

# Cooling Tower Duty Motors

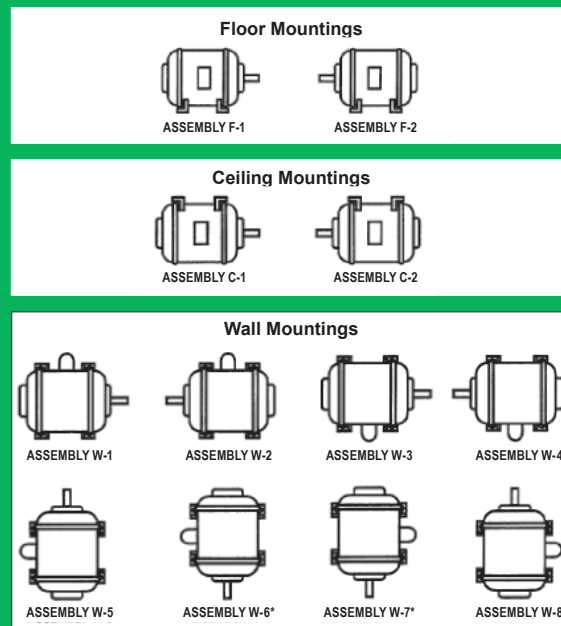
Many of Nidec Motor Corporation's Premium Efficient Cooling Tower motors are stocked for you. Refer to pages 55 to 57.

Stocked motors have the following conversion options: Space Heaters, Thermistors, Shaft Grounding, and Assembly Positions. Stock motors can ship immediately! Conversion orders can ship within 3 days!

## Features & Benefits:

- All single speed Premium Efficient models meet NEMA<sup>®†</sup> Premium efficiency levels
- Thousands of configurations to choose from
- VBXX<sup>®†</sup> seal installed on "wet" end for Premium Efficient motors
- Rotor balance better than .08 in/sec on Premium Efficient motors
- Meets IEC 34-5 Classification IP55
- Inverter Duty & Two-speed models help customers meet ASHRAE Standard 90.1 \* W6 and W7 available on Totally Enclosed, Air Over Only (TEAO)

## Motor Mounting Assembly Guide:



# Stock World Motor Cooling Tower Duty Three Phase, TEAO & TEFC Premium Efficient, Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque, Internal SGR

## APPLICATIONS:

For use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with high humidity.

## FEATURES:

- INVERTER GRADE® Motors with Insulation that Exceeds the NEMA® MG-1 Part 31 Standard
- Double Dip & Bake, 100% Solids, Polyester Insulation on Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame & Outlet Box
- Cast Iron Bearing Caps
- Double Sealed bearings
- Double Drilled Feet to Accommodate Mounting Flexibility
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec Inverter Compatible: Exceeds NEMA® MG-1 Part 31 (10:1 Variable Torque)
- NEMA® Design B Performance on 60 Hertz Sine Wave Power
- Meets IEC 34-5 Classification IP55
- Space Heater (115v)
- Includes CORRO-DUTY® Motor Paint and Rotor Treatment
- Internal Shaft Grounding Ring
- Refer to Page vii for Suitability of IHP Motors on Variable Frequency Drives
- Refer to Page 57 for Minimum Air Velocity Requirements

## ORDERING INFORMATION:

Options below available from Southaven Distribution Center ONLY

**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   |
| Thermistor             | \$725      | \$725 | \$725 | \$725 | \$725 | \$725 | \$725 | \$725 | \$725 |
| TEFC W5 or W8 Mounting | \$89       | \$125 | \$137 | \$174 | \$221 | \$281 | \$310 | \$419 | \$478 |

## Totally Enclosed Fan Cooled (TEFC)

| HP    | RPM  | Volts   | Frame | New Stock Cat# | List Price | Assembly Position | Discount Symbol | SF   | "C" Dim. (inches) | Ship Wt. (lbs) | NEMA Nom. Eff. | Full Load Amps | Notes |
|-------|------|---------|-------|----------------|------------|-------------------|-----------------|------|-------------------|----------------|----------------|----------------|-------|
| 3     | 1800 | 230/460 | 182T  | CWG3V2E2       | \$1,375    | F2                | DS-3CTSW        | 1.15 | 16.3              | 110            | 89.5           | 7.8/3.9        | SGR   |
| 5     | 1800 | 230/460 | 184T  | CWG5V2E2       | \$1,420    | F2                | DS-3CTSW        | 1.15 | 16.3              | 120            | 89.5           | 12.7/6.3       | SGR   |
| 7 1/2 | 1800 | 230/460 | 213T  | CWG7V2E2       | \$1,834    | F2                | DS-3CTSW        | 1.15 | 19.6              | 170            | 91.7           | 19.1/9.6       | SGR   |
| 10    | 1800 | 230/460 | 215T  | CWG10V2E2      | \$2,111    | F2                | DS-3CTSW        | 1.15 | 19.6              | 180            | 91.7           | 25.7/12.8      | SGR   |
| 15    | 1800 | 230/460 | 254T  | CWG15V2E2      | \$2,913    | F2                | DS-3CTSW        | 1.15 | 24.9              | 285            | 92.4           | 36/18          | SGR   |
| 20    | 1800 | 230/460 | 256T  | CWG20V2E2      | \$3,282    | F2                | DS-3CTSW        | 1.15 | 24.9              | 315            | 93             | 47/23.7        | SGR   |
| 25    | 1800 | 230/460 | 284T  | CWG25V2E2      | \$4,346    | F2                | DS-3CTSW        | 1.15 | 27.5              | 375            | 93.6           | 58/29.2        | SGR   |
| 30    | 1800 | 230/460 | 286T  | CWG30V2E2      | \$4,568    | F2                | DS-3CTSW        | 1.15 | 27.5              | 385            | 93.6           | 70/35          | SGR   |
| 40    | 1800 | 230/460 | 324T  | CWG40V2E2      | \$5,685    | F2                | DS-3CTSW        | 1.15 | 30.1              | 515            | 94.1           | 92/46          | SGR   |
| 50    | 1800 | 230/460 | 326T  | CWG50V2E2      | \$6,571    | F2                | DS-3CTSW        | 1.15 | 30.1              | 615            | 94.5           | 112/56         | SGR   |
| 60    | 1800 | 230/460 | 364T  | CWG60V2E2      | \$8,717    | F2                | DS-3CTSW        | 1.15 | 32.3              | 715            | 95             | 137/68         | SGR   |

## Totally Enclosed Air Over (TEAO)

| HP    | RPM  | Volts   | Frame | New Stock Cat# | List Price | Assembly Position | Discount Symbol | SF   | "C" Dim. (inches) | Ship Wt. (lbs) | NEMA Nom. Eff. | Full Load Amps | Notes |
|-------|------|---------|-------|----------------|------------|-------------------|-----------------|------|-------------------|----------------|----------------|----------------|-------|
| 5     | 1800 | 230/460 | 184T  | CVWG5V2B6      | \$1,579    | W6                | DS-3CTSW        | 1.15 | 13.6              | 110            | 89.5           | 12.7/6.3       | SGR   |
| 7 1/2 | 1800 | 230/460 | 213T  | CVWG7V2B6      | \$2,016    | W6                | DS-3CTSW        | 1.15 | 17.1              | 170            | 91.7           | 19.2/9.6       | SGR   |
| 10    | 1800 | 230/460 | 215T  | CVWG10V2B6     | \$2,301    | W6                | DS-3CTSW        | 1.15 | 17.1              | 180            | 91.7           | 25.7/12.8      | SGR   |
| 15    | 1800 | 230/460 | 254T  | CVWG15V2B6     | \$3,164    | W6                | DS-3CTSW        | 1.15 | 22.3              | 275            | 92.4           | 36/18          | SGR   |
| 20    | 1800 | 230/460 | 256T  | CVWG20V2B6     | \$3,545    | W6                | DS-3CTSW        | 1.15 | 22.3              | 305            | 93             | 47/23.7        | SGR   |
| 25    | 1800 | 230/460 | 284T  | CVWG25V2B6     | \$4,687    | W6                | DS-3CTSW        | 1.15 | 24.8              | 365            | 93.6           | 58/29.2        | SGR   |
| 30    | 1800 | 230/460 | 286T  | CVWG30V2B6     | \$4,916    | W6                | DS-3CTSW        | 1.15 | 24.8              | 395            | 93.6           | 69/34          | SGR   |
| 40    | 1800 | 230/460 | 324T  | CVWG40V2B6     | \$6,125    | W6                | DS-3CTSW        | 1.15 | 27.5              | 505            | 94.1           | 92/46          | SGR   |
| 50    | 1800 | 230/460 | 326T  | CVWG50V2B6     | \$7,039    | W6                | DS-3CTSW        | 1.15 | 27.5              | 615            | 94.5           | 112/56         | SGR   |
| 60    | 1800 | 230/460 | 364T  | CVWG60V2B6     | \$9,275    | W6                | DS-3CTSW        | 1.15 | 29.6              | 705            | 95             | 137/68         | SGR   |
| 75    | 1800 | 230/460 | 365T  | CVWG75V2B6     | \$10,647   | W6                | DS-3CTSW        | 1.15 | 29.6              | 765            | 95             | 170/85         | SGR   |

Note SGR Shaft Grounding Ring



# Stock World Motor Cooling Tower Duty Three Phase, TEAO & TEFC Premium Efficient, Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque

## APPLICATIONS:

For use in Cooling Tower, Evaporative Condenser and other commercial and industrial applications requiring protection from harsh operating conditions with high humidity.

## FEATURES:

- INVERTER GRADE® Motors with Insulation that Exceeds the NEMA® MG-1 Part 31 Standard
- Double Dip & Bake, 100% Solids, Polyester Insulation on Windings
- Class F Insulation, 40°C Ambient
- Cast Iron Frame & Outlet Box
- Cast Iron Bearing Caps
- Double Sealed bearings
- Double Drilled Feet to Accommodate Mounting Flexibility
- Sealed Bracket-to-Frame Registers & Leads
- Stainless Steel Nameplate & Zinc Plated Hardware
- 1.15 Service Factor
- Rotor Balance better than 0.08 in/sec Inverter Compatible: Exceeds NEMA® MG-1 Part 31 (10:1 Variable Torque)
- NEMA® Design B Performance on 60 Hertz Sine Wave Power
- Meets IEC 34-5 Classification IP55
- Space Heater (115v)
- Includes CORRO-DUTY® Motor Paint and Rotor Treatment
- Refer to Page vii for Suitability of IHP Motors on Variable Frequency Drives
- Refer to Page 57 for Minimum Air Velocity Requirements

## ORDERING INFORMATION:

Options below available from Southaven Distribution Center ONLY

**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   |
| Thermistor             | \$725      | \$725 | \$725 | \$725 | \$725 | \$725 | \$725 | \$725 | \$725 |
| TEFC W5 or W8 Mounting | \$89       | \$125 | \$137 | \$174 | \$221 | \$281 | \$310 | \$419 | \$478 |

## Totally Enclosed Air Over (TEAO)

| HP    | RPM  | Volts   | Frame | New Stock Cat# | List Price | Assembly Position | Discount Symbol | SF   | "C" Dim. (inches) | Ship Wt. (lbs) | NEMA Nom. Eff. | Full Load Amps | Notes |
|-------|------|---------|-------|----------------|------------|-------------------|-----------------|------|-------------------|----------------|----------------|----------------|-------|
| 2     | 1200 | 230/460 | 184T  | CVW2V3B6       | \$1,454    | W6                | DS-3CTSW        | 1.15 | 13.6              | 130            | 88.5           | 6.2/3.1        |       |
| 3     | 1800 | 230/460 | 182T  | CVW3V2B6       | \$1,206    | W6                | DS-3CTSW        | 1.15 | 13.6              | 130            | 89.5           | 7.7/3.9        |       |
|       | 1200 | 230/460 | 213T  | CVW3V3B6       | \$2,138    | W6                | DS-3CTSW        | 1.15 | 17.1              | 200            | 90.2           | 8.6/4.3        |       |
| 5     | 1800 | 200     | 184T  | CVW5V2H6       | \$1,254    | W6                | DS-3CTSW        | 1.15 | 13.6              | 130            | 89.5           | 14.5           |       |
|       | 1800 | 230/460 | 184T  | CVW5V2B6       | \$1,254    | W6                | DS-3CTSW        | 1.15 | 13.6              | 130            | 89.5           | 12.7/6.3       |       |
|       | 1800 | 230/460 | 184T  | CVW5V2B8       | \$1,254    | W8                | DS-3CTSW        | 1.15 | 13.6              | 100            | 89.5           | 12.7/6.3       |       |
|       | 1200 | 230/460 | 215T  | CVW5V3B6       | \$2,224    | W6                | DS-3CTSW        | 1.15 | 17.1              | 200            | 90.2           | 14.2/7.1       |       |
| 7 1/2 | 1800 | 200     | 213T  | CVW7V2H6       | \$1,691    | W6                | DS-3CTSW        | 1.15 | 17.1              | 200            | 91.7           | 21.9           |       |
|       | 1800 | 230/460 | 213T  | CVW7V2B8       | \$1,691    | W8                | DS-3CTSW        | 1.15 | 17.1              | 160            | 91.7           | 19.2/9.6       |       |
|       | 1800 | 230/460 | 213T  | CVW7V2B6       | \$1,691    | W6                | DS-3CTSW        | 1.15 | 17.1              | 200            | 91.7           | 19.2/9.6       |       |
|       | 1200 | 230/460 | 254T  | CVW7V3B6       | \$3,049    | W6                | DS-3CTSW        | 1.15 | 22.3              | 325            | 91.0           | 18.8/9.4       |       |
| 10    | 1800 | 200     | 215T  | CVW10V2H6      | \$1,976    | W6                | DS-3CTSW        | 1.15 | 17.1              | 200            | 91.7           | 29.3           |       |
|       | 1800 | 230/460 | 215T  | CVW10V2B6      | \$1,976    | W6                | DS-3CTSW        | 1.15 | 17.1              | 200            | 91.7           | 25.7/12.8      |       |
|       | 1800 | 230/460 | 215T  | CVW10V2B8      | \$1,976    | W8                | DS-3CTSW        | 1.15 | 17.1              | 170            | 91.7           | 25.7/12.8      |       |
|       | 1200 | 230/460 | 256T  | CVW10V3B6      | \$3,577    | W6                | DS-3CTSW        | 1.15 | 22.3              | 325            | 91.7           | 25.1/12.5      |       |
| 15    | 1800 | 200     | 254T  | CVW15V2H6      | \$2,814    | W6                | DS-3CTSW        | 1.15 | 22.3              | 325            | 92.4           | 41             |       |
|       | 1800 | 230/460 | 254T  | CVW15V2B6      | \$2,814    | W6                | DS-3CTSW        | 1.15 | 22.3              | 325            | 92.4           | 36/18          |       |
|       | 1200 | 230/460 | 284T  | CVW15V3B6      | \$5,105    | W6                | DS-3CTSW        | 1.15 | 24.8              | 380            | 91.7           | 36/18.2        |       |
| 20    | 1800 | 200     | 256T  | CVW20V2H6      | \$3,195    | W6                | DS-3CTSW        | 1.15 | 22.3              | 325            | 93.0           | 54             |       |
|       | 1800 | 230/460 | 256T  | CVW20V2B6      | \$3,195    | W6                | DS-3CTSW        | 1.15 | 22.3              | 325            | 93.0           | 47/23.7        |       |
|       | 1200 | 230/460 | 286T  | CVW20V3B6      | \$5,809    | W6                | DS-3CTSW        | 1.15 | 24.8              | 410            | 91.7           | 48/24          |       |
| 25    | 1800 | 230/460 | 284T  | CVW25V2B6      | \$4,322    | W6                | DS-3CTSW        | 1.15 | 24.8              | 380            | 93.6           | 58/29.2        |       |
|       | 1200 | 230/460 | 324T  | CVW25V3B6      | \$7,867    | W6                | DS-3CTSW        | 1.15 | 27.5              | 605            | 93.0           | 59/29.3        |       |
| 30    | 1800 | 230/460 | 286T  | CVW30V2B6      | \$4,551    | W6                | DS-3CTSW        | 1.15 | 24.8              | 410            | 93.6           | 69/34          |       |
|       | 1200 | 230/460 | 326T  | CVW30V3B6      | \$8,290    | W6                | DS-3CTSW        | 1.15 | 27.5              | 605            | 93.0           | 70/35          |       |
| 40    | 1800 | 230/460 | 324T  | CVW40V2B6      | \$5,747    | W6                | DS-3CTSW        | 1.15 | 27.5              | 605            | 94.1           | 92/46          |       |
|       | 1200 | 230/460 | 364T  | CVW40V3B6      | \$10,422   | W6                | DS-3CTSW        | 1.15 | 29.6              | 740            | 94.1           | 94/47          |       |
| 50    | 1800 | 230/460 | 326T  | CVW50V2B6      | \$6,661    | W6                | DS-3CTSW        | 1.15 | 27.5              | 605            | 94.5           | 112/56         |       |
|       | 1200 | 230/460 | 365T  | CVW50V3B6      | \$12,111   | W6                | DS-3CTSW        | 1.15 | 29.6              | 910            | 94.1           | 117/59         |       |
| 60    | 1800 | 230/460 | 364T  | CVW60V2B6      | \$8,855    | W6                | DS-3CTSW        | 1.15 | 29.6              | 740            | 95.0           | 137/68         |       |
|       | 1200 | 230/460 | 404T  | CVW60V3B6      | \$16,229   | W6                | DS-3CTSW        | 1.15 | 33.8              | 960            | 94.5           | 140/70         |       |
| 75    | 1800 | 230/460 | 365T  | CVW75V2B6      | \$10,227   | W6                | DS-3CTSW        | 1.15 | 29.6              | 910            | 95.4           | 170/85         |       |
|       | 1200 | 230/460 | 405T  | CVW75V3B6      | \$18,766   | W6                | DS-3CTSW        | 1.15 | 33.8              | 990            | 94.5           | 178/89         |       |
| 100   | 1800 | 230/460 | 405T  | CVW100V2B6     | \$15,250   | W6                | DS-3CTSW        | 1.15 | 33.8              | 1000           | 95.4           | 229/115        |       |



# Stock World Motor Cooling Tower Duty Three Phase, TEAO & TEFC Premium Efficient, Inverter Duty 10:1 (6-60 Hz) Speed Range Variable Torque

(continued)

## Totally Enclosed Fan Cooled (TEFC)

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

| HP    | RPM  | Volts   | Frame | New Stock Cat# | List Price | Assembly Position | Discount Symbol | SF   | "C" Dim. (inches) | Ship Wt. (lbs) | NEMA Nom. Eff. | Full Load Amps | Notes |
|-------|------|---------|-------|----------------|------------|-------------------|-----------------|------|-------------------|----------------|----------------|----------------|-------|
| 2     | 1800 | 230/460 | 145T  | CW2V2E2        | \$698      | F2                | DS-3CTSW        | 1.15 | 13.5              | 80             | 86.5           | 5.3/2.7        |       |
|       | 1200 | 230/460 | 184T  | CW2V3E2        | \$1,290    | F2                | DS-3CTSW        | 1.15 | 16.3              | 100            | 88.5           | 6.2/3.1        |       |
| 3     | 1800 | 200     | 182T  | CW3V2H2        | \$1,050    | F2                | DS-3CTSW        | 1.15 | 16.3              | 100            | 89.5           | 8.8            |       |
|       | 1800 | 230/460 | 182T  | CW3V2E2        | \$1,050    | F2                | DS-3CTSW        | 1.15 | 16.3              | 100            | 89.5           | 7.8/3.9        |       |
|       | 1800 | 575     | 182T  | CW3V2G2        | \$1,050    | F2                | DS-3CTSW        | 1.15 | 16.3              | 100            | 89.5           | 3.1            |       |
|       | 1200 | 230/460 | 213T  | CW3V3E2        | \$1,942    | F2                | DS-3CTSW        | 1.15 | 19.6              | 170            | 90.2           | 8.6/4.3        |       |
| 5     | 1800 | 200     | 184T  | CW5V2H2        | \$1,095    | F2                | DS-3CTSW        | 1.15 | 16.3              | 110            | 89.5           | 14.5           |       |
|       | 1800 | 230/460 | 184T  | CW5V2E2        | \$1,095    | F2                | DS-3CTSW        | 1.15 | 16.3              | 110            | 89.5           | 12.7/6.3       |       |
|       | 1800 | 575     | 184T  | CW5V2G2        | \$1,095    | F2                | DS-3CTSW        | 1.15 | 16.3              | 110            | 89.5           | 5.1            |       |
|       | 1200 | 230/460 | 215T  | CW5V3E2        | \$2,026    | F2                | DS-3CTSW        | 1.15 | 19.6              | 180            | 90.2           | 14.2/7.1       |       |
| 7 1/2 | 1800 | 200     | 213T  | CW7V2H2        | \$1,509    | F2                | DS-3CTSW        | 1.15 | 19.6              | 170            | 91.7           | 22             |       |
|       | 1800 | 230/460 | 213T  | CW7V2E2        | \$1,509    | F2                | DS-3CTSW        | 1.15 | 19.6              | 170            | 91.0           | 19.1/9.6       |       |
|       | 1800 | 575     | 213T  | CW7V2G2        | \$1,509    | F2                | DS-3CTSW        | 1.15 | 19.6              | 170            | 91.7           | 7.8            |       |
|       | 1200 | 230/460 | 254T  | CW7V3E2        | \$2,791    | F2                | DS-3CTSW        | 1.15 | 24.9              | 250            | 91.0           | 18.8/9.4       |       |
| 10    | 1800 | 200     | 215T  | CW10V2H2       | \$1,786    | F2                | DS-3CTSW        | 1.15 | 19.6              | 180            | 91.7           | 29.3           |       |
|       | 1800 | 230/460 | 215T  | CW10V2E2       | \$1,786    | F2                | DS-3CTSW        | 1.15 | 19.6              | 180            | 91.7           | 25.7/12.8      |       |
|       | 1800 | 575     | 215T  | CW10V2G2       | \$1,786    | F2                | DS-3CTSW        | 1.15 | 19.6              | 180            | 91.7           | 10.3           |       |
|       | 1200 | 230/460 | 256T  | CW10V3E2       | \$3,304    | F2                | DS-3CTSW        | 1.15 | 24.9              | 280            | 91.7           | 24.9/12.4      |       |
| 15    | 1800 | 200     | 254T  | CW15V2H2       | \$2,563    | F2                | DS-3CTSW        | 1.15 | 24.9              | 270            | 92.4           | 41             |       |
|       | 1800 | 230/460 | 254T  | CW15V2E2       | \$2,563    | F2                | DS-3CTSW        | 1.15 | 24.9              | 270            | 92.4           | 36/18          |       |
|       | 1800 | 575     | 254T  | CW15V2G2       | \$2,563    | F2                | DS-3CTSW        | 1.15 | 24.9              | 270            | 92.4           | 14.5           |       |
| 20    | 1800 | 200     | 256T  | CW20V2H2       | \$2,932    | F2                | DS-3CTSW        | 1.15 | 24.9              | 300            | 93.0           | 55             |       |
|       | 1800 | 230/460 | 256T  | CW20V2E2       | \$2,932    | F2                | DS-3CTSW        | 1.15 | 24.9              | 300            | 93.0           | 47/23.7        |       |
|       | 1800 | 575     | 256T  | CW20V2G2       | \$2,932    | F2                | DS-3CTSW        | 1.15 | 24.9              | 300            | 93.0           | 18.9           |       |
| 25    | 1800 | 200     | 284T  | CW25V2H2       | \$3,981    | F2                | DS-3CTSW        | 1.15 | 27.5              | 385            | 93.6           | 67             |       |
|       | 1800 | 230/460 | 284T  | CW25V2E2       | \$3,981    | F2                | DS-3CTSW        | 1.15 | 27.5              | 380            | 93.6           | 58/29.2        |       |
|       | 1800 | 575     | 284T  | CW25V2G2       | \$3,981    | F2                | DS-3CTSW        | 1.15 | 27.5              | 380            | 93.6           | 23.3           |       |
| 30    | 1800 | 230/460 | 286T  | CW30V2E2       | \$4,203    | F2                | DS-3CTSW        | 1.15 | 27.5              | 410            | 93.6           | 70/35          |       |
|       | 1800 | 575     | 286T  | CW30V2G2       | \$4,203    | F2                | DS-3CTSW        | 1.15 | 27.5              | 410            | 93.6           | 28.1           |       |
| 40    | 1800 | 230/460 | 324T  | CW40V2E2       | \$5,307    | F2                | DS-3CTSW        | 1.15 | 30.1              | 600            | 94.1           | 92/46          |       |
|       | 1800 | 575     | 324T  | CW40V2G2       | \$5,307    | F2                | DS-3CTSW        | 1.15 | 30.1              | 600            | 94.1           | 37             |       |
| 50    | 1800 | 230/460 | 326T  | CW50V2E2       | \$6,193    | F2                | DS-3CTSW        | 1.15 | 30.1              | 625            | 94.5           | 112/56         |       |
|       | 1800 | 575     | 326T  | CW50V2G2       | \$6,193    | F2                | DS-3CTSW        | 1.15 | 30.1              | 625            | 94.5           | 45             |       |
| 60    | 1800 | 230/460 | 364T  | CW60V2E2       | \$8,297    | F2                | DS-3CTSW        | 1.15 | 32.3              | 740            | 95.0           | 137/68         |       |
|       | 1800 | 575     | 364T  | CW60V2G2       | \$8,297    | F2                | DS-3CTSW        | 1.15 | 32.3              | 910            | 95.0           | 55             |       |
| 75    | 1800 | 230/460 | 365T  | CW75V2E2       | \$9,628    | F2                | DS-3CTSW        | 1.15 | 32.3              | 910            | 95.4           | 170/85         |       |

## Minimum Air Velocity Required for TEAO Models

| Horsepower | Velocity (FPM)<br>4 Pole | Velocity (FPM)<br>6 Pole |
|------------|--------------------------|--------------------------|
| 2          | 1000                     | 580                      |
| 3          | 1000                     | 600                      |
| 5          | 1054                     | 700                      |
| 7.5        | 1023                     | 650                      |
| 10         | 975                      | 600                      |
| 15         | 1500                     | 650                      |
| 20         | 1700                     | 850                      |

| Horsepower | Velocity (FPM)<br>4 Pole | Velocity (FPM)<br>6 Pole |
|------------|--------------------------|--------------------------|
| 25         | 1500                     | 950                      |
| 30         | 1600                     | 1000                     |
| 40         | 1700                     | 1100                     |
| 50         | 1800                     | 1150                     |
| 60         | 1800                     | 1150                     |
| 75         | 2000                     | 1300                     |
| 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).

