

# WorldDrive FC Variable Frequency Drive

- Built to provide flexible control of your motor applications from conveyors to pumps and almost everything in between
- Powerful & versatile— Volts to frequency (V/f), slip compensation, and sensorless vector control technology
- Ultimate control - All operational parameters can be configured using the intuitive, built-in keypad, and the current status is shown clearly on the display.
- Built for clean, dry environments— IP20-rated and protected in a NEMA 1 polycarbonate enclosure
- 0.5 - 800\* hp



## Product Features & Specifications

- Starting current:
- 150% Overload for 60 Seconds, CT
- 120% Overload for 60 Seconds, VT
- 240V, Single-phase, 0.5-10 hp
- 240V, Three-phase, 1-25 hp VT / 0.5-20 hp CT
- 480V, Three-phase, 1-800 hp VT / 0.5-650 hp CT
- Input Voltage range:
  - 200-240V Single/three-phase (-15%, +10%)
  - 380-480V Three-phase (-15%, +10%)
- Output frequency: 0-400Hz; sensorless: 0-120Hz
- Carrier frequency: normal-duty: 1-15kHz
- Conformal coated printed circuit boards
- Built-In Modbus RTU
- Built-In PID loop control
- Real-time event clock
- Higher ratings available for single-phase input
- Multi-motor control and multi-master control

## Accessories:

- NEMA 1 conduit connection box
- Remote cable with keypad
- NEMA 4X keypad mount



**Responsive**  
Service & Technical Support



**Quality Products**  
Competitive Pricing



**In Stock Availability**  
Warehouses Nationwide



**Fast Shipping**  
Same-Day Available



MC-FLY-WDFC-02-2025

UL Three-phase				UL Single-phase VT - Normal-duty			Built-In EMC Filter	Built-In DC Reactor	Model	Dimensions H x W x D (in)*	Approx. Weight (lbs)		
Heavy-duty (CT) 150% Overload		Normal-duty (VT) 120% Overload		Single- phase Input		Three- phase Output							
hp	Amps	hp	Amps	hp	Amps	Amps							
<b>230 Volt</b>													
0.5	2.5	1	5	0.5	4.9	2.9	NO	NO	WDFC0008-2	9.1 x 6.3 x 7.1	8		
1	5.0	2	8	1	8.4	4.4			WDFC0015-2	9.1 x 6.3 x 7.1	8		
2	8.0	3	12	1.5	12.9	6.4			WDFC0022-2	9.1 x 6.3 x 7.1	8		
3	11	5	16	2	17.5	8.4			WDFC0037-2	9.1 x 6.3 x 7.1	8		
5	17	7.5	22	3	23.7	11			WDFC0055-2	9.1 x 6.3 x 7.1	8		
7.5	24	10	30	5	32.7	16			WDFC0075-2	9.1 x 6.3 x 7.1	8		
10	32	15	42	5	46.4	23			WDFC0110-2	9.1 x 6.3 x 7.1	8		
15	46	20	56	7.5	62.3	30			WDFC0150-2	11.4 x 7.1 x 8.1	11		
20	60	25	69	10	77.2	37			WDFC0185-2	13.8 x 8.7 x 8.8	16		
<b>460 Volt</b>													
0.5	1.3	1	2.5	0.5	2.4	1.6	YES	NO	WDFC0008-4	9.1 x 6.3 x 7.1	8		
1	2.5	2	4.0	1	4.2	2.4			WDFC0015-4	9.1 x 6.3 x 7.1	8		
2	4.0	3	6.0	1.5	6.5	3.5			WDFC0022-4	9.1 x 6.3 x 7.1	8		
3	5.5	5	8.0	2	8.7	4.6			WDFC0037-4	9.1 x 6.3 x 7.1	8		
5	8.0	7.5	12	3	12.2	6.8			WDFC0055-4	9.1 x 6.3 x 7.1	8		
7.5	12	10	16	5	17.5	9.2			WDFC0075-4	9.1 x 6.3 x 7.1	8		
10	15	15	24	7.5	26.5	14			WDFC0110-4	9.1 x 6.3 x 7.1	8		
15	22	20	30	10	33.4	17			WDFC0150-4	11.4 x 7.1 x 8.1	11		
20	28	25	38	10	42.5	22			WDFC0185-4	11.4 x 7.1 x 8.1	11		
25	35	30	45	15	50.7	26			WDFC0220-4	13.8 x 8.7 x 8.8	17		
30	41	40	61	20	69.1	36	WDFC0300-4	13.8 x 8.7 x 8.8	17				
40	55	50	75	25	69.3	39	NO	YES	WDFC0370-4	17.7 x 10.8 x 11.2	58		
50	67	60	91	30	84.6	47			WDFC0450-4	20.1 x 12.8 x 11.2	95		
60	81	75	107	40	100.1	55			WDFC0550-4	20.1 x 12.8 x 11.2	95		
75	106	100	142	50	133.6	73			WDFC0750-4	21.7 x 12.8 x 12.2	95		
100	136	125	169	60	160.0	86			WDFC0900-4	21.7 x 12.8 x 12.2	95		
125	169	150 *	223	60	215.1	86			WDFC1100-4	27.8 x 11.8 x 15.2	123		
150	195	200 *	264	75	254.6	101			NO	YES	WDFC1320-4	27.8 x 11.8 x 15.2	123
200	255	250 *	325	100	315.3	137					WDFC1600-4	27.8 x 15.0 x 15.6	165
250	303	300 *	370	125	358.9	157					WDFC1850-4	27.8 x 15.0 x 15.6	165
250	345	350 *	432	150	419.1	181					WDFC2200-4	36.3 x 17.3 x 17.3	265
300	375	400 *	481	150	469.3	195	WDFC2500-4	36.3 x 17.3 x 17.3			265		
400	478	500 *	613	150	598.1	218	WDFC3150-4	39.4 x 23.6 x 19.7			409		
450	541	550 *	683	200	666.4	245	WDFC3550-4	39.4 x 23.6 x 19.7			409		
500	591	650 *	770	250	751.3	308	WDFC4000-4	39.4 x 23.6 x 19.7			409		
650	740	800 *	962	350	938.6	414	WDFC5000-4	41.5 x 30.6 x 19.7			585		

\* Variable Torque: 110% Overload  
All WDFC drives can be used for single-phase input / three-phase output - please consult factory to size appropriately  
Given weights and dimensions are approximate



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Distribution Centers in Atlanta (GA), Dallas (TX),  
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