

ReadyLine® Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), Premium Efficient, 2-Speed, 2-Winding, 2-100 HP



GENERAL PURPOSE UNIMOUNT™
 GENERAL PURPOSE HOSTILE DUTY
 GENERAL PURPOSE CORRO-DUTY™
 GENERAL PURPOSE 841 PLUS™
 GENERAL PURPOSE e-LINE™
 GENERAL PURPOSE OPEN DRIPPROOF™
 GENERAL PURPOSE HAZARDOUS LOCATION™
 GENERAL PURPOSE AUTOMOTIVE DUTY™
 COOLING TOWER DUTY™
 HAZARDOUS LOCATION™
 C-FACE MOTORS™
 VARIABLE FREQUENCY™

APPLICATIONS:

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 high humidity.

FEATURES:

- Double Dip & Bake, 100% Solids, Polyester Insulation On Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame
- Bearing Isolators on "wet" end for vertical mounting positions
- Double-Sealed, same-size bearings both ends
- 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
- Meets IEC 34-5 Classification IP55
- Includes CORRO-DUTY® Motor Paint and Rotor Treatment

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	\$263	\$328	\$358	\$490	\$514	\$538	\$561	\$597	\$609
Thermistor	\$585	\$585	\$585	\$585	\$585	\$585	\$585	\$585	\$585
Shaft Grounding	\$825	\$853	\$879	\$905	\$987	\$1,067	\$1,191	\$1,859	\$2,322

List A: For mounting positions F1, F2, C1, C2, W1, W2, W3, W4. 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 (2)	200	184T	HVW2PK9H	\$1,707	\$1,832	DS-3HTL	15.5	100	84.0	7.0/3.5	
	1800/900 (2)	460	184T	HVW2PK9C	\$1,580	\$1,705	DS-3HTL	15.5	100	84.0	3.4/1.7	
	1800/900 (2)	575	184T	HVW2PK9G	\$1,818	\$1,943	DS-3HTL	15.5	100	84.0	2.7/1.4	
	1200/600 (2)	200	215T	HVW2PK36H	\$2,366	\$2,503	DS-3HTL	19.1	220	82.5	8.3/5.0	
	1200/600 (2)	460	215T	HVW2PK36C	\$2,192	\$2,329	DS-3HTL	19.1	175	81.5	3.7/2.3	
	1200/600 (2)	575	215T	HVW2PK36G	\$2,520	\$2,657	DS-3HTL	19.1	220	82.5	2.8/1.8	
3 (3/4)	1800/900 (2)	200	213T	HVW3PK9H	\$2,569	\$2,706	DS-3HTL	19.1	110	87.5	9.2/9.3	
	1800/900 (2)	460	213T	HVW3PK9C	\$2,379	\$2,516	DS-3HTL	19.1	110	87.5	4.3/4.3	
	1800/900 (2)	575	213T	HVW3PK9G	\$2,736	\$2,873	DS-3HTL	19.1	110	86.5	3.5/3.5	
	1200/600 (2)	200	254T	HVW3PK36H	\$3,562	\$3,736	DS-3HTL	25.5	300	86.5	10.3/4.4	
	1200/600 (2)	460	254T	HVW3PK36C	\$3,298	\$3,472	DS-3HTL	25.5	300	85.5	4.3/2.1	
	1200/600 (2)	575	254T	HVW3PK36G	\$3,794	\$3,968	DS-3HTL	25.5	300	85.5	3.4/1.7	
5 (1-1/4)	1800/900 (2)	200	215T	HVW5PK9H	\$2,680	\$2,817	DS-3HTL	19.1	225	88.5	14.7/6.9	
	1800/900 (2)	460	215T	HVW5PK9C	\$2,482	\$2,619	DS-3HTL	19.1	175	87.5	6.6/4.3	
	1800/900 (2)	575	215T	HVW5PK9G	\$2,855	\$2,992	DS-3HTL	19.1	225	87.5	5.4/2.8	
	1200/600 (2)	200	256T	HVW5PK36H	\$3,716	\$3,890	DS-3HTL	25.5	360	86.5	16.4/8.0	
	1200/600 (2)	460	256T	HVW5PK36C	\$3,441	\$3,615	DS-3HTL	25.5	360	86.5	8.6/4.1	
	1200/600 (2)	575	256T	HVW5PK36G	\$3,957	\$4,131	DS-3HTL	25.5	360	86.5	6.9/3.2	
7-1/2 (1-3/4)	1800/900 (2)	200	254T	HVW7PK9H	\$3,692	\$3,866	DS-3HTL	25.5	340	91.0	21.8/8.8	
	1800/900 (2)	460	254T	HVW7PK9C	\$3,419	\$3,593	DS-3HTL	25.5	340	91.7	9.4/3.8	
	1800/900 (2)	575	254T	HVW7PK9G	\$3,931	\$4,105	DS-3HTL	25.5	340	91.0	7.5/2.9	
	1200/600 (2)	200	284T	HVW7PK36H	\$5,118	\$5,339	DS-3HTL	27.0	390	88.5	26.7/12.3	
	1200/600 (2)	460	284T	HVW7PK36C	\$4,740	\$4,961	DS-3HTL	27.0	390	87.5	12.2/5.7	
	1200/600 (2)	575	284T	HVW7PK36G	\$5,450	\$5,671	DS-3HTL	27.0	390	86.5	10.3/4.8	

* W6 & W7 mounting not available on Totally Enclosed Fan Cooled (TEFC) Motors.

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CTEN

List A: For mounting positions F1, F2, C1, C2, W1, W2, W3, W4. 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 (2)	200	256T	HVV10PK9H	\$4,370	\$4,544	DS-3HTL	25.5	360	91.7	27.5/12	
	1800/900 (2)	460	256T	HVV10PK9C	\$4,047	\$4,221	DS-3HTL	25.5	360	91.7	12.0/5.2	
	1800/900 (2)	575	256T	HVV10PK9G	\$4,654	\$4,828	DS-3HTL	25.5	360	91.7	9.8/4.1	
	1200/600 (2)	200	286T	HVV10PK36H	\$6,058	\$6,279	DS-3HTL	27.0	440	88.5	29.9/12.6	
	1200/600 (2)	460	286T	HVV10PK36C	\$5,610	\$5,831	DS-3HTL	27.0	440	89.5	15.0/7.2	
	1200/600 (2)	575	286T	HVV10PK36G	\$6,451	\$6,672	DS-3HTL	27.0	440	89.5	11.3/5.5	
15(3-3/4)	1800/900 (2)	200	284T	HVV15PK9H	\$6,273	\$6,494	DS-3HTL	27.0	390	91.0	44/16.1	
	1800/900 (2)	460	284T	HVV15PK9C	\$5,809	\$6,030	DS-3HTL	27.0	390	92.4	24.3/8.9	
	1800/900 (2)	575	284T	HVV15PK9G	\$6,679	\$6,900	DS-3HTL	27.0	400	92.4	14.8/5.6	
	1200/600 (2)	200	324T	HVV15PK36H	\$8,697	\$8,978	DS-3HTL	30.6	600	90.2	43/17.3	
	1200/600 (2)	460	324T	HVV15PK36C	\$8,053	\$8,334	DS-3HTL	30.6	600	89.5	18.8/7.5	
	1200/600 (2)	575	324T	HVV15PK36G	\$9,261	\$9,542	DS-3HTL	30.6	600	89.5	15.0/5.9	
20(5)	1800/900 (2)	200	286T	HVV20PK9H	\$7,176	\$7,397	DS-3HTL	27.0	440	92.4	56/20.4	
	1800/900 (2)	460	286T	HVV20PK9C	\$6,645	\$6,866	DS-3HTL	27.0	440	92.4	24.3/8.9	
	1800/900 (2)	575	286T	HVV20PK9G	\$7,641	\$7,862	DS-3HTL	27.0	440	91.7	20.4/7.7	
	1200/600 (2)	200	326T	HVV20PK36H	\$9,949	\$10,230	DS-3HTL	30.6	610	91.0	62/24.2	
	1200/600 (2)	460	326T	HVV20PK36C	\$9,212	\$9,493	DS-3HTL	30.6	610	91.0	26.1/10.9	
	1200/600 (2)	575	326T	HVV20PK36G	\$10,594	\$10,875	DS-3HTL	30.6	610	90.2	20.2/8.3	
25(6-1/4)	1800/900 (2)	200	324T	HVV25PK9H	\$9,743	\$10,024	DS-3HTL	30.6	600	91.7	71/28	
	1800/900 (2)	460	324T	HVV25PK9C	\$9,022	\$9,303	DS-3HTL	30.6	600	92.4	31/11.2	
	1800/900 (2)	575	324T	HVV25PK9G	\$10,374	\$10,655	DS-3HTL	30.6	610	92.4	24.0/8.2	
	1200/600 (2)	200	364T	HVV25PK36H	\$13,507	\$13,817	DS-3HTL	33.6	810	91.7	73/31	
	1200/600 (2)	460	364T	HVV25PK36C	\$12,507	\$12,817	DS-3HTL	33.6	810	91.0	35/13.0	
	1200/600 (2)	575	364T	HVV25PK36G	\$14,382	\$14,692	DS-3HTL	33.6	810	91.0	26.7/11.0	
30(7-1/2)	1800/900 (2)	200	326T	HVV30PK9H	\$10,287	\$10,568	DS-3HTL	30.6	625	92.4	81/30	
	1800/900 (2)	460	326T	HVV30PK9C	\$9,525	\$9,806	DS-3HTL	30.6	625	93.6	36/15.2	
	1800/900 (2)	575	326T	HVV30PK9G	\$10,953	\$11,234	DS-3HTL	30.6	625	93.0	29.3/11.4	
	1200/600 (2)	200	365T	HVV30PK36H	\$14,260	\$14,570	DS-3HTL	33.6	925	91.7	86/32	
	1200/600 (2)	460	365T	HVV30PK36C	\$13,205	\$13,515	DS-3HTL	33.6	925	90.2	38/14.4	
	1200/600 (2)	575	365T	HVV30PK36G	\$15,185	\$15,495	DS-3HTL	33.6	810	91.0	32/11.7	
40(10)	1800/900 (2)	200	364T	HVV40PK9H	\$12,987	\$13,297	DS-3HTL	33.6	810	92.4	118/38	
	1800/900 (2)	460	364T	HVV40PK9C	\$12,026	\$12,336	DS-3HTL	33.6	820	93.0	50/18.5	
	1800/900 (2)	575	364T	HVV40PK9G	\$13,820	\$14,130	DS-3HTL	33.6	820	93.0	40/15.2	
	1200/600 (2)	200	404T	HVV40PK36H	\$18,005	\$18,424	DS-3HTL	37.7	1050	92.4	126/45	
	1200/600 (2)	460	404T	HVV40PK36C	\$16,672	\$17,091	DS-3HTL	37.7	1050	91.0	50/18.9	
	1200/600 (2)	575	404T	HVV40PK36G	\$19,172	\$19,591	DS-3HTL	37.7	925	91.7	42/15.8	
50(12-1/2)	1800/900 (2)	200	365T	HVV50PK9H	\$15,156	\$15,466	DS-3HTL	33.6	925	93.6	136/47	
	1800/900 (2)	460	365T	HVV50PK9C	\$14,034	\$14,344	DS-3HTL	33.6	925	94.5	58/22.5	
	1800/900 (2)	575	365T	HVV50PK9G	\$16,139	\$16,449	DS-3HTL	33.6	925	93.6	47/15.7	
	1200/600 (2)	200	405T	HVV50PK36H	\$21,013	\$21,432	DS-3HTL	37.7	1260	93.0	146/59	
	1200/600 (2)	460	405T	HVV50PK36C	\$19,456	\$19,875	DS-3HTL	37.7	1260	92.4	63/26.8	
	1200/600 (2)	575	405T	HVV50PK36G	\$22,374	\$22,793	DS-3HTL	37.7	1080	92.4	51/22.2	

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List A: For mounting positions F1, F2, C1, C2, W1, W2, W3, W4. 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
60 (15)	1800/900 (2)	200	405T	HVW60PK9H	\$20,304	\$20,723	DS-3HTL	37.7	1260	94.5	170/58	
	1800/900 (2)	460	405T	HVW60PK9C	\$18,801	\$19,220	DS-3HTL	37.7	1260	94.5	74/26.5	
	1800/900 (2)	575	405T	HVW60PK9G	\$21,621	\$22,040	DS-3HTL	37.7	1260	94.5	59/21.9	
	1200/600 (2)	200	444T	HVW60PK36H	\$28,149	\$28,627	DS-3HTL	45.4	1660	93.0	178/61	
	1200/600 (2)	460	444T	HVW60PK36C	\$26,064	\$26,542	DS-3HTL	45.4	1660	92.4	76/28.1	
	1200/600 (2)	575	444T	HVW60PK36G	\$29,973	\$30,451	DS-3HTL	45.4	1260	91.0	64/22.7	
75 (18-3/4)	1800/900 (2)	200	405T	HVW75PK9H	\$23,564	\$23,983	DS-3HTL	37.7	1350	94.5	205/74	
	1800/900 (2)	460	405T	HVW75PK9C	\$21,818	\$22,237	DS-3HTL	37.7	1660	94.5	89/30	
	1800/900 (2)	575	405T	HVW75PK9G	\$25,091	\$25,510	DS-3HTL	37.7	1660	94.5	71/25.1	
	1200/600 (2)	200	445T	HVW75PK36H	\$32,668	\$33,146	DS-3HTL	45.4	1750	93.6	255/92	
	1200/600 (2)	460	445T	HVW75PK36C	\$30,248	\$30,726	DS-3HTL	45.4	1750	94.1	105/42	
	1200/600 (2)	575	445T	HVW75PK36G	\$34,785	\$35,263	DS-3HTL	45.4	1750	93.6	89/35	
100 (25)	1800/900 (2)	200	445T	HVW100PK9H	\$35,239	\$35,717	DS-3HTL	45.4	1750	94.5	280/91	
	1800/900 (2)	460	445T	HVW100PK9C	\$32,629	\$33,107	DS-3HTL	45.4	1750	94.5	115/38	
	1800/900 (2)	575	445T	HVW100PK9G	\$37,522	\$38,000	DS-3HTL	45.4	1750	94.5	94/32	
	1200/600 (2)	200	447T	HVW100PK36H	\$48,853	\$49,331	DS-3HTL	48.9	2100	93.6	303/145	
	1200/600 (2)	460	447T	HVW100PK36C	\$45,235	\$45,713	DS-3HTL	48.9	2100	94.1	139/66	
	1200/600 (2)	575	447T	HVW100PK36G	\$52,019	\$52,497	DS-3HTL	48.9	1675	94.1	111/55	

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Minimum Air Velocity Required for TEAO Models

Horsepower	Velocity (FPM) 4 Pole	Velocity (FPM) 6 Pole	Horsepower	Velocity (FPM) 4 Pole	Velocity (FPM) 6 Pole
2	1000	580	25	1500	950
3	1000	600	30	1600	1000
5	1054	700	40	1700	1100
7.5	1023	650	50	1800	1150
10	975	600	60	1800	1150
15	1500	650	75	2000	1300
20	1700	850	100	2000	1300

Note: Use 1/2 of these velocities for 8 Pole (900 RPM). Use the above velocities for 50 Hz motors (Customer to make adjustments for lower motor speed in order to maintain fan speed).



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