

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:

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
- Inverter Compatible: Exceeds NEMA® MG-1 Part 31 (10:1 Variable Torque)
- 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 | 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 | HVW2V2H | \$776 | \$865 | DS-3HTL | 11.1 | 70 | 86.5 | 6.6 | |
| | 1800 | 230/460 | 145T | HVW2V2E | \$719 | \$808 | DS-3HTL | 11.1 | 70 | 86.5 | 5.7/2.9 | |
| | 1800 | 575 | 145T | HVW2V2G | \$827 | \$916 | DS-3HTL | 11.1 | 70 | 86.5 | 2.3 | |
| | 1200 | 200 | 184T | HVW2V3H | \$1,436 | \$1,561 | DS-3HTL | 13.7 | 110 | 88.5 | 7.2 | |
| | 1200 | 230/460 | 184T | HVW2V3E | \$1,329 | \$1,454 | DS-3HTL | 13.7 | 110 | 88.5 | 6.2/3.1 | |
| | 1200 | 575 | 184T | HVW2V3G | \$1,529 | \$1,654 | DS-3HTL | 13.7 | 110 | 88.5 | 2.5 | |
| 3 | 1800 | 200 | 182T | HVW3V2H | \$1,168 | \$1,293 | DS-3HTL | 13.7 | 100 | 89.5 | 9.2 | |
| | 1800 | 230/460 | 182T | HVW3V2E | \$1,081 | \$1,206 | DS-3HTL | 13.7 | 100 | 89.5 | 7.9/3.9 | |
| | 1800 | 575 | 182T | HVW3V2G | \$1,243 | \$1,368 | DS-3HTL | 13.7 | 100 | 89.5 | 3.2 | |
| | 1200 | 200 | 213T | HVW3V3H | \$2,161 | \$2,298 | DS-3HTL | 16.3 | 160 | 89.5 | 10.1 | |
| | 1200 | 230/460 | 213T | HVW3V3E | \$2,001 | \$2,138 | DS-3HTL | 16.3 | 160 | 90.2 | 8.7/4.4 | |
| | 1200 | 575 | 213T | HVW3V3G | \$2,301 | \$2,438 | DS-3HTL | 16.3 | 160 | 89.5 | 3.5 | |
| 5 | 1800 | 200 | 184T | HVW5V2H | \$1,218 | \$1,343 | DS-3HTL | 13.7 | 110 | 89.5 | 14.4 | |
| | 1800 | 230/460 | 184T | HVW5V2E | \$1,129 | \$1,254 | DS-3HTL | 13.7 | 110 | 89.5 | 12.5/6.3 | |
| | 1800 | 575 | 184T | HVW5V2G | \$1,297 | \$1,422 | DS-3HTL | 13.7 | 110 | 89.5 | 5.0 | |
| | 1200 | 200 | 215T | HVW5V3H | \$2,254 | \$2,391 | DS-3HTL | 16.3 | 175 | 90.2 | 16.2 | |
| | 1200 | 230/460 | 215T | HVW5V3E | \$2,087 | \$2,224 | DS-3HTL | 16.3 | 175 | 90.2 | 14.0/7.0 | |
| | 1200 | 575 | 215T | HVW5V3G | \$2,400 | \$2,537 | DS-3HTL | 16.3 | 175 | 90.2 | 5.6 | |
| 7-1/2 | 1800 | 200 | 213T | HVW7V2H | \$1,678 | \$1,815 | DS-3HTL | 16.3 | 160 | 91.7 | 21.1 | |
| | 1800 | 230/460 | 213T | HVW7V2E | \$1,554 | \$1,691 | DS-3HTL | 16.3 | 160 | 91.7 | 18.5/9.3 | |
| | 1800 | 575 | 213T | HVW7V2G | \$1,787 | \$1,924 | DS-3HTL | 16.3 | 160 | 91.7 | 7.5 | |
| | 1200 | 200 | 254T | HVW7V3H | \$3,104 | \$3,278 | DS-3HTL | 22.1 | 300 | 91.0 | 21.5 | |
| | 1200 | 230/460 | 254T | HVW7V3E | \$2,875 | \$3,049 | DS-3HTL | 22.1 | 300 | 91.0 | 18.6/9.3 | |
| | 1200 | 575 | 254T | HVW7V3G | \$3,306 | \$3,480 | DS-3HTL | 22.1 | 300 | 91.0 | 7.5 | |

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

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



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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 | RPM | Voltage | Frame | Catalog Number | List A | List B | Discount Symbol | "C" Dim. (inches) | Ship Wt. (lbs.) | Full Load Eff. | Full Load Amps | Notes |
|----|------|---------|-------|----------------|----------|----------|-----------------|-------------------|-----------------|----------------|----------------|-------|
| 10 | 1800 | 200 | 215T | HVV10V2H | \$1,986 | \$2,123 | DS-3HTL | 16.3 | 175 | 91.7 | 27.3 | |
| | 1800 | 230/460 | 215T | HVV10V2E | \$1,839 | \$1,976 | DS-3HTL | 16.3 | 175 | 91.7 | 23.8/11.9 | |
| | 1800 | 575 | 215T | HVV10V2G | \$2,115 | \$2,252 | DS-3HTL | 16.3 | 180 | 91.7 | 9.6 | |
| | 1200 | 200 | 256T | HVV10V3H | \$3,675 | \$3,849 | DS-3HTL | 22.1 | 340 | 91.0 | 28.3 | |
| | 1200 | 230/460 | 256T | HVV10V3E | \$3,403 | \$3,577 | DS-3HTL | 22.1 | 360 | 91.7 | 24.5/12.3 | |
| | 1200 | 575 | 256T | HVV10V3G | \$3,913 | \$4,087 | DS-3HTL | 22.1 | 340 | 91.0 | 9.8 | |
| 15 | 1800 | 200 | 254T | HVV15V2H | \$2,851 | \$3,025 | DS-3HTL | 22.1 | 300 | 92.4 | 42.0 | |
| | 1800 | 230/460 | 254T | HVV15V2E | \$2,640 | \$2,814 | DS-3HTL | 22.1 | 300 | 92.4 | 37.0/18.4 | |
| | 1800 | 575 | 254T | HVV15V2G | \$3,036 | \$3,210 | DS-3HTL | 22.1 | 300 | 92.4 | 14.4 | |
| | 1200 | 200 | 284T | HVV15V3H | \$5,275 | \$5,496 | DS-3HTL | 24.8 | 385 | 91.7 | 43.0 | |
| | 1200 | 230/460 | 284T | HVV15V3E | \$4,884 | \$5,105 | DS-3HTL | 24.8 | 390 | 91.7 | 37.0/18.6 | |
| | 1200 | 575 | 284T | HVV15V3G | \$5,617 | \$5,838 | DS-3HTL | 24.8 | 385 | 91.7 | 14.8 | |
| 20 | 1800 | 200 | 256T | HVV20V2H | \$3,262 | \$3,436 | DS-3HTL | 22.1 | 360 | 93.0 | 54.0 | |
| | 1800 | 230/460 | 256T | HVV20V2E | \$3,021 | \$3,195 | DS-3HTL | 22.1 | 360 | 93.0 | 47.0/23.7 | |
| | 1800 | 575 | 256T | HVV20V2G | \$3,473 | \$3,647 | DS-3HTL | 22.1 | 360 | 93.0 | 19.1 | |
| | 1200 | 200 | 286T | HVV20V3H | \$6,034 | \$6,255 | DS-3HTL | 24.8 | 420 | 91.7 | 56.0 | |
| | 1200 | 230/460 | 286T | HVV20V3E | \$5,588 | \$5,809 | DS-3HTL | 24.8 | 420 | 91.7 | 49.0/24.5 | |
| | 1200 | 575 | 286T | HVV20V3G | \$6,426 | \$6,647 | DS-3HTL | 24.8 | 420 | 91.7 | 19.6 | |
| 25 | 1800 | 200 | 284T | HVV25V2H | \$4,429 | \$4,650 | DS-3HTL | 24.8 | 390 | 93.6 | 67.0 | |
| | 1800 | 230/460 | 284T | HVV25V2E | \$4,101 | \$4,322 | DS-3HTL | 24.8 | 390 | 93.6 | 60.0/29.8 | |
| | 1800 | 575 | 284T | HVV25V2G | \$4,716 | \$4,937 | DS-3HTL | 24.8 | 390 | 93.6 | 23.3 | |
| | 1200 | 200 | 324T | HVV25V3H | \$8,193 | \$8,474 | DS-3HTL | 28.3 | 555 | 93.0 | 68.0 | |
| | 1200 | 230/460 | 324T | HVV25V3E | \$7,586 | \$7,867 | DS-3HTL | 28.3 | 555 | 93.0 | 59.0/29.3 | |
| | 1200 | 575 | 324T | HVV25V3G | \$8,724 | \$9,005 | DS-3HTL | 28.3 | 590 | 93.0 | 23.6 | |
| 30 | 1800 | 200 | 286T | HVV30V2H | \$4,676 | \$4,897 | DS-3HTL | 24.8 | 440 | 93.6 | 79.0 | |
| | 1800 | 230/460 | 286T | HVV30V2E | \$4,330 | \$4,551 | DS-3HTL | 24.8 | 440 | 93.6 | 69.0/34.0 | |
| | 1800 | 575 | 286T | HVV30V2G | \$4,978 | \$5,199 | DS-3HTL | 24.8 | 440 | 93.6 | 27.6 | |
| | 1200 | 200 | 326T | HVV30V3H | \$8,650 | \$8,931 | DS-3HTL | 28.3 | 610 | 93.0 | 80.0 | |
| | 1200 | 230/460 | 326T | HVV30V3E | \$8,009 | \$8,290 | DS-3HTL | 28.3 | 610 | 93.0 | 70.0/35.0 | |
| | 1200 | 575 | 326T | HVV30V3G | \$9,210 | \$9,491 | DS-3HTL | 28.3 | 610 | 93.0 | 28.2 | |
| 40 | 1800 | 200 | 324T | HVV40V2H | \$5,903 | \$6,184 | DS-3HTL | 28.3 | 600 | 94.1 | 105.0 | |
| | 1800 | 230/460 | 324T | HVV40V2E | \$5,466 | \$5,747 | DS-3HTL | 28.3 | 600 | 94.1 | 92.0/46.0 | |
| | 1800 | 575 | 324T | HVV40V2G | \$6,286 | \$6,567 | DS-3HTL | 28.3 | 600 | 94.1 | 37.0 | |
| | 1200 | 200 | 364T | HVV40V3H | \$10,921 | \$11,231 | DS-3HTL | 30.4 | 800 | 94.1 | 107.0 | |
| | 1200 | 230/460 | 364T | HVV40V3E | \$10,112 | \$10,422 | DS-3HTL | 30.4 | 800 | 94.1 | 93.0/46.0 | |
| | 1200 | 575 | 364T | HVV40V3G | \$11,629 | \$11,939 | DS-3HTL | 30.4 | 800 | 94.1 | 37.0 | |
| 50 | 1800 | 200 | 326T | HVV50V2H | \$6,890 | \$7,171 | DS-3HTL | 28.3 | 625 | 94.5 | 130.0 | |
| | 1800 | 230/460 | 326T | HVV50V2E | \$6,380 | \$6,661 | DS-3HTL | 28.3 | 625 | 94.5 | 112.0/56.0 | |
| | 1800 | 575 | 326T | HVV50V2G | \$7,336 | \$7,617 | DS-3HTL | 28.3 | 625 | 94.5 | 45.0 | |
| | 1200 | 200 | 365T | HVV50V3H | \$12,745 | \$13,055 | DS-3HTL | 30.4 | 890 | 94.1 | 134.0 | |
| | 1200 | 230/460 | 365T | HVV50V3E | \$11,801 | \$12,111 | DS-3HTL | 30.4 | 925 | 94.1 | 116.0/58.0 | |
| | 1200 | 575 | 365T | HVV50V3G | \$13,571 | \$13,881 | DS-3HTL | 30.4 | 925 | 94.1 | 46.0 | |

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ReadyLine® Cooling Tower Duty, Three Phase, Totally Enclosed Air Over (TEAO), NEMA Premium^{®†}, Inverter Duty, 10:1 (6-60Hz Variable Torque), 2-100 HP

**NEMA
Premium**



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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 | RPM | Voltage | Frame | Catalog Number | List A | List B | Discount Symbol | "C" Dim. (inches) | Ship Wt. (lbs.) | Full Load Eff. | Full Load Amps | Notes |
|-----|------|---------|-------|----------------|----------|----------|-----------------|-------------------|-----------------|----------------|----------------|-------|
| 60 | 1800 | 200 | 364T | HVW60V2H | \$9,229 | \$9,539 | DS-3HTL | 30.4 | 830 | 95.0 | 159.0 | |
| | 1800 | 230/460 | 364T | HVW60V2E | \$8,545 | \$8,855 | DS-3HTL | 30.4 | 830 | 95.0 | 137.0/69.0 | |
| | 1800 | 575 | 364T | HVW60V2G | \$9,790 | \$10,100 | DS-3HTL | 30.4 | 830 | 95.0 | 55.0 | |
| | 1200 | 200 | 404T | HVW60V3H | \$17,073 | \$17,492 | DS-3HTL | 33.9 | 1160 | 94.5 | 161.0 | |
| | 1200 | 230/460 | 404T | HVW60V3E | \$15,810 | \$16,229 | DS-3HTL | 33.9 | 1200 | 94.5 | 140.0/70.0 | |
| | 1200 | 575 | 404T | HVW60V3G | \$18,181 | \$18,600 | DS-3HTL | 33.9 | 1200 | 94.5 | 56.0 | |
| 75 | 1800 | 200 | 365T | HVW75V2H | \$10,711 | \$11,021 | DS-3HTL | 30.4 | 910 | 95.4 | 193.0 | |
| | 1800 | 230/460 | 365T | HVW75V2E | \$9,917 | \$10,227 | DS-3HTL | 30.4 | 920 | 95.4 | 169.0/84.0 | |
| | 1800 | 575 | 365T | HVW75V2G | \$11,405 | \$11,715 | DS-3HTL | 30.4 | 900 | 95.4 | 68.0 | |
| | 1200 | 200 | 405T | HVW75V3H | \$19,815 | \$20,234 | DS-3HTL | 33.9 | 1260 | 94.5 | 201.0 | |
| | 1200 | 230/460 | 405T | HVW75V3E | \$18,347 | \$18,766 | DS-3HTL | 33.9 | 1260 | 94.5 | 173.0/87.0 | |
| | 1200 | 575 | 405T | HVW75V3G | \$21,099 | \$21,518 | DS-3HTL | 33.9 | 1260 | 94.5 | 70.0 | |
| 100 | 1800 | 200 | 405T | HVW100V2H | \$16,018 | \$16,437 | DS-3HTL | 33.9 | 1260 | 95.4 | 261.0 | |
| | 1800 | 230/460 | 405T | HVW100V2E | \$14,831 | \$15,250 | DS-3HTL | 33.9 | 1260 | 95.4 | 226.0/113.0 | |
| | 1800 | 575 | 405T | HVW100V2G | \$17,055 | \$17,474 | DS-3HTL | 33.9 | 1260 | 95.4 | 91.0 | |
| | 1200 | 200 | 444T | HVW100V3H | \$29,632 | \$30,110 | DS-3HTL | 39.9 | 1635 | 95.0 | 284.0 | |
| | 1200 | 230/460 | 444T | HVW100V3E | \$27,438 | \$27,916 | DS-3HTL | 39.9 | 1635 | 95.0 | 248.0/124.0 | |
| | 1200 | 575 | 444T | HVW100V3G | \$31,552 | \$32,030 | DS-3HTL | 39.9 | 1660 | 95.0 | 99.0 | |

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