

# CFW500 N4X/IP66 – Washdown Drive



*With a modern design, the CFW500 variable speed drive is an advanced technology device that offers excellent performance for applications requiring speed and torque control, in three-phase induction motors and permanent magnet motors. The new washdown version with NEMA4X/IP66 protection rating increases the product robustness, ensuring protection against the ingress of dust and water jets from any direction. This feature makes CFW500 NEMA4X/IP66 product the best candidate for indoor and outdoor (even in direct sunlight) use.*

**Indoor/Outdoor Use**



## Standard Features

- Ratings:
  - 0.33 to 10HP @ 3/230VAC
  - 0.5 to 25HP @ 3/460VAC
  - 1.5 to 10HP @ 3/575VAC
- Scalar (V/Hz), VVW, VVW for PM Motor and Vector Control (Sensorless and closed loop with encoder feedback) modes.
- Heavy Duty (150% overload for 60 Seconds) as a standard.
- SoftPLC (PLC functionality) Built in.
- Conformal Coated Circuit Boards – Standard.
- Ambient temperature -10° to 40° C.
- **N4X/IP66 enclosure for indoor or outdoor use in direct sunlight.**
- Integrated keypad with LCD display.
- Flexible “Plug-In” Interface Modules.
- Models with built in disconnect to isolate the power supply.

## Applications

- Food and Beverage
- Fans / Exhausters
- Centrifugal pumps
- Cooling
- Water and Wastewater
- Agriculture



# CFW500 N4X/IP66 – Washdown Drive

Motor Voltage	Motor HP <sup>1</sup>	Drive Amps <sup>2</sup>	Catalog Number (No Disconnect)	No Disconnect VFD Dimensions (in.) HxWxD	Catalog Number (with Disconnect)	With Disconnect VFD Dimensions (in.) HxWxD	
230 VAC / 3 Phase	<b>Input Power Supply: Single or Three-Phase 200-240 VAC</b>						
	0.33	1.6	CFW500A01P6B2DB66G2	10.4 x 6.5 x 8.9	CFW500A01P6B2DB66DSG2	10.4 x 6.5 x 9.9	
	0.75	2.6	CFW500A02P6B2DB66G2	10.4 x 6.5 x 8.9	CFW500A02P6B2DB66DSG2	10.4 x 6.5 x 9.9	
	1.5	4.3	CFW500A04P3B2DB66G2	10.4 x 6.5 x 8.9	CFW500A04P3B2DB66DSG2	10.4 x 6.5 x 9.9	
	2	7.3	CFW500A07P3B2DB66G2	10.4 x 6.5 x 8.9	CFW500A07P3B2DB66DSG2	10.4 x 6.5 x 9.9	
	3	10.0	CFW500A10P0B2DB66G2	10.4 x 6.5 x 8.9	CFW500A10P0B2DB66DSG2	10.4 x 6.5 x 9.9	
	<b>Input Power Supply: Three-Phase 200-240 VAC</b>						
	5	16	CFW500A16P0T2DB66G2	10.4 x 6.5 x 8.9	CFW500A16P0T2DB66DSG2	10.4 x 6.5 x 9.9	
	7.5	24	CFW500B24P0T2DB66G2	13.4 x 8.5 x 8.9	CFW500B24P0T2DB66DSG2	13.4 x 8.5 x 9.9	
	10	28	CFW500B28P0T2DB66G2	13.4 x 8.5 x 8.9	CFW500B28P0T2DB66DSG2	13.4 x 8.5 x 9.9	
	10	33	CFW500B33P0T2DB66G2	13.4 x 8.5 x 8.9	CFW500B33P0T2DB66DSG2	13.4 x 8.5 x 9.9	
	460 VAC / 3 Phase	<b>Input Power Supply: Three-Phase 380-480 VAC</b>					
		0.5	1.0	CFW500A01P0T4DB66G2	10.4 x 6.5 x 8.9	CFW500A01P0T4DB66DSG2	10.4 x 6.5 x 9.9
		1	1.6	CFW500A01P6T4DB66G2	10.4 x 6.5 x 8.9	CFW500A01P6T4DB66DSG2	10.4 x 6.5 x 9.9
2		2.6	CFW500A02P6T4DB66G2	10.4 x 6.5 x 8.9	CFW500A02P6T4DB66DSG2	10.4 x 6.5 x 9.9	
3		4.3	CFW500A04P3T4DB66G2	10.4 x 6.5 x 8.9	CFW500A04P3T4DB66DSG2	10.4 x 6.5 x 9.9	
5		6.5	CFW500A06P5T4DB66G2	10.4 x 6.5 x 8.9	CFW500A06P5T4DB66DSG2	10.4 x 6.5 x 9.9	
7.5		10	CFW500A10P0T4DB66G2	10.4 x 6.5 x 8.9	CFW500A10P0T4DB66DSG2	10.4 x 6.5 x 9.9	
10		14	CFW500B14P0T4DB66G2	13.4 x 8.5 x 8.9	CFW500B14P0T4DB66DSG2	13.4 x 8.5 x 9.9	
10		16	CFW500B16P0T4DB66G2	13.4 x 8.5 x 8.9	CFW500B16P0T4DB66DSG2	13.4 x 8.5 x 9.9	
15		24	CFW500B24P0T4DB66G2	13.4 x 8.5 x 8.9	CFW500B24P0T4DB66DSG2	13.4 x 8.5 x 9.9	
25		31	CFW500B31P0T4DB66G2	13.4 x 8.5 x 8.9	CFW500B31P0T4DB66DSG2	13.4 x 8.5 x 9.9	
575 VAC / 3 Phase		<b>Input Power Supply: Three-Phase 500-600 VAC</b>					
	1.5	1.7	CFW500B01P7T5DB66	13.4 x 8.5 x 8.9	CFW500B01P7T5DB66DS	13.4 x 8.5 x 9.9	
	3	3.0	CFW500B03P0T5DB66	13.4 x 8.5 x 8.9	CFW500B03P0T5DB66DS	13.4 x 8.5 x 9.9	
	3	4.3	CFW500B04P3T5DB66	13.4 x 8.5 x 8.9	CFW500B04P3T5DB66DS	13.4 x 8.5 x 9.9	
	7.5	7.0	CFW500B07P0T5DB66	13.4 x 8.5 x 8.9	CFW500B07P0T5DB66DS	13.4 x 8.5 x 9.9	
	10	10.0	CFW500B10P0T5DB66	13.4 x 8.5 x 8.9	CFW500B10P0T5DB66DS	13.4 x 8.5 x 9.9	
	10	12.0	CFW500B12P0T5DB66	13.4 x 8.5 x 8.9	CFW500B12P0T5DB66DS	13.4 x 8.5 x 9.9	

**Notes:**

- 1) "HP" rating based on WEG W22 motors "average FLA values". Use as a guide only.
- 2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of drive.

**For pricing, contact your Local WEG distributor.**

To locate a distributor, Please visit <https://www.weg.net/institutional/US/en/contact/where-to-buy>



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