

# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



## World Motor Cooling Tower Duty, Premium Efficient, 2 Speed, 1 Winding Utilize for Multi-Speed Only

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector
- \* Lifting Provisions On 180 Frame And Up

- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Space Heater

| HP  | RPM @ 60 Hertz |      |          |          |          |          |          |          |       |      |       |      |       |      |
|-----|----------------|------|----------|----------|----------|----------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800/900 |          |          | 1200/600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame    | List A   | List B   | Frame    | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 145      | \$941    | \$1,030  | 213      | \$1,535  | \$1,672  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 182      | \$1,418  | \$1,543  | 215      | \$2,310  | \$2,447  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 184      | \$1,479  | \$1,604  | 254      | \$2,409  | \$2,583  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 213      | \$2,037  | \$2,174  | 256      | \$3,319  | \$3,493  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 215      | \$2,410  | \$2,547  | 284      | \$3,929  | \$4,150  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 254      | \$3,460  | \$3,634  | 286      | \$5,639  | \$5,860  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 256      | \$3,958  | \$4,132  | 324      | \$6,451  | \$6,732  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 286      | \$5,375  | \$5,596  | 326      | \$8,759  | \$9,040  | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 324      | \$5,675  | \$5,956  | 364      | \$9,247  | \$9,557  | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 326      | \$7,164  | \$7,445  | 364      | \$11,676 | \$11,986 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 364      | \$8,361  | \$8,671  | 365      | \$13,625 | \$13,935 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 365      | \$11,200 | \$11,510 | 405      | \$18,252 | \$18,671 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405      | \$12,998 | \$13,417 | 444      | \$21,182 | \$21,660 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 444      | \$19,438 | \$19,916 | 445      | \$31,678 | \$32,156 | —     | —    | —     | —    | —     | —    |

\* 50 Hertz 661 PLUS<sup>®</sup> Motors Require Special Tagging. Make Adder For Special I.D. Nameplate.  
 \* 720 & 600 RPM 841 PLUS<sup>®</sup> Motors Require Special Tagging. Make Adder For Special I.D. Nameplate.  
 \* Designed To Meet The GM7E-TA Specification.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3CTMW**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



## World Motor Cooling Tower Duty, Premium Efficient, 2 Speed, 2 Winding Utilize for Multi-Speed Only

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector
- \* Lifting Provisions On 180 Frame And Up

- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Space Heater

| HP  | RPM @ 60 Hertz |      |          |          |          |          |          |          |       |      |       |      |       |      |
|-----|----------------|------|----------|----------|----------|----------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800/900 |          |          | 1200/600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame    | List A   | List B   | Frame    | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 184      | \$1,535  | \$1,660  | 215      | \$2,127  | \$2,264  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 213      | \$2,310  | \$2,447  | 254      | \$3,202  | \$3,376  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 215      | \$2,409  | \$2,546  | 256      | \$3,341  | \$3,515  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 254      | \$3,319  | \$3,493  | 284      | \$4,601  | \$4,822  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 256      | \$3,929  | \$4,103  | 286      | \$5,447  | \$5,668  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 284      | \$5,639  | \$5,860  | 324      | \$7,818  | \$8,099  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 286      | \$6,451  | \$6,672  | 326      | \$8,944  | \$9,225  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 324      | \$8,759  | \$9,040  | 364      | \$12,143 | \$12,453 | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 326      | \$9,247  | \$9,528  | 365      | \$12,820 | \$13,130 | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 364      | \$11,676 | \$11,986 | 404      | \$16,186 | \$16,186 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 365      | \$13,625 | \$13,935 | 405      | \$18,889 | \$19,308 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 405      | \$18,252 | \$18,671 | 444      | \$25,304 | \$25,782 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405      | \$21,182 | \$21,601 | 445      | \$29,367 | \$29,845 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 445      | \$31,678 | \$32,156 | 447      | \$43,917 | \$44,395 | —     | —    | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions.

\* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3CTMW**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



CTE Cooling Tower

## Cooling Tower Duty, Premium Efficient, 2 Speed, 1 Winding Utilize for Multi-Speed Only

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/OR Inpro/Seal<sup>®</sup>

- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55

| HP  | RPM @ 60 Hertz |      |            |          |          |            |          |          |       |      |       |      |       |      |
|-----|----------------|------|------------|----------|----------|------------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800 / 900 |          |          | 1200 / 600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame      | List A   | List B   | Frame      | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 145        | \$941    | \$1,030  | 213        | \$1,535  | \$1,672  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 182        | \$1,418  | \$1,543  | 215        | \$2,310  | \$2,447  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 184        | \$1,479  | \$1,604  | 254        | \$2,409  | \$2,583  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 213        | \$2,037  | \$2,174  | 256        | \$3,319  | \$3,493  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 215        | \$2,410  | \$2,547  | 284        | \$3,929  | \$4,150  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 254        | \$3,460  | \$3,634  | 286        | \$5,639  | \$5,860  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 256        | \$3,958  | \$4,132  | 324        | \$6,451  | \$6,732  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 286        | \$5,375  | \$5,596  | 326        | \$8,759  | \$9,040  | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 324        | \$5,675  | \$5,956  | 364        | \$9,247  | \$9,557  | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 326        | \$7,164  | \$7,445  | 364        | \$11,676 | \$11,986 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 364        | \$8,361  | \$8,671  | 365        | \$13,625 | \$13,935 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 365        | \$11,200 | \$11,510 | 405        | \$18,252 | \$18,671 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405        | \$12,998 | \$13,417 | 444        | \$21,182 | \$21,660 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 444        | \$19,438 | \$19,916 | 445        | \$31,678 | \$32,156 | —     | —    | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions. Includes Inpro/Seals<sup>®</sup>1 VBXX<sup>®</sup> Seals.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3HTFT, 3HTM**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



**Cooling Tower Duty, Premium Efficient, 2 Speed, 2 Winding  
Utilize for Multi-Speed Only**

**CTE Cooling Tower**

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/Or Inpro/Seal<sup>®</sup>

- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55

| HP  | RPM @ 60 Hertz |      |            |          |          |            |          |          |       |      |       |      |       |      |
|-----|----------------|------|------------|----------|----------|------------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800 / 900 |          |          | 1200 / 600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame      | List A   | List B   | Frame      | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 184        | \$1,535  | \$1,660  | 215        | \$2,127  | \$2,264  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 213        | \$2,310  | \$2,447  | 254        | \$3,202  | \$3,376  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 215        | \$2,409  | \$2,546  | 256        | \$3,341  | \$3,515  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 254        | \$3,319  | \$3,493  | 284        | \$4,601  | \$4,822  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 256        | \$3,929  | \$4,103  | 286        | \$5,447  | \$5,668  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 284        | \$5,639  | \$5,860  | 324        | \$7,818  | \$8,099  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 286        | \$6,451  | \$6,672  | 326        | \$8,944  | \$9,225  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 324        | \$8,759  | \$9,040  | 364        | \$12,143 | \$12,453 | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 326        | \$9,247  | \$9,528  | 365        | \$12,820 | \$13,130 | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 364        | \$11,676 | \$11,986 | 404        | \$16,186 | \$16,186 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 365        | \$13,625 | \$13,935 | 405        | \$18,889 | \$19,308 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 405        | \$18,252 | \$18,671 | 444        | \$25,304 | \$25,782 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405        | \$21,182 | \$21,601 | 445        | \$29,367 | \$29,845 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 445        | \$31,678 | \$32,156 | 447        | \$43,917 | \$44,395 | —     | —    | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions. Includes Inpro/Seals<sup>®</sup>1 VBXX<sup>®</sup> Seals.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3HTFT, 3HTM**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Air Over (TEAO)

## World Motor Cooling Tower Duty, Premium Efficient, 2 Speed, 1 Winding Utilize for Multi-Speed Only

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/Or Inpro/Seal<sup>®†</sup>
- \* Lifting Provisions On 180 Frame And Up

- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Space Heater

| HP  | RPM @ 60 Hertz |      |            |          |          |            |          |          |       |      |       |      |       |      |
|-----|----------------|------|------------|----------|----------|------------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800 / 900 |          |          | 1200 / 600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame      | List A   | List B   | Frame      | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 145        | \$970    | \$1,509  | 213        | \$1,580  | \$1,717  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 182        | \$1,460  | \$1,585  | 215        | \$2,379  | \$2,515  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 184        | \$1,523  | \$1,648  | 254        | \$2,482  | \$2,656  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 213        | \$2,097  | \$2,234  | 256        | \$3,419  | \$3,593  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 215        | \$2,483  | \$2,620  | 284        | \$4,047  | \$4,268  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 254        | \$3,564  | \$3,738  | 286        | \$5,809  | \$6,030  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 256        | \$4,078  | \$4,252  | 324        | \$6,645  | \$6,926  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 286        | \$5,536  | \$5,757  | 326        | \$9,022  | \$9,303  | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 324        | \$5,844  | \$6,125  | 364        | \$9,525  | \$9,835  | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 326        | \$7,379  | \$7,660  | 364        | \$12,026 | \$12,336 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 364        | \$8,612  | \$8,922  | 365        | \$14,034 | \$14,344 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 365        | \$11,536 | \$11,846 | 405        | \$18,801 | \$19,220 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405        | \$13,389 | \$13,808 | 444        | \$21,818 | \$22,296 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 444        | \$20,021 | \$20,499 | 445        | \$32,629 | \$33,107 | —     | —    | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions.

\* Air Velocity In Feet Per Minute Must Be Specified When Ordering TEAO Motors.

\* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3CTMW**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Air Over (TEAO)



## World Motor Cooling Tower Duty, Premium Efficient, 2 Speed, 2 Winding Utilize for Multi-Speed Only

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/Or Inpro/Seal<sup>®†</sup>
- \* Lifting Provisions On 180 Frame And Up

- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Space Heater

| HP  | RPM @ 60 Hertz |      |            |          |          |            |          |          |       |      |       |      |       |      |
|-----|----------------|------|------------|----------|----------|------------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800 / 900 |          |          | 1200 / 600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame      | List A   | List B   | Frame      | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 184        | \$1,580  | \$1,705  | 215        | \$2,192  | \$2,329  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 213        | \$2,379  | \$2,516  | 254        | \$3,298  | \$3,472  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 215        | \$2,482  | \$2,619  | 256        | \$3,441  | \$3,615  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 254        | \$3,419  | \$3,593  | 284        | \$4,740  | \$4,961  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 256        | \$4,047  | \$4,221  | 286        | \$5,610  | \$5,831  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 284        | \$5,809  | \$6,030  | 324        | \$8,053  | \$8,334  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 286        | \$6,645  | \$6,866  | 326        | \$9,212  | \$9,493  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 324        | \$9,022  | \$9,303  | 364        | \$12,507 | \$12,817 | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 326        | \$9,525  | \$9,806  | 365        | \$13,205 | \$13,515 | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 364        | \$12,026 | \$12,336 | 404        | \$16,672 | \$16,672 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 365        | \$14,034 | \$14,344 | 405        | \$19,456 | \$19,875 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 405        | \$18,801 | \$19,220 | 444        | \$26,064 | \$26,542 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405        | \$21,818 | \$21,818 | 445        | \$30,248 | \$30,726 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 445        | \$32,629 | \$33,107 | 447        | \$45,235 | \$45,713 | —     | —    | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions.  
 \* Air Velocity In Feet Per Minute Must Be Specified When Ordering TEAO Motors.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3CTMW**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Air Over (TEAO)

## Cooling Tower Duty, Premium Efficient, 2 Speed, 1 Winding Utilize for Multi-Speed Only

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/OR Inpro/Seal<sup>®†</sup>

- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55

| HP  | RPM @ 60 Hertz |      |            |          |          |            |          |          |       |      |       |      |       |      |
|-----|----------------|------|------------|----------|----------|------------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800 / 900 |          |          | 1200 / 600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame      | List A   | List B   | Frame      | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 145        | \$970    | \$1,509  | 213        | \$1,580  | \$1,717  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 182        | \$1,460  | \$1,585  | 215        | \$2,379  | \$2,515  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 184        | \$1,523  | \$1,648  | 254        | \$2,482  | \$2,656  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 213        | \$2,097  | \$2,234  | 256        | \$3,419  | \$3,593  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 215        | \$2,483  | \$2,620  | 284        | \$4,047  | \$4,268  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 254        | \$3,564  | \$3,738  | 286        | \$5,809  | \$6,030  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 256        | \$4,078  | \$4,252  | 324        | \$6,645  | \$6,926  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 286        | \$5,536  | \$5,757  | 326        | \$9,022  | \$9,303  | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 324        | \$5,844  | \$6,125  | 364        | \$9,525  | \$9,835  | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 326        | \$7,379  | \$7,660  | 364        | \$12,026 | \$12,336 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 364        | \$8,612  | \$8,922  | 365        | \$14,034 | \$14,344 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 365        | \$11,536 | \$11,846 | 405        | \$18,801 | \$19,220 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405        | \$13,389 | \$13,808 | 444        | \$21,818 | \$22,296 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 444        | \$20,021 | \$20,499 | 445        | \$32,629 | \$33,107 | —     | —    | —     | —    | —     | —    |

\* Air Velocity In Feet Per Minute Must Be Specified When Ordering TEAO Motors.  
 \* Use List B Pricing For W5,W8 Assembly Positions. Includes Inpro/Seals<sup>®†</sup> VBXX<sup>®†</sup> Seals.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3HTFT, 3HTM**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Air Over (TEAO)



## Cooling Tower Duty, Premium Efficient, 2 Speed, 2 Winding Utilize for Multi-Speed Only

CTEN Cooling Tower

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/OR Inpro/Seal<sup>®†</sup>

- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55

| HP  | RPM @ 60 Hertz |      |            |          |          |            |          |          |       |      |       |      |       |      |
|-----|----------------|------|------------|----------|----------|------------|----------|----------|-------|------|-------|------|-------|------|
|     | 3600           |      | 1800 / 900 |          |          | 1200 / 600 |          |          | 900   |      | 720   |      | 600   |      |
|     | Frame          | List | Frame      | List A   | List B   | Frame      | List A   | List B   | Frame | List | Frame | List | Frame | List |
| 2   | —              | —    | 184        | \$1,580  | \$1,705  | 215        | \$2,192  | \$2,329  | —     | —    | —     | —    | —     | —    |
| 3   | —              | —    | 213        | \$2,379  | \$2,516  | 254        | \$3,298  | \$3,472  | —     | —    | —     | —    | —     | —    |
| 5   | —              | —    | 215        | \$2,482  | \$2,619  | 256        | \$3,441  | \$3,615  | —     | —    | —     | —    | —     | —    |
| 7.5 | —              | —    | 254        | \$3,419  | \$3,593  | 284        | \$4,740  | \$4,961  | —     | —    | —     | —    | —     | —    |
| 10  | —              | —    | 256        | \$4,047  | \$4,221  | 286        | \$5,610  | \$5,831  | —     | —    | —     | —    | —     | —    |
| 15  | —              | —    | 284        | \$5,809  | \$6,030  | 324        | \$8,053  | \$8,334  | —     | —    | —     | —    | —     | —    |
| 20  | —              | —    | 286        | \$6,645  | \$6,866  | 326        | \$9,212  | \$9,493  | —     | —    | —     | —    | —     | —    |
| 25  | —              | —    | 324        | \$9,022  | \$9,303  | 364        | \$12,507 | \$12,817 | —     | —    | —     | —    | —     | —    |
| 30  | —              | —    | 326        | \$9,525  | \$9,806  | 365        | \$13,205 | \$13,515 | —     | —    | —     | —    | —     | —    |
| 40  | —              | —    | 364        | \$12,026 | \$12,336 | 404        | \$16,672 | \$16,672 | —     | —    | —     | —    | —     | —    |
| 50  | —              | —    | 365        | \$14,034 | \$14,344 | 405        | \$19,456 | \$19,875 | —     | —    | —     | —    | —     | —    |
| 60  | —              | —    | 405        | \$18,801 | \$19,220 | 444        | \$26,064 | \$26,542 | —     | —    | —     | —    | —     | —    |
| 75  | —              | —    | 405        | \$21,818 | \$21,818 | 445        | \$30,248 | \$30,726 | —     | —    | —     | —    | —     | —    |
| 100 | —              | —    | 445        | \$32,629 | \$33,107 | 447        | \$45,235 | \$45,713 | —     | —    | —     | —    | —     | —    |

\* Air Velocity In Feet Per Minute Must Be Specified When Ordering TEAO Motors.  
 \* Use List B Pricing For W5,W8 Assembly Positions. Includes Inpro/Seals<sup>®†</sup> VBXX<sup>®†</sup> Seals.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3HTFT, 3HTM**

† All marks shown within this document are properties of their respective owners.





# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



## World Motor Cooling Tower Duty, Inverter Duty, Premium Efficient - IE3 (Single Speed Only) Variable Torque 10:1 (6-60 Hz) Speed Range

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* INVERTER GRADE<sup>®</sup> With Insulation That Exceeds The NEMA<sup>®†</sup> MG-1 Part 31 Standard
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector
- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Space Heater
- \* Shaft Grounding Ring Available With Adder

| HP  | RPM @ 60 Hertz |      |       |          |          |       |          |          |       |         |         |       |      |       |      |
|-----|----------------|------|-------|----------|----------|-------|----------|----------|-------|---------|---------|-------|------|-------|------|
|     | 3600           |      | 1800  |          |          | 1200  |          |          | 900   |         |         | 720   |      | 600   |      |
|     | Frame          | List | Frame | List A   | List B   | Frame | List A   | List B   | Frame | List A  | List B  | Frame | List | Frame | List |
| 2   | —              | —    | 145   | \$698    | \$787    | 184   | \$1,290  | \$1,415  | 213   | \$1,930 | \$2,065 | —     | —    | —     | —    |
| 3   | —              | —    | 182   | \$1050   | \$1175   | 213   | \$1,942  | \$2,079  | 215   | \$3,070 | \$3,285 | —     | —    | —     | —    |
| 5   | —              | —    | 184   | \$1095   | \$1220   | 215   | \$2,026  | \$2,163  | 254   | \$3,192 | \$3,415 | —     | —    | —     | —    |
| 7.5 | —              | —    | 213   | \$1509   | \$1646   | 254   | \$2,791  | \$2,965  | 256   | \$4,265 | \$4,564 | —     | —    | —     | —    |
| 10  | —              | —    | 215   | \$1786   | \$1923   | 256   | \$3,304  | \$3,478  | 284   | \$4,855 | \$5,195 | —     | —    | —     | —    |
| 15  | —              | —    | 254   | \$2,563  | \$2,737  | 284   | \$4,742  | \$4,963  | 286   | \$7,185 | \$7,688 | —     | —    | —     | —    |
| 20  | —              | —    | 256   | \$2,932  | \$3,106  | 286   | \$5,425  | \$5,646  | —     | —       | —       | —     | —    | —     | —    |
| 25  | —              | —    | 284   | \$3,981  | \$4,202  | 324   | \$7,365  | \$7,646  | —     | —       | —       | —     | —    | —     | —    |
| 30  | —              | —    | 286   | \$4,203  | \$4,424  | 326   | \$7,776  | \$8,057  | —     | —       | —       | —     | —    | —     | —    |
| 40  | —              | —    | 324   | \$5,307  | \$5,588  | 364   | \$9,818  | \$10,128 | —     | —       | —       | —     | —    | —     | —    |
| 50  | —              | —    | 326   | \$6,193  | \$6,474  | 365   | \$11,457 | \$11,457 | —     | —       | —       | —     | —    | —     | —    |
| 60  | —              | —    | 364   | \$8,297  | \$8,607  | 404   | \$15,349 | \$15,768 | —     | —       | —       | —     | —    | —     | —    |
| 75  | —              | —    | 365   | \$9,628  | \$9,938  | 405   | \$17,813 | \$18,232 | —     | —       | —       | —     | —    | —     | —    |
| 100 | —              | —    | 405   | \$14,399 | \$14,818 | 444   | \$26,639 | \$27,117 | —     | —       | —       | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

DISCOUNT SYMBOL: DS-3CTMW

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Fan Cooled (TEFC)



## Cooling Tower Duty, Inverter Duty, Premium Efficient - IE3 (Single Speed Only) Variable Torque 10:1 (6-60 Hz) Speed Range

CTI Cooling Tower

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* INVERTER GRADE<sup>®</sup> With Insulation That Exceeds The NEMA<sup>®†</sup> MG-1 Part 31 Standard
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/Or Inpro/Seal<sup>®†</sup>
- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Shaft Grounding Ring Available With Adder

| HP  | RPM @ 60 Hertz |      |       |          |          |       |          |          |       |         |         |       |      |       |      |
|-----|----------------|------|-------|----------|----------|-------|----------|----------|-------|---------|---------|-------|------|-------|------|
|     | 3600           |      | 1800  |          |          | 1200  |          |          | 900   |         |         | 720   |      | 600   |      |
|     | Frame          | List | Frame | List A   | List B   | Frame | List A   | List B   | Frame | List A  | List B  | Frame | List | Frame | List |
| 2   | —              | —    | 145   | \$698    | \$787    | 184   | \$1,290  | \$1,415  | 213   | \$1,930 | \$2,065 | —     | —    | —     | —    |
| 3   | —              | —    | 182   | \$1050   | \$1175   | 213   | \$1,942  | \$2,079  | 215   | \$3,070 | \$3,285 | —     | —    | —     | —    |
| 5   | —              | —    | 184   | \$1095   | \$1220   | 215   | \$2,026  | \$2,163  | 254   | \$3,192 | \$3,415 | —     | —    | —     | —    |
| 7.5 | —              | —    | 213   | \$1509   | \$1646   | 254   | \$2,791  | \$2,965  | 256   | \$4,265 | \$4,564 | —     | —    | —     | —    |
| 10  | —              | —    | 215   | \$1786   | \$1923   | 256   | \$3,304  | \$3,478  | 284   | \$4,855 | \$5,195 | —     | —    | —     | —    |
| 15  | —              | —    | 254   | \$2,563  | \$2,737  | 284   | \$4,742  | \$4,963  | 286   | \$7,185 | \$7,688 | —     | —    | —     | —    |
| 20  | —              | —    | 256   | \$2,932  | \$3,106  | 286   | \$5,425  | \$5,646  | —     | —       | —       | —     | —    | —     | —    |
| 25  | —              | —    | 284   | \$3,981  | \$4,202  | 324   | \$7,365  | \$7,646  | —     | —       | —       | —     | —    | —     | —    |
| 30  | —              | —    | 286   | \$4,203  | \$4,424  | 326   | \$7,776  | \$8,057  | —     | —       | —       | —     | —    | —     | —    |
| 40  | —              | —    | 324   | \$5,307  | \$5,588  | 364   | \$9,818  | \$10,128 | —     | —       | —       | —     | —    | —     | —    |
| 50  | —              | —    | 326   | \$6,193  | \$6,474  | 365   | \$11,457 | \$11,457 | —     | —       | —       | —     | —    | —     | —    |
| 60  | —              | —    | 364   | \$8,297  | \$8,607  | 404   | \$15,349 | \$15,768 | —     | —       | —       | —     | —    | —     | —    |
| 75  | —              | —    | 365   | \$9,628  | \$9,938  | 405   | \$17,813 | \$18,232 | —     | —       | —       | —     | —    | —     | —    |
| 100 | —              | —    | 405   | \$14,399 | \$14,818 | 444   | \$26,639 | \$27,117 | —     | —       | —       | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions. Includes Inpro/Seals<sup>®†</sup> VBXX<sup>®†</sup> Seals.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

DISCOUNT SYMBOL: DS-3HTFT, 3HTM

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Air Over (TEAO)

## World Motor Cooling Tower Duty, Inverter Duty, Premium Efficient - IE3 (Single Speed Only) Variable Torque 10:1 (6-60 Hz) Speed Range

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* INVERTER GRADE<sup>®</sup> With Insulation That Exceeds The NEMA<sup>®†</sup> MG-1 Part 31 Standard
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads
- \* Forsheda V-Ring Water Deflector And/Or Inpro/Seal<sup>®†</sup>
- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55
- \* Space Heater

| HP  | RPM @ 60 Hertz |      |       |          |          |       |          |          |       |         |         |       |      |       |      |
|-----|----------------|------|-------|----------|----------|-------|----------|----------|-------|---------|---------|-------|------|-------|------|
|     | 3600           |      | 1800  |          |          | 1200  |          |          | 900   |         |         | 720   |      | 600   |      |
|     | Frame          | List | Frame | List A   | List B   | Frame | List A   | List B   | Frame | List A  | List B  | Frame | List | Frame | List |
| 2   | —              | —    | 145   | \$719    | \$808    | 184   | \$1,329  | \$1,454  | 213   | \$1,930 | \$2,027 | —     | —    | —     | —    |
| 3   | —              | —    | 182   | \$1,081  | \$1,206  | 213   | \$2,001  | \$2,138  | 215   | \$3,070 | \$3,224 | —     | —    | —     | —    |
| 5   | —              | —    | 184   | \$1,129  | \$1,254  | 215   | \$2,087  | \$2,224  | 254   | \$3,192 | \$3,415 | —     | —    | —     | —    |
| 7.5 | —              | —    | 213   | \$1,554  | \$1,691  | 254   | \$2,875  | \$3,049  | 256   | \$4,265 | \$4,478 | —     | —    | —     | —    |
| 10  | —              | —    | 215   | \$1,839  | \$1,976  | 256   | \$3,403  | \$3,577  | 284   | \$4,855 | \$5,098 | —     | —    | —     | —    |
| 15  | —              | —    | 254   | \$2,640  | \$2,814  | 284   | \$4,884  | \$5,105  | 286   | \$7,185 | \$7,544 | —     | —    | —     | —    |
| 20  | —              | —    | 256   | \$3,021  | \$3,195  | 286   | \$5,588  | \$5,809  | —     | —       | —       | —     | —    | —     | —    |
| 25  | —              | —    | 284   | \$4,101  | \$4,322  | 324   | \$7,586  | \$7,867  | —     | —       | —       | —     | —    | —     | —    |
| 30  | —              | —    | 286   | \$4,330  | \$4,551  | 326   | \$8,009  | \$8,290  | —     | —       | —       | —     | —    | —     | —    |
| 40  | —              | —    | 324   | \$5,466  | \$5,747  | 364   | \$10,112 | \$10,422 | —     | —       | —       | —     | —    | —     | —    |
| 50  | —              | —    | 326   | \$6,380  | \$6,661  | 365   | \$11,801 | \$12,111 | —     | —       | —       | —     | —    | —     | —    |
| 60  | —              | —    | 364   | \$8,545  | \$8,855  | 404   | \$15,810 | \$16,229 | —     | —       | —       | —     | —    | —     | —    |
| 75  | —              | —    | 365   | \$9,917  | \$10,227 | 405   | \$18,347 | \$18,766 | —     | —       | —       | —     | —    | —     | —    |
| 100 | —              | —    | 405   | \$14,831 | \$15,250 | 444   | \$27,438 | \$27,916 | —     | —       | —       | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions.  
 \* Air Velocity In Feet Per Minute Must Be Specified When Ordering TEAO Motors.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3CTMW**

† All marks shown within this document are properties of their respective owners.



# Three Phase Modifiable NEMA<sup>®†</sup> Horizontal Motors Totally Enclosed Air Over (TEAO)



CTNI Cooling Tower

## Cooling Tower Duty, Inverter Duty, Premium Efficient - IE3 (Single Speed Only) Variable Torque 10:1 (6-60 Hz) Speed Range

- \* Class F Insulation, 1.15 Service Factor, 40°C Ambient
- \* INVERTER GRADE<sup>®</sup> With Insulation That Exceeds The NEMA<sup>®†</sup> MG-1 Part 31 Standard
- \* Insulife-2000 Insulation Treatment
- \* Cast Iron Frame (140: Rolled Steel) And End Brackets
- \* Includes CORRO-DUTY<sup>®</sup> Motor Paint And Rotor Treatment
- \* Stainless Steel Nameplate And Zinc Plated Hardware
- \* Sealed Bracket To Frame Registers And Leads

- \* Forsheda V-Ring Water Deflector And/Or Inpro/Seal<sup>®†</sup>
- \* Lifting Provisions On 180 Frame And Up
- \* Designed For Horizontal, Shaft Down And Shaft Up Mounting
- \* Sealed Bracket-To-Frame Registers And Leads, Gasketed Conduit Box
- \* Double Sealed, Same Size Bearings Both Ends
- \* Dual Drilled Feet To Accommodate Mounting Flexibility
- \* Bearing Caps On 180-440 Frame
- \* Meets IEC 34-5 Classification IP55

| HP  | RPM @ 60 Hertz |      |       |          |          |       |          |          |       |         |         |       |      |       |      |
|-----|----------------|------|-------|----------|----------|-------|----------|----------|-------|---------|---------|-------|------|-------|------|
|     | 3600           |      | 1800  |          |          | 1200  |          |          | 900   |         |         | 720   |      | 600   |      |
|     | Frame          | List | Frame | List A   | List B   | Frame | List A   | List B   | Frame | List A  | List B  | Frame | List | Frame | List |
| 2   | —              | —    | 145   | \$719    | \$808    | 184   | \$1,329  | \$1,454  | 213   | \$1,930 | \$2,027 | —     | —    | —     | —    |
| 3   | —              | —    | 182   | \$1,081  | \$1,206  | 213   | \$2,001  | \$2,138  | 215   | \$3,070 | \$3,224 | —     | —    | —     | —    |
| 5   | —              | —    | 184   | \$1,129  | \$1,254  | 215   | \$2,087  | \$2,224  | 254   | \$3,192 | \$3,415 | —     | —    | —     | —    |
| 7.5 | —              | —    | 213   | \$1,554  | \$1,691  | 254   | \$2,875  | \$3,049  | 256   | \$4,265 | \$4,478 | —     | —    | —     | —    |
| 10  | —              | —    | 215   | \$1,839  | \$1,976  | 256   | \$3,403  | \$3,577  | 284   | \$4,855 | \$5,098 | —     | —    | —     | —    |
| 15  | —              | —    | 254   | \$2,640  | \$2,814  | 284   | \$4,884  | \$5,105  | 286   | \$7,185 | \$7,544 | —     | —    | —     | —    |
| 20  | —              | —    | 256   | \$3,021  | \$3,195  | 286   | \$5,588  | \$5,809  | —     | —       | —       | —     | —    | —     | —    |
| 25  | —              | —    | 284   | \$4,101  | \$4,322  | 324   | \$7,586  | \$7,867  | —     | —       | —       | —     | —    | —     | —    |
| 30  | —              | —    | 286   | \$4,330  | \$4,551  | 326   | \$8,009  | \$8,290  | —     | —       | —       | —     | —    | —     | —    |
| 40  | —              | —    | 324   | \$5,466  | \$5,747  | 364   | \$10,112 | \$10,422 | —     | —       | —       | —     | —    | —     | —    |
| 50  | —              | —    | 326   | \$6,380  | \$6,661  | 365   | \$11,801 | \$12,111 | —     | —       | —       | —     | —    | —     | —    |
| 60  | —              | —    | 364   | \$8,545  | \$8,855  | 404   | \$15,810 | \$16,229 | —     | —       | —       | —     | —    | —     | —    |
| 75  | —              | —    | 365   | \$9,917  | \$10,227 | 405   | \$18,347 | \$18,766 | —     | —       | —       | —     | —    | —     | —    |
| 100 | —              | —    | 405   | \$14,831 | \$15,250 | 444   | \$27,438 | \$27,916 | —     | —       | —       | —     | —    | —     | —    |

\* Use List B Pricing For W5,W8 Assembly Positions. Includes Inpro/Seals<sup>®†</sup> VBXX<sup>®†</sup> Seals.  
 \* Air Velocity In Feet Per Minute Must Be Specified When Ordering TEAO Motors.  
 \* 60Hz 3600, 1800, 1200 & 900 RPM Motors Comply With U.S. D.O.E.'s Efficiency Regulation 10 CFR Section 431 Subpart B – Electric Motors (See Appendix A2 & A3 For Nominal Efficiency Table)

**DISCOUNT SYMBOL: DS-3HTFT, 3HTM**

† All marks shown within this document are properties of their respective owners.

