/2.3	-
	1200/600 (1)	575	215T	HVV3PL36G?	\$2,291	\$2,406	DS-3HTL	16.3	175	85.5	1.8/3.4	-
5 (1-1/4)	1800/900 (1)	200	184T	HVV5PL9H?	\$1,377	\$1,482	DS-3HTL	13.7	100	86.5	6.4/16.2	-
	1800/900 (1)	460	184T	HVV5PL9C?	\$1,275	\$1,380	DS-3HTL	13.7	110	86.5	2.6/6.6	-
	1800/900 (1)	575	184T	HVV5PL9G?	\$1,466	\$1,571	DS-3HTL	13.7	110	86.5	2.0/5.2	-
	1200/600 (1)	200	254T	HVV5PL36H?	\$2,244	\$2,389	DS-3HTL	20.4	300	87.5	6.9/17.7	-
	1200/600 (1)	460	254T	HVV5PL36C?	\$2,078	\$2,223	DS-3HTL	20.4	300	88.5	3.4/7.2	-
	1200/600 (1)	460	254T	HVV5PL36C	\$2,078	-	DS-3HTS	20.4	300	88.5	3.4/7.2	-
	1200/600 (1)	575	254T	HVV5PL36G?	\$2,390	\$2,535	DS-3HTL	20.4	320	87.5	2.8/5.9	-
	7-1/2 (1-3/4)	1800/900 (1)	200	213T	HVV7PL9H?	\$1,897	\$2,012	DS-3HTL	14.8	160	87.5	8.9/23.6
1800/900 (1)	460	213T	HVV7PL9C?	\$1,756	\$1,871	DS-3HTL	14.8	160	88.5	3.6/9.5	-	
1800/900 (1)	460	213T	HVV7PL9C	\$1,756	-	DS-3HTS	14.8	160	88.5	3.6/9.5	-	
1800/900 (1)	575	213T	HVV7PL9G?	\$2,020	\$2,135	DS-3HTL	14.8	150	88.5	2.8/7.4	-	
1200/600 (1)	200	256T	HVV7PL36H?	\$3,091	\$3,236	DS-3HTL	22.1	340	90.2	14.9/23.4	-	
1200/600 (1)	460	256T	HVV7PL36C?	\$2,862	\$3,007	DS-3HTL	22.1	340	88.5	7.6/11.0	-	
1200/600 (1)	575	256T	HVV7PL36G?	\$3,291	\$3,436	DS-3HTL	22.1	340	90.2	6.1/8.8	-	

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

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Ready Line™ Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 1-Winding



CTEN

APPLICATIONS:

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

HP HP (Low)	RPM/RPM Low (# Windings)	Voltage	Frame	Catalog Number	List A	List B	Discount Symbol	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
10 (2-1/2)	1800/900 (1)	200	215T	HVV10PL9H?	\$2,245	\$2,360	DS-3HTL	16.3	200	88.5	10.8/28.3	-
	1800/900 (1)	460	215T	HVV10PL9C?	\$2,079	\$2,194	DS-3HTL	16.3	190	88.5	4.9/12.9	-
	1800/900 (1)	460	215T	HVV10PL9C	\$2,079	-	DS-3HTS	16.3	190	88.5	4.9/12.9	-
	1800/900 (1)	575	215T	HVV10PL9G?	\$2,391	\$2,506	DS-3HTL	16.3	200	90.2	3.8/9.9	-
	1200/600 (1)	200	284T	HVV10PL36H?	\$3,659	\$3,844	DS-3HTL	23.3	380	87.5	14.5/40.0	-
	1200/600 (1)	460	284T	HVV10PL36C?	\$3,388	\$3,573	DS-3HTL	23.3	385	88.5	5.8/14.9	-
	1200/600 (1)	575	284T	HVV10PL36G?	\$3,896	\$4,081	DS-3HTL	23.3	380	89.5	4.6/11.4	-
15 (3-3/4)	1800/900 (1)	200	254T	HVV15PL9H?	\$3,223	\$3,368	DS-3HTL	20.4	310	91.0	16.8/43.0	-
	1800/900 (1)	460	254T	HVV15PL9C?	\$2,984	\$3,129	DS-3HTL	20.4	310	91.0	7.6/19.3	-
	1800/900 (1)	460	254T	HVV15PL9C	\$2,984	-	DS-3HTS	20.4	310	91.0	7.6/19.3	-
	1800/900 (1)	575	254T	HVV15PL9G?	\$3,432	\$3,577	DS-3HTL	20.4	310	91.0	6.1/15.4	-
	1200/600 (1)	200	286T	HVV15PL36H?	\$5,252	\$5,437	DS-3HTL	24.8	410	90.2	21.8/43.0	-
	1200/600 (1)	460	286T	HVV15PL36C?	\$4,863	\$5,048	DS-3HTL	24.8	410	90.2	7.6/18.9	-
	1200/600 (1)	575	286T	HVV15PL36G?	\$5,592	\$5,777	DS-3HTL	24.8	410	91.0	9.9/16.0	-
20 (5)	1800/900 (1)	200	256T	HVV20PL9H?	\$3,687	\$3,832	DS-3HTL	22.1	360	91.0	21.3/56.0	-
	1800/900 (1)	200	256T	HVV20PL9H	\$3,687	-	DS-3HTS	22.1	360	91.0	21.3/56.0	-
	1800/900 (1)	460	256T	HVV20PL9C?	\$3,414	\$3,559	DS-3HTL	22.1	360	91.0	9.1/24.1	-
	1800/900 (1)	460	256T	HVV20PL9C	\$3,414	-	DS-3HTS	22.1	360	91.0	9.1/24.1	-
	1800/900 (1)	575	256T	HVV20PL9G?	\$3,926	\$4,071	DS-3HTL	22.1	360	91.0	7.2/19.2	-
	1200/600 (1)	200	324T	HVV20PL36H?	\$6,008	\$6,243	DS-3HTL	27.3	555	91.0	20.6/55.0	-
	1200/600 (1)	460	324T	HVV20PL36C?	\$5,563	\$5,798	DS-3HTL	27.3	555	90.2	9.1/24.1	-
1200/600 (1)	575	324T	HVV20PL36G?	\$6,397	\$6,632	DS-3HTL	27.3	555	90.2	7.2/19.3	-	
25 (6-1/4)	1800/900 (1)	200	286T	HVV25PL9H?	\$5,005	\$5,190	DS-3HTL	24.8	430	92.4	25.5/68.0	-
	1800/900 (1)	460	286T	HVV25PL9C?	\$4,635	\$4,820	DS-3HTL	24.8	430	92.4	11.1/29.6	-
	1800/900 (1)	460	286T	HVV25PL9C	\$4,635	-	DS-3HTS	24.8	430	92.4	11.1/29.6	-
	1800/900 (1)	575	286T	HVV25PL9G?	\$5,330	\$5,515	DS-3HTL	24.8	430	92.4	9.0/23.8	-
	1200/600 (1)	200	326T	HVV25PL36H?	\$8,157	\$8,392	DS-3HTL	28.3	600	91.7	33.0/69.0	-
	1200/600 (1)	460	326T	HVV25PL36C?	\$7,553	\$7,788	DS-3HTL	28.3	600	92.4	15.7/30.0	-
	1200/600 (1)	575	326T	HVV25PL36G?	\$8,685	\$8,920	DS-3HTL	28.3	600	92.4	12.7/24.1	-
30 (7-1/2)	1800/900 (1)	200	324T	HVV30PL9H?	\$5,285	\$5,520	DS-3HTL	27.3	605	92.4	30.0/81.0	-
	1800/900 (1)	460	324T	HVV30PL9C?	\$4,893	\$5,128	DS-3HTL	27.3	605	92.4	12.6/35.0	-
	1800/900 (1)	575	324T	HVV30PL9G?	\$5,627	\$5,862	DS-3HTL	27.3	605	93.0	10.5/28.1	-
	1200/600 (1)	200	364T	HVV30PL36H?	\$8,612	\$8,872	DS-3HTL	29.4	790	92.4	32.0/90.0	-
	1200/600 (1)	460	364T	HVV30PL36C?	\$7,974	\$8,234	DS-3HTL	29.4	790	92.4	14.0/41.0	-
	1200/600 (1)	575	364T	HVV30PL36G?	\$9,170	\$9,430	DS-3HTL	29.4	790	92.4	11.3/33.0	-
	40 (10)	1800/900 (1)	200	326T	HVV40PL9H?	\$6,672	\$6,907	DS-3HTL	28.3	620	93.0	39.0/106.0
1800/900 (1)		460	326T	HVV40PL9C?	\$6,178	\$6,413	DS-3HTL	28.3	620	93.0	16.7/46.0	-
1800/900 (1)		575	326T	HVV40PL9G?	\$7,105	\$7,340	DS-3HTL	28.3	620	92.4	13.3/37.0	-
1200/600 (1)		200	364T	HVV40PL36H?	\$10,873	\$11,133	DS-3HTL	29.4	875	91.7	41.0/126.0	-
1200/600 (1)		460	364T	HVV40PL36C?	\$10,068	\$10,328	DS-3HTL	29.4	875	91.7	17.8/54.0	-
1200/600 (1)		575	364T	HVV40PL36G?	\$11,578	\$11,838	DS-3HTL	29.4	875	91.0	14.3/43.0	-
50 (12-1/2)		1800/900 (1)	200	364T	HVV50PL9H?	\$7,787	\$8,047	DS-3HTL	29.4	830	93.6	45.0/136.0
	1800/900 (1)	460	364T	HVV50PL9C?	\$7,210	\$7,470	DS-3HTL	29.4	830	93.6	21.3/59.0	-
	1800/900 (1)	575	364T	HVV50PL9G?	\$8,291	\$8,551	DS-3HTL	29.4	830	93.6	15.7/47.0	-

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50 (12-1/2)	1200/600 (1)	200	365T	HVW50PL36H?	\$12,689	\$12,949	DS-3HTL	30.4	900	92.4	55.0/144.0	-
	1200/600 (1)	460	365T	HVW50PL36C?	\$11,749	\$12,009	DS-3HTL	30.4	900	93.0	22.9/61.0	-
	1200/600 (1)	575	365T	HVW50PL36G?	\$13,512	\$13,772	DS-3HTL	30.4	890	92.4	18.3/49.0	-
60 (15)	1800/900 (1)	200	365T	HVW60PL9H?	\$10,431	\$10,691	DS-3HTL	30.4	925	93.6	56.0/158.0	-
	1800/900 (1)	460	365T	HVW60PL9C?	\$9,658	\$9,918	DS-3HTL	30.4	925	94.1	24.9/69.0	-
	1800/900 (1)	460	365T	HVW60PL9C	\$9,658	-	DS-3HTS	30.4	925	94.1	24.9/69.0	-
	1800/900 (1)	575	365T	HVW60PL9G?	\$11,107	\$11,367	DS-3HTL	30.4	925	94.1	20.0/55.0	-
	1200/600 (1)	200	405T	HVW60PL36H?	\$16,999	\$17,349	DS-3HTL	33.9	1180	94.1	69.0/170.0	-
	1200/600 (1)	460	405T	HVW60PL36C?	\$15,740	\$16,090	DS-3HTL	33.9	1180	94.1	29.0/72.0	-
	1200/600 (1)	575	405T	HVW60PL36G?	\$18,101	\$18,451	DS-3HTL	33.9	1180	94.1	23.0/58.0	-
75 (18-3/4)	1800/900 (1)	200	405T	HVW75PL9H?	\$12,106	\$12,456	DS-3HTL	33.9	1350	94.1	68.0/196.0	-
	1800/900 (1)	460	405T	HVW75PL9C?	\$11,209	\$11,559	DS-3HTL	33.9	1280	94.1	30.0/86.0	-
	1800/900 (1)	460	405T	HVW75PL9C	\$11,209	-	DS-3HTS	33.9	1280	94.1	30.0/86.0	-
	1800/900 (1)	575	405T	HVW75PL9G?	\$12,890	\$13,240	DS-3HTL	33.9	1350	94.1	24.1/69.0	-
	1200/600 (1)	200	444T	HVW75PL36H?	\$19,728	\$20,128	DS-3HTL	37.9	1640	93.6	74.0/201.0	-
	1200/600 (1)	460	444T	HVW75PL36C?	\$18,266	\$18,666	DS-3HTL	37.9	1640	93.6	33.0/88.0	-
	1200/600 (1)	575	444T	HVW75PL36G?	\$21,006	\$21,406	DS-3HTL	37.9	1640	93.6	26.4/71.0	-
100 (25)	1800/900 (1)	200	444T	HVW100PL9H?	\$18,103	\$18,503	DS-3HTL	37.9	1640	94.1	88.0/261.0	-
	1800/900 (1)	460	444T	HVW100PL9C?	\$16,762	\$17,162	DS-3HTL	37.9	1640	94.1	39.0/114.0	-
	1800/900 (1)	575	444T	HVW100PL9G?	\$19,277	\$19,677	DS-3HTL	37.9	1640	93.6	32.0/92.0	-
	1200/600 (1)	200	445T	HVW100PL36H?	\$29,502	\$29,902	DS-3HTL	40.0	1750	94.5	129.0/294.0	-
	1200/600 (1)	460	445T	HVW100PL36C?	\$27,317	\$27,717	DS-3HTL	40.0	1750	94.1	55.0/127.0	-
	1200/600 (1)	575	445T	HVW100PL36G?	\$31,414	\$31,814	DS-3HTL	40.0	1660	94.1	45.0/104.0	-

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