

**CFW500**  **Replace With**  **CFW500**  
NEMA1 IP 20

**NOTES:**

1. If the customer must have CFW500 NEMA1 VFD, Please quote CFW500 IP20 VFD with NEMA1 Kit.

| Motor Voltage     | Motor HP <sup>1</sup>                                        | Drive Amps <sup>2</sup> | Frame Size | CFW500 (NEMA1)    | CFW500 (IP20)     | NEMA1 KIT   |
|-------------------|--------------------------------------------------------------|-------------------------|------------|-------------------|-------------------|-------------|
| 230 Vac / 3 Phase | <b>Input Power Supply: Single-Phase 200-240 Vac</b>          |                         |            |                   |                   |             |
|                   | 1/3                                                          | 1.6                     | A          | CFW500A01P6S2NBN1 | CFW500A01P6S2NB20 | CFW500-KN1A |
|                   | 3/4                                                          | 2.6                     | A          | CFW500A02P6S2NBN1 | CFW500A02P6S2NB20 | CFW500-KN1A |
|                   | 1 1/2                                                        | 4.3                     | A          | CFW500A04P3S2NBN1 | CFW500A04P3S2NB20 | CFW500-KN1A |
|                   | 2                                                            | 7.3                     | A          | CFW500A07P0S2NBN1 | CFW500A07P0S2NB20 | CFW500-KN1A |
|                   | <b>Input Power Supply: Single or Three-Phase 200-240 Vac</b> |                         |            |                   |                   |             |
|                   | 1/3                                                          | 1.6                     | A          | CFW500A01P6B2NBN1 | CFW500A01P6B2NB20 | CFW500-KN1A |
|                   | 3/4                                                          | 2.6                     | A          | CFW500A02P6B2NBN1 | CFW500A02P6B2NB20 | CFW500-KN1A |
|                   | 1 1/2                                                        | 4.3                     | A          | CFW500A04P3B2NBN1 | CFW500A04P3B2NB20 | CFW500-KN1A |
|                   | 2                                                            | 7.3                     | B          | CFW500B07P3B2DBN1 | CFW500B07P3B2DB20 | CFW500-KN1B |
|                   | 3                                                            | 10.0                    | B          | CFW500B10P0B2DBN1 | CFW500B10P0B2DB20 | CFW500-KN1B |
|                   | <b>Input Power Supply: Three-Phase 200-240 Vac</b>           |                         |            |                   |                   |             |
|                   | 2                                                            | 7.0                     | A          | CFW500A07P0T2NBN1 | CFW500A07P0T2NB20 | CFW500-KN1A |
|                   | 3                                                            | 9.6                     | A          | CFW500A09P6T2NBN1 | CFW500A09P6T2NB20 | CFW500-KN1A |
|                   | 5                                                            | 16                      | B          | CFW500B16P0T2DBN1 | CFW500B16P0T2DB20 | CFW500-KN1B |
|                   | 7 1/2                                                        | 24                      | C          | CFW500C24P0T2DBN1 | CFW500C24P0T2DB20 | CFW500-KN1C |
|                   | 10                                                           | 28                      | D          | CFW500D28P0T2DBN1 | CFW500D28P0T2DB20 | CFW500-KN1D |
|                   | 10                                                           | 33                      | D          | CFW500D33P0T2DBN1 | CFW500D33P0T2DB20 | CFW500-KN1D |
|                   | 15                                                           | 47                      | D          | CFW500D47P0T2DBN1 | CFW500D47P0T2DB20 | CFW500-KN1D |
|                   | 20                                                           | 56                      | E          | CFW500E56P0T2DBN1 | CFW500E56P0T2DB20 | CFW500-KN1E |
| 460 Vac / 3 Phase | <b>Input Power Supply: Three-Phase 380-480 Vac</b>           |                         |            |                   |                   |             |
|                   | 1/2                                                          | 1.0                     | A          | CFW500A01P0T4NBN1 | CFW500A01P0T4NB20 | CFW500-KN1A |
|                   | 1                                                            | 1.6                     | A          | CFW500A01P6T4NBN1 | CFW500A01P6T4NB20 | CFW500-KN1A |
|                   | 2                                                            | 2.6                     | A          | CFW500A02P6T4NBN1 | CFW500A02P6T4NB20 | CFW500-KN1A |
|                   | 3                                                            | 4.3                     | A          | CFW500A04P3T4NBN1 | CFW500A04P3T4NB20 | CFW500-KN1A |
|                   | 3                                                            | 6.1                     | A          | CFW500A06P1T4NBN1 | CFW500A06P1T4NB20 | CFW500-KN1A |
|                   | 2                                                            | 2.6                     | B          | CFW500B02P6T4DBN1 | CFW500B02P6T4DB20 | CFW500-KN1B |
|                   | 3                                                            | 4.3                     | B          | CFW500B04P3T4DBN1 | CFW500B04P3T4DB20 | CFW500-KN1B |
|                   | 5                                                            | 6.5                     | B          | CFW500B06P5T4DBN1 | CFW500B06P5T4DB20 | CFW500-KN1B |
|                   | 7 1/2                                                        | 10                      | B          | CFW500B10P0T4DBN1 | CFW500B10P0T4DB20 | CFW500-KN1B |
|                   | 10                                                           | 14                      | C          | CFW500C14P0T4DBN1 | CFW500C14P0T4DB20 | CFW500-KN1C |
|                   | 10                                                           | 16                      | C          | CFW500C16P0T4DBN1 | CFW500C16P0T4DB20 | CFW500-KN1C |
|                   | 15                                                           | 24                      | D          | CFW500D24P0T4DBN1 | CFW500D24P0T4DB20 | CFW500-KN1D |
|                   | 25                                                           | 31                      | D          | CFW500D31P0T4DBN1 | CFW500D31P0T4DB20 | CFW500-KN1D |
|                   | 30                                                           | 39                      | E          | CFW500E39P0T4DBN1 | CFW500E39P0T4DB20 | CFW500-KN1E |
|                   | 40                                                           | 49                      | E          | CFW500E49P0T4DBN1 | CFW500E49P0T4DB20 | CFW500-KN1E |
| 575 Vac / 3 Phase | <b>Input Power Supply: Three-Phase 500-600 Vac</b>           |                         |            |                   |                   |             |
|                   | 1 1/2                                                        | 1.7                     | C          | CFW500C01P7T5DBN1 | CFW500C01P7T5DB20 | CFW500-KN1C |
|                   | 3                                                            | 3.0                     | C          | CFW500C03P0T5DBN1 | CFW500C03P0T5DB20 | CFW500-KN1C |
|                   | 3                                                            | 4.3                     | C          | CFW500C04P3T5DBN1 | CFW500C04P3T5DB20 | CFW500-KN1C |
|                   | 7 1/2                                                        | 7.0                     | C          | CFW500C07P0T5DBN1 | CFW500C07P0T5DB20 | CFW500-KN1C |
|                   | 10                                                           | 10.0                    | C          | CFW500C10P0T5DBN1 | CFW500C10P0T5DB20 | CFW500-KN1C |
|                   | 10                                                           | 12.0                    | C          | CFW500C12P0T5DBN1 | CFW500C12P0T5DB20 | CFW500-KN1C |

1) Please use IP20 VFD if it is being installed inside an enclosure.

2) NEMA1 VFD is only needed if it is not being installed inside an enclosure and the conduits need to be connected directly to the VFD.

**NOTES:**

If the customer must have CFW700 NEMA1 VFD, Please quote CFW700 IP20 VFD with NEMA1 Kit.

"\*" Frame D drives are only available as NEMA1 Protection.

| Motor Voltage | ND / VT                                                                               |            | HD / CT  |            | Frame Size | CFW700 (NEMA1)     | CFW700 (IP20)      | NEMA1 KIT |
|---------------|---------------------------------------------------------------------------------------|------------|----------|------------|------------|--------------------|--------------------|-----------|
|               | Motor HP                                                                              | Drive Amps | Motor HP | Drive Amps |            |                    |                    |           |
| 230 Vac       | Input Power Supply: Single or Three-Phase 200-240 Vac with Dynamic Braking Transistor |            |          |            |            |                    |                    |           |
|               | 1 1/2                                                                                 | 6.0        | 1 1/2    | 5.0        | A          | CFW700A06P0B2DBN1  | CFW700A06P0B2DB20  | KN1A-02   |
|               | 2                                                                                     | 7.0        | 2        | 7.0        | A          | CFW700A07P0B2DBN1  | CFW700A07P0B2DB20  | KN1A-02   |
|               | Input Power Supply: Single-Phase 200-240 Vac with Dynamic Braking Transistor          |            |          |            |            |                    |                    |           |
|               | 3                                                                                     | 10         | 3        | 10         | A          | CFW700A10P0S2DBN1  | CFW700A10P0S2DB20  | KN1A-02   |
|               | Input Power Supply: Three-Phase 200-240 Vac with Dynamic Braking Transistor           |            |          |            |            |                    |                    |           |
|               | 2                                                                                     | 7.0        | 1 1/2    | 5.5        | A          | CFW700A07P0T2DBN1  | CFW700A07P0T2DB20  | KN1A-02   |
|               | 3                                                                                     | 10         | 2        | 8.0        | A          | CFW700A10P0T2DBN1  | CFW700A10P0T2DB20  | KN1A-02   |
|               | 5                                                                                     | 13         | 3        | 11         | A          | CFW700A13P0T2DBN1  | CFW700A13P0T2DB20  | KN1A-02   |
|               | 5                                                                                     | 16         | 5        | 13         | A          | CFW700A16P0T2DBN1  | CFW700A16P0T2DB20  | KN1A-02   |
|               | 7 1/2                                                                                 | 24         | 7 1/2    | 20         | B          | CFW700B24P0T2DBN1  | CFW700B24P0T2DB20  | KN1B-02   |
|               | 10                                                                                    | 28         | 10       | 24         | B          | CFW700B28P0T2DBN1  | CFW700B28P0T2DB20  | KN1B-02   |
|               | 10                                                                                    | 34         | 10       | 28         | B          | CFW700B33P5T2DBN1  | CFW700B33P5T2DB20  | KN1B-02   |
|               | 15                                                                                    | 45         | 15       | 36         | C          | CFW700C45P0T2DBN1  | CFW700C45P0T2DB20  | KN1C-02   |
|               | 20                                                                                    | 54         | 20       | 45         | C          | CFW700C54P0T2DBN1  | CFW700C54P0T2DB20  | KN1C-02   |
|               | 25                                                                                    | 70         | 20       | 56         | C          | CFW700C70P0T2DBN1  | CFW700C70P0T2DB20  | KN1C-02   |
|               | 30                                                                                    | 86         | 25       | 70         | D*         | CFW700D86P0T2DBN1  | CFW700D86P0T2DBN1  | N/A       |
|               | 40                                                                                    | 105        | 30       | 86         | D*         | CFW700D0105T2DBN1  | CFW700D0105T2DBN1  | N/A       |
|               | 50                                                                                    | 142        | 40       | 115        | E          | CFW700E142T2DBN1C3 | CFW700E142T2DB20C3 | KN1E-01   |
|               | 60                                                                                    | 180        | 50       | 142        | E          | CFW700E180T2DBN1C3 | CFW700E180T2DB20C3 | KN1E-02   |
|               | 75                                                                                    | 211        | 60       | 180        | E          | CFW700E211T2DBN1C3 | CFW700E211T2DB20C3 | KN1E-02   |
|               | Input Power Supply: Three-Phase 200-240 Vac without Dynamic Braking Transistor        |            |          |            |            |                    |                    |           |
|               | 50                                                                                    | 142        | 40       | 115        | E          | CFW700E142T2NBN1C3 | CFW700E142T2NB20C3 | KN1E-01   |
|               | 60                                                                                    | 180        | 50       | 142        | E          | CFW700E180T2NBN1C3 | CFW700E180T2NB20C3 | KN1E-02   |
|               | 75                                                                                    | 211        | 60       | 180        | E          | CFW700E211T2NBN1C3 | CFW700E211T2NB20C3 | KN1E-02   |

| Motor Voltage | ND / VT                                                                        |            | HD / CT  |            | Frame Size | CFW700 (NEMA1)     | CFW700 (IP20)      | NEMA1 KIT |
|---------------|--------------------------------------------------------------------------------|------------|----------|------------|------------|--------------------|--------------------|-----------|
|               | Motor HP                                                                       | Drive Amps | Motor HP | Drive Amps |            |                    |                    |           |
| 460 Vac       | Input Power Supply: Three-Phase 380-480 Vac with Dynamic Braking Transistor    |            |          |            |            |                    |                    |           |
|               | 2                                                                              | 3.6        | 2        | 3.6        | A          | CFW700A03P6T4DBN1  | CFW700A03P6T4DB20  | KN1A-02   |
|               | 3                                                                              | 5.0        | 3        | 5.0        | A          | CFW700A05P0T4DBN1  | CFW700A05P0T4DB20  | KN1A-02   |
|               | 5                                                                              | 7.0        | 3        | 5.5        | A          | CFW700A07P0T4DBN1  | CFW700A07P0T4DB20  | KN1A-02   |
|               | 7 1/2                                                                          | 10         | 5        | 10         | A          | CFW700A10P0T4DBN1  | CFW700A10P0T4DB20  | KN1A-02   |
|               | 10                                                                             | 13.5       | 7 1/2    | 11         | A          | CFW700A13P5T4DBN1  | CFW700A13P5T4DB20  | KN1A-02   |
|               | 10                                                                             | 17         | 10       | 13.5       | B          | CFW700B17P0T4DBN1  | CFW700B17P0T4DB20  | KN1B-02   |
|               | 15                                                                             | 24         | 10       | 19         | B          | CFW700B24P0T4DBN1  | CFW700B24P0T4DB20  | KN1B-02   |
|               | 20                                                                             | 31         | 15       | 25         | B          | CFW700B31P0T4DBN1  | CFW700B31P0T4DB20  | KN1B-02   |
|               | 25                                                                             | 38         | 20       | 33         | C          | CFW700C38P0T4DBN1  | CFW700C38P0T4DB20  | KN1C-02   |
|               | 30                                                                             | 45         | 25       | 38         | C          | CFW700C45P0T4DBN1  | CFW700C45P0T4DB20  | KN1C-02   |
|               | 40                                                                             | 58.5       | 30       | 47         | C          | CFW700C58P5T4DBN1  | CFW700C58P5T4DB20  | KN1C-02   |
|               | 50/60                                                                          | 70.5       | 40       | 61         | D*         | CFW700D70P5T4DBN1  | CFW700D70P5T4DBN1  | N/A       |
|               | 60/75                                                                          | 88         | 50       | 73         | D*         | CFW700D88P0T4DBN1  | CFW700D88P0T4DBN1  | N/A       |
|               | 75                                                                             | 105        | 75       | 88         | E          | CFW700E105T4DBN1C3 | CFW700E105T4DB20C3 | KN1E-01   |
|               | 100/125                                                                        | 142        | 75       | 115        | E          | CFW700E142T4DBN1C3 | CFW700E142T4DB20C3 | KN1E-01   |
|               | 150                                                                            | 180        | 100      | 142        | E          | CFW700E180T4DBN1C3 | CFW700E180T4DB20C3 | KN1E-02   |
|               | 175                                                                            | 211        | 150      | 180        | E          | CFW700E211T4DBN1C3 | CFW700E211T4DB20C3 | KN1E-02   |
|               | Input Power Supply: Three-Phase 380-480 Vac without Dynamic Braking Transistor |            |          |            |            |                    |                    |           |
|               | 75                                                                             | 105        | 75       | 88         | E          | CFW700E105T4NBN1C3 | CFW700E105T4NB20C3 | KN1E-01   |
|               | 100/125                                                                        | 142        | 75       | 115        | E          | CFW700E142T4NBN1C3 | CFW700E142T4NB20C3 | KN1E-01   |
|               | 150                                                                            | 180        | 100      | 142        | E          | CFW700E180T4NBN1C3 | CFW700E180T4NB20C3 | KN1E-02   |
|               | 175                                                                            | 211        | 150      | 180        | E          | CFW700E211T4NBN1C3 | CFW700E211T4NB20C3 | KN1E-02   |

1) Please use IP20 VFD if it is being installed inside an enclosure.

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CFW700 NEMA1  Replace With  CFW700 IP20

**NOTES:**

If the customer must have CFW700 NEMA1 VFD, Please quote CFW700 IP20 VFD with NEMA1 Kit.

"\*" Frame D drives are only available as NEMA1 Protection.

| Motor Voltage | ND / VT                                                                        |            | HD / CT  |            | Frame Size | CFW700 (NEMA1)      | CFW700 (IP20)       | NEMA1 KIT |
|---------------|--------------------------------------------------------------------------------|------------|----------|------------|------------|---------------------|---------------------|-----------|
|               | Motor HP                                                                       | Drive Amps | Motor HP | Drive Amps |            |                     |                     |           |
| 575 Vac       | Input Power Supply: Three-Phase 500-600 Vac with Dynamic Braking Transistor    |            |          |            |            |                     |                     |           |
|               | 2                                                                              | 2.9        | 2        | 2.7        | B          | CFW700B02P9T5DBN1   | CFW700B02P9T5DB20   | KN1B-02   |
|               | 3                                                                              | 4.2        | 3        | 3.8        | B          | CFW700B04P2T5DBN1   | CFW700B04P2T5DB20   | KN1B-02   |
|               | 7 1/2                                                                          | 7.0        | 5        | 6.5        | B          | CFW700B07P0T5DBN1   | CFW700B07P0T5DB20   | KN1B-02   |
|               | 10                                                                             | 10         | 7 1/2    | 9.0        | B          | CFW700B10P0T5DBN1   | CFW700B10P0T5DB20   | KN1B-02   |
|               | 10                                                                             | 12         | 10       | 10         | B          | CFW700B12P0T5DBN1   | CFW700B12P0T5DB20   | KN1B-02   |
|               | 15                                                                             | 17         | 15       | 17         | B          | CFW700B17P0T5DBN1   | CFW700B17P0T5DB20   | KN1B-02   |
|               | 20                                                                             | 22         | 20       | 19         | D*         | CFW700D22P0T5DBN1   | CFW700C22P0T5DB20   | KN1C-02   |
|               | 25                                                                             | 27         | 20       | 22         | D*         | CFW700D27P0T5DBN1   | CFW700C27P0T5DB20   | KN1C-02   |
|               | 30                                                                             | 32         | 25       | 27         | D*         | CFW700D32P0T5DBN1   | CFW700C32P0T5DB20   | KN1C-02   |
|               | 40                                                                             | 44         | 30       | 36         | D*         | CFW700D44P0T5DBN1   | CFW700C44P0T5DB20   | KN1C-02   |
|               | 50                                                                             | 53         | 40       | 44         | E          | CFW700E53P0T5DBN1C3 | CFW700E53P0T5DB20C3 | TBD       |
|               | 60                                                                             | 63         | 50       | 53         | E          | CFW700E63P0T5DBN1C3 | CFW700E63P0T5DB20C3 | TBD       |
|               | 75                                                                             | 80         | 75       | 66         | E          | CFW700E80P0T5DBN1C3 | CFW700E80P0T5DB20C3 | TBD       |
|               | 100                                                                            | 107        | 100      | 90         | E          | CFW700E0107T5DBN1C3 | CFW700E0107T5DB20C3 | TBD       |
|               | 125                                                                            | 125        | 100      | 107        | E          | CFW700E0125T5DBN1C3 | CFW700E0125T5DB20C3 | TBD       |
|               | 150                                                                            | 150        | 125      | 122        | E          | CFW700E0150T5DBN1C3 | CFW700E0150T5DB20C3 | TBD       |
|               | Input Power Supply: Three-Phase 500-600 Vac without Dynamic Braking Transistor |            |          |            |            |                     |                     |           |
|               | 20                                                                             | 22         | 20       | 19         | D*         | CFW700D22P0T5NBN1   | CFW700D22P0T5NBN1   | N/A       |
|               | 25                                                                             | 27         | 20       | 22         | D*         | CFW700D27P0T5NBN1   | CFW700D27P0T5NBN1   | N/A       |
|               | 30                                                                             | 32         | 25       | 27         | D*         | CFW700D32P0T5NBN1   | CFW700D32P0T5NBN1   | N/A       |
|               | 40                                                                             | 44         | 30       | 36         | D*         | CFW700D44P0T5NBN1   | CFW700D44P0T5NBN1   | N/A       |
|               | 50                                                                             | 53         | 40       | 44         | E          | CFW700E53P0T5NBN1C3 | CFW700E53P0T5NB20C3 | TBD       |
|               | 60                                                                             | 63         | 50       | 53         | E          | CFW700E63P0T5NBN1C3 | CFW700E63P0T5NB20C3 | TBD       |
|               | 75                                                                             | 80         | 75       | 66         | E          | CFW700E80P0T5NBN1C3 | CFW700E80P0T5NB20C3 | TBD       |
|               | 100                                                                            | 107        | 100      | 90         | E          | CFW700E0107T5NBN1C3 | CFW700E0107T5NB20C3 | TBD       |
|               | 125                                                                            | 125        | 100      | 107        | E          | CFW700E0125T5NBN1C3 | CFW700E0125T5NB20C3 | TBD       |
|               | 150                                                                            | 150        | 125      | 122        | E          | CFW700E0150T5NBN1C3 | CFW700E0150T5NB20C3 | TBD       |

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