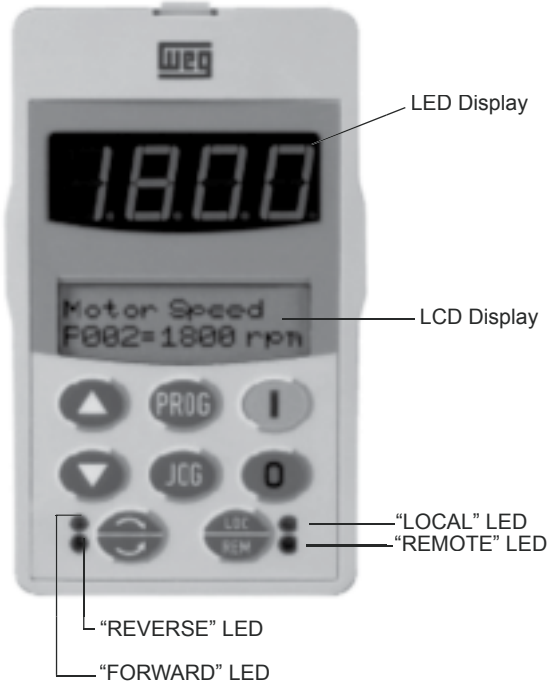


CFW 09 VECTRUE INVERTER

KEYPAD



INTELLIGENT KEYPAD

Intelligent operator interface with double display, LED (7 segment) and LCD (2 lines with 16 characters), providing optimum distant viewing along with a detailed description of all parameters and messages.

SELECTABLE LANGUAGE

The language of the LCD display messages can be selected by the operator. English, Spanish and Portuguese are available.

ORIENTED START-UP

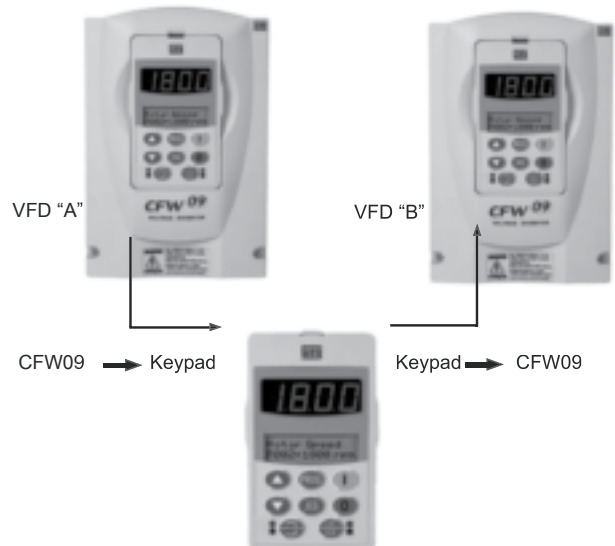
The CFW09 "Oriented Start-up" feature was specially created to facilitate and expedite the start-up procedure. At the first power-up or after a reset to factory default parameters, an automatic programming routine guides the operator through a sequence of steps for the introduction of the minimum parameters necessary for a perfect adaptation between drive and motor.

COPY FUNCTION

This intelligent keypad also incorporates a "Copy Function", which allows copying parameters from one drive to others, providing easy and reliable programming repeatability for duplicate applications. Keypad can store two complete sets of user parameters.

Keypad Functions

	Starts the VFD via a controlled acceleration ramp. When running switches the display indication: rpm - Volts - Status - Torque - Hz - Amps
	Stops the VFD via a controlled deceleration ramp. Resets the VFD after a fault trip has occurred.
	Increases the speed or parameter number/content.
	Decreases the speed or parameter number/content.
	Switches the display between the parameter number and its content (position/content) for programming.
	While pressed the motor is run at JOG speed.
	FWD/REV key. When pressed reverses the direction of rotation.
	Selects the VFD operating mode as Local or Remote.



VARIABLE FREQUENCY DRIVES



CFW09 – NEMA1 ENCLOSURE

FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

CRUSHER® DUTY

IEC TRU-METRIC™

PUMP MOTORS

DEFINITE PURPOSE

ADD-ON™ MODIFICATIONS

MOTOR TECHNICAL DATA

DRIVES & SOFT STARTERS

CONTROLS

Motor Volts	Motor HP		Drive AMPS		Catalog Number	Braking Transistor	Frame Size	Dimensions H x W x D	App. Shpg. Wt.	List Price	Multiplier Symbol	
	CT*	VT*	CT*	VT*								
230 V	INPUT POWER SUPPLY: SINGLE OR THREE-PHASE - 230V											
	1 or 1.5		6		CFW-090006TDZ	YES	1	8.3 X 5.6 X 7.7	9	\$ 1,399	V1	
	2		7		CFW-090007TDZ		1	8.3 X 5.6 X 7.7	9	\$ 1,418	V1	
	3		10		CFW-090010TDZ		1	8.3 X 5.6 X 7.7	9	\$ 1,493	V1	
	INPUT POWER SUPPLY: THREE-PHASE - 230V											
		3		13		CFW-090013TDZ	YES	1	8.3 X 5.6 X 7.7	9	\$ 1,530	V1
		5		16		CFW-090016TDZ		2	11.4 X 7.2 X 7.7	15	\$ 1,652	V1
		7.5		24		CFW-090024TDZ		2	11.4 X 7.2 X 7.7	15	\$ 2,169	V1
		10		28		CFW-090028TDZ	NO use CFW-090008TDBZ BELOW	2	11.4 X 7.2 X 7.7	15	\$ 2,401	V1
		15		45		CFW-090045TDZ		3	15.3 X 8.9 X 10.8	46	\$ 3,661	V1
		20	25	54	68	CFW-090054TDZ		4	18.7 X 9.8 X 10.8	55	\$ 5,095	V1
		25	30	70	86	CFW-090070TDZ	NO use CFW-090008TDBZ BELOW	5	21.6 X 13.2 X 10.8	101	\$ 7,360	V1
		30	40	86	105	CFW-090086TDZ		5	21.6 X 13.2 X 10.8	101	\$ 7,748	V1
		40	50	105	130	CFW-090105TDZ		6	26.6 X 13.2 X 11.8	135	\$ 9,247	V1
		50		130	150	CFW-090130TDZ	NO use CFW-090008TDBZ BELOW	6	26.6 X 13.2 X 11.8	135	\$ 9,909	V1
		50	60	142	174	CFW-090142TDZ		7	32.9 X 13.2 X 11.8	172	\$ 11,527	V1
		20	25	54	68	CFW-090054TDBBZ		4	18.7 X 9.8 X 10.8	55	\$ 5,376	V1
		25	30	70	86	CFW-090070TDBBZ	YES	5	21.6 X 13.2 X 10.8	101	\$ 7,662	V1
		30	40	86	105	CFW-090086TDBBZ		5	21.6 X 13.2 X 10.8	101	\$ 8,063	V1
		40	50	105	130	CFW-090105TDBBZ		6	26.6 X 13.2 X 11.8	135	\$ 10,041	V1
		50		130	150	CFW-090130TDBBZ	NO use CFW-090008TDBZ BELOW	6	26.6 X 13.2 X 11.8	135	\$ 10,759	V1
		50	60	142	174	CFW-090142TDBBZ		7	32.9 X 13.2 X 11.8	172	\$ 13,171	V1
		60		180		CFW-090180TDZ		8	38.4 X 16.1 X 14.6	243	\$ 15,962	V1
		75		240		CFW-090240TDZ	(!) EXTERNAL**	8	38.4 X 16.1 X 14.6	243	\$ 24,166	V1
	460 V	INPUT POWER SUPPLY: THREE PHASE - 460V										
1 or 1.5		2	3.6		CFW-090003TGZ	YES	1	8.3 x 5.6 x 7.7	9	\$ 1,569	V1	
2			4		CFW-090004TGZ		1	8.3 x 5.6 x 7.7	9	\$ 1,607	V1	
3			5.5		CFW-090005TGZ		1	8.3 x 5.6 x 7.7	9	\$ 1,666	V1	
		5		9		CFW-090009TGZ	YES	1	8.3 x 5.6 x 7.7	9	\$ 2,130	V1
		7.5		13		CFW-090013TGZ		2	11.4 x 7.2 x 7.7	15	\$ 2,228	V1
		10		16		CFW-090016TGZ		2	11.4 x 7.2 x 7.7	15	\$ 2,712	V1
		15		24		CFW-090024TGZ	NO USE CFW-090008TDBZ BELOW	2	11.4 x 7.2 x 7.7	15	\$ 3,023	V1
		20	25	30	36	CFW-090030TGZ		3	15.3 x 8.9 x 10.8	46	\$ 3,873	V1
		25	30	38	45	CFW-090038TGZ		4	18.7 x 9.8 x 10.8	55	\$ 4,553	V1
		30	40	45	54	CFW-090045TGZ	NO USE CFW-090008TDBZ BELOW	4	18.7 x 9.8 x 10.8	55	\$ 5,870	V1
		40	50	60	70	CFW-090060TGZ		5	21.6 x 13.2 x 10.8	101	\$ 7,356	V1
		50	60	70	86	CFW-090070TGZ		5	21.6 x 13.2 x 10.8	101	\$ 8,190	V1
		60	75	86	105	CFW-090086TGZ	NO USE CFW-090008TDBZ BELOW	6	26.6 x 13.2 x 11.8	135	\$ 9,746	V1
		75	100	105	130	CFW-090105TGZ		6	26.6 x 13.2 x 11.8	135	\$ 11,376	V1
		100	125	142	174	CFW-090142TGZ		7	32.9 x 13.2 x 12.2	172	\$ 12,997	V1
		25	30	38	45	CFW-090038TGDBZ	YES	4	18.7 x 9.8 x 10.8	55	\$ 4,953	V1
		30	40	45	54	CFW-090045TGDBZ		4	18.7 x 9.8 x 10.8	55	\$ 6,744	V1
		40	50	60	70	CFW-090060TGDBZ		5	21.6 x 13.2 x 10.8	101	\$ 8,517	V1
		50	60	70	86	CFW-090070TGDBZ	YES	5	21.6 x 13.2 x 10.8	101	\$ 9,991	V1
		60	75	86	105	CFW-090086TGDBZ		6	26.6 x 13.2 x 11.8	135	\$ 11,500	V1
		75	100	105	130	CFW-090105TGDBZ		6	26.6 x 13.2 x 11.8	135	\$ 14,025	V1
		100	125	142	174	CFW-090142TGDBZ	EXTERNAL**	7	32.9 x 13.2 x 12.2	172	\$ 16,167	V1
		150		180		CFW-090180TGZ		8	38.4 x 16.1 x 14.6	243	\$ 20,225	V1
		150		211		CFW-090211TGZ		8	38.4 x 16.1 x 14.6	243	\$ 23,802	V1
		200		240		CFW-090240TGZ	EXTERNAL**	8	38.4 x 16.1 x 14.6	243	\$ 27,511	V1
		250		312		CFW-090312TGZ		9	39.4 x 27.5 x 19.3	529	\$ 29,366	V1
		300		361		CFW-090361TGZ		9	39.4 x 27.5 x 19.3	529	\$ 31,314	V1
		350		450		CFW-090450TGZ	EXTERNAL**	10	46.6 x 27.5 x 19.3	635	\$ 41,027	V1
		400		515		CFW-090515TGZ		10	46.6 x 27.5 x 19.3	635	\$ 43,970	V1
	500		600		CFW-090600TGZ	10		46.6 x 27.5 x 19.3	635	\$ 50,088	V1	

* CT = Constant Torque; VT = Variable Torque

** See Options and Accessories

(!) Non-Stocked Item, consult WEG for availability

Notes: 1) "HP" rating based on TABLE 430 - 150NEC. ALWAYS compare motor FLA to Nominal AMPS of drive.

2) The 6, 7, and 10A/230V models and be single-phase powered without

3) Above 200HP enclosure is IP20 "finger safe".



VARIABLE FREQUENCY DRIVES



CFW09 – NEMA 1 ENCLOSURE

Motor Volts	Motor HP		Drive Amps		Catalog Number	Braking Transistor	Frame Size	Dimensions H x W x D	App. Shpg. Wt. (lbs.)	List Price	Multiplier Symbol
	CT*	VT*	CT*	VT*							
575 V	INPUT POWER SUPPLY: THREE PHASE - 575V										
	2	3	2.9	4	CFW-090002THZ	YES	2	11.4 x 7.2 x 7.7	15	\$ 1,607	V1
	3	5	4.2	7	CFW-090004THZ		2	11.4 x 7.2 x 7.7	15	\$ 1,665	V1
	5	7.5	7	10	CFW-090007THZ		2	11.4 x 7.2 x 7.7	15	\$ 2,131	V1
	7.5	10	10	12	CFW-090010THZ		2	11.4 x 7.2 x 7.7	15	\$ 2,229	V1
	10	15	12	14	CFW-090012THZ		2	11.4 x 7.2 x 7.7	15	\$ 2,711	V1
	15		14		CFW-090014THZ		2	11.4 x 7.2 x 7.7	15	\$ 3,023	V1
	20	25	22	27	CFW-090022THZ	NO USE CFW-09XXXXTHDBZ BELOW	4	18.7 x 9.8 x 10.8	55	\$ 3,873	V1
	25	30	27	32	CFW-090027THZ		4	18.7 x 9.8 x 10.8	55	\$ 4,552	V1
	30		32		CFW-090032THZ		4	18.7 x 9.8 x 10.8	55	\$ 6,197	V1
	40	50	44	53	CFW-090044THZ		7	32.9 x 13.2 x 11.8	172	\$ 8,258	V1
	50	60	53	63	CFW-090053THZ		7	32.9 x 13.2 x 11.8	172	\$ 9,746	V1
	60	75	63	79	CFW-090063THZ		7	32.9 x 13.2 x 11.8	172	\$ 11,600	V1
	75	100	79	99	CFW-090079THZ	YES	7	32.9 x 13.2 x 11.8	172	\$ 14,117	V1
	20	25	22	27	CFW-090022THDBZ		4	18.7 x 9.8 x 10.8	55	\$ 4,311	V1
	25	30	27	32	CFW-090027THDBZ		4	18.7 x 9.8 x 10.8	55	\$ 5,084	V1
	30		32		CFW-090032THDBZ		4	18.7 x 9.8 x 10.8	55	\$ 6,892	V1
	40	50	44	53	CFW-090044THDBZ		7	32.9 x 13.2 x 11.8	172	\$ 8,965	V1
	50	60	53	63	CFW-090053THDBZ		7	32.9 x 13.2 x 11.8	172	\$ 10,497	V1
	60	75	63	79	CFW-090063THDBZ	EXTERNAL**	7	32.9 x 13.2 x 11.8	172	\$ 12,576	V1
	75	100	79	99	CFW-090079THDBZ		7	32.9 x 13.2 x 11.8	172	\$ 15,992	V1
	INPUT POWER SUPPLY: THREE PHASE - 575 to 690V										
	100	150	107	147	CFW-090107THZ	EXTERNAL**	8E	45.1 x 16.1 x 14.6	279	\$ 17,182	V1
	150	200	147	196	CFW-090147THZ		8E	45.1 x 16.1 x 14.6	279	\$ 25,211	V1
	200		211		CFW-090211THZ		8E	45.1 x 16.1 x 14.6	279	\$ 34,172	V1
	250	300	247	315	CFW-090247THZ		10E	46.7 x 27.6 x 22.9	751	\$ 36,040	V1
	300	350	315	343	CFW-090315THZ		10E	46.7 x 27.6 x 22.9	751	\$ 39,039	V1
	350	400	343	418	CFW-090343THZ		10E	46.7 x 27.6 x 22.9	751	\$ 52,458	V1
	400	500	418	472	CFW-090418THZ		10E	46.7 x 27.6 x 22.9	751	\$ 56,553	V1
	500	600	472	555	CFW-090472THZ		10E	46.7 x 27.6 x 22.9	751	\$ 60,186	V1

* CT = Constant Torque; VT = Variable Torque

** See Options and Accessories

- Notes:**
- 1) "HP" rating based on TABLE 430 - 150NEC. **ALWAYS compare motor FLA to Nominal AMPS of drive.**
 - 2) Above 200HP enclosure is IP20 "finger safe".
 - 3) All 575V drives are non-stocked items, consult WEG for availability.

FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

CRUSHER® DUTY

IEC TRU-METRIC™

PUMP MOTORS

DEFINITE PURPOSE

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