

Enclosed Drive Panel

CFW09 - EDP

30-500 Hp

- Tough
- Reliable
- Durable
- Quality



USAEDP09



EDP

The Enclosed Drive Panel is an industrial general purpose AC motor control and protection package. It is designed for simple and quick installation and start-up, requiring only input power and output motor connections. There are several enclosure variants available such as NEMA 12 ventilated, NEMA 3R for Outdoor Installations, Nema 4 and Nema 4X.

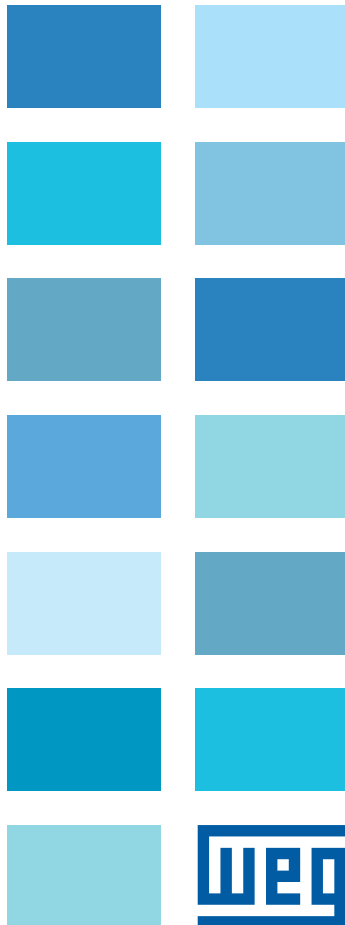
The Enclosed Drive Panel is built to complement the ruggedness and reliability of WEG motors, providing a complete, simple, and cost effective AC motor control, monitor and protection solution.

Standard Panel Includes:

- Variable Frequency Drive CFW09
- Circuit Breaker Through Door Disconnect
- Control Power Transformer
- Motor Terminal Block
- Door Mounted Keypad

Optional Features:

- Line Reactor
- Load Reactor
- 2 Contactor By-pass
- Dynamic Braking



- Lightning Arrestor
- Potentiometer
- E-Stop
- HOA
- Start/Stop Pushbuttons
- Run / Fault Pilot Lights
- NEMA 3R Enclosure for Outdoor Installations
- NEMA 4 Enclosure
- NEMA 4X Enclosure

Standard Features:

- V/Hz and Sensorless Vector Control
- 230V, 460V and 575V Input Voltage
- 2 Isolated Analog Inputs
- 6 Programmable Digital Inputs
- 2 Programmable Relay Outputs
- 150% Overload 1min

Applications:

- Pumps
- Fans
- Blowers
- Conveyors
- Rollout tables
- Agitators
- Mixers

Notes: "HP" rating based on "average FLA values". Use as a guide only. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS and Max Continuous AMPS of starter.

Wall Mounted 230V : 30 - 50hp: 86A – 130A
 460V : 30 - 75hp: 45A – 105A

Free Standing: 230V : 60hp – 75hp: 180 A – 240A
 460V : 100hp – 500hp: 142 A – 600A

EDP Package



230V										
HP	Current (A)	Drive Model	NEMA 12 VENT. Enclosure	List Price	2 Contactor Bypass Adder	3 Contactor Bypass Adder	Dynamic Braking Adder	Line Reactor Adder	Load Reactor Adder	Lightning Arrestor Adder
30	86	CFW090086TDZ	60x36x16	\$13,332	\$1,071	\$1,660	\$996	\$870	\$870	\$263
40	105	CFW090105TDZ	72x36x16	\$15,454	\$1,222	\$1,894	\$1,246	\$1,249	\$1,249	\$263
50	130	CFW090130TDZ	72x36x16	\$16,481	\$1,706	\$2,645	\$1,315	\$1,441	\$1,441	\$263
50	142	CFW090142TDZ	72x72x18	\$21,575	\$1,726	\$2,676	\$2,365	\$1,441	\$1,441	\$263
60	180	CFW090180TDZ	72x72x18	\$25,925	\$2,222	\$3,445	\$3,610	\$1,641	\$1,641	\$263
75	240	CFW090240TDZ	72x72x18	\$33,478	\$2,991	\$4,635	\$4,299	\$1,678	\$1,678	\$263

460V										
HP	Current (A)	Drive Model	NEMA 12 VENT. Enclosure	List Price	2 Contactor Bypass Adder	3 Contactor Bypass Adder	Dynamic Braking Adder	Line Reactor Adder	Load Reactor Adder	Lightning Arrestor Adder
30	45	CFW090045TGZ	48x36x16	\$9,979	\$679	\$1,052	\$1,828	\$599	\$599	\$263
40	60	CFW090060TGZ	60x36x16	\$11,841	\$817	\$1,266	\$2,263	\$670	\$670	\$263
50	70	CFW090070TGZ	60x36x16	\$12,445	\$941	\$1,458	\$2,570	\$764	\$764	\$263
60	86	CFW090086TGZ	72x36x16	\$14,797	\$1,071	\$1,660	\$3,067	\$796	\$796	\$263
75	105	CFW090105TGZ	72x36x16	\$15,822	\$1,222	\$1,894	\$4,145	\$1,084	\$1,084	\$263
100	142	CFW090142TGZ	72x72x18	\$21,568	\$1,726	\$2,676	\$5,154	\$1,244	\$1,244	\$263
150	180	CFW090180TGZ	72x72x18	\$28,000	\$2,222	\$3,445	\$4,407	\$1,741	\$1,741	\$263
150	211	CFW090211TGZ	72x72x18	\$30,898	\$2,682	\$4,158	\$4,813	\$1,741	\$1,741	\$263
200	240	CFW090240TGZ	72x72x18	\$32,440	\$2,991	\$4,635	\$5,145	\$2,181	\$2,181	\$263
250	312	CFW090312TGZ	90x72x24	\$42,930	\$4,125	\$6,393	\$6,307	\$2,472	\$2,472	\$263
300	361	CFW090361TGZ	90x72x24	\$44,489	\$4,306	\$6,674	\$6,853	\$2,540	\$2,540	\$263
350	450	CFW090450TGZ	90x72x24	\$52,723	\$6,064	\$9,400	\$7,541	\$2,895	\$2,895	\$263
400	515	CFW090515TGZ	90x72x24	\$62,354	\$7,135	\$11,059	\$9,078	\$3,168	\$3,168	\$263
500	600	CFW090600TGZ	90x72x24	\$68,354	\$7,216	\$11,185	\$9,180	\$5,246	\$5,246	\$263

575V										
HP	Current (A)	Drive Model	NEMA 12 VENT. Enclosure	List Price	2 Contactor Bypass Adder	3 Contactor Bypass Adder	Line Reactor Adder	Load Reactor Adder	Lightning Arrestor Adder	
30	32	CFW090032THZ	48x36x16	\$10,813	\$508	\$787	\$494	\$494	\$263	
40	44	CFW090044THZ	72x72x18	\$17,068	\$686	\$1,064	\$548	\$548	\$263	
50	53	CFW090053THZ	72x72x18	\$18,743	\$817	\$1,266	\$582	\$582	\$263	
60	63	CFW090063THZ	72x72x18	\$20,578	\$912	\$1,414	\$745	\$745	\$263	
75	79	CFW090079THZ	72x72x18	\$23,182	\$961	\$1,489	\$769	\$769	\$263	
100	107	CFW090107THZ	72x72x18	\$26,517	\$1,425	\$2,208	\$1,084	\$1,084	\$263	
150	147	CFW090147THZ	72x72x18	\$35,075	\$1,726	\$2,676	\$1,488	\$1,488	\$263	
200	211	CFW090211THZ	72x72x18	\$44,119	\$2,682	\$4,158	\$1,590	\$1,590	\$263	
250	247	CFW090247THZ	90x72x36	\$49,452	\$3,011	\$4,667	\$1,763	\$1,763	\$263	
300	315	CFW090315THZ	90x72x36	\$57,403	\$4,104	\$6,362	\$2,100	\$2,100	\$263	
350	343	CFW090343THZ	90x72x36	\$70,764	\$4,306	\$6,674	\$2,326	\$2,326	\$263	
400	418	CFW090418THZ	90x72x36	\$75,399	\$6,064	\$9,400	\$2,447	\$2,447	\$263	
500	472	CFW090472THZ	90x72x36	\$83,404	\$7,135	\$11,059	\$2,876	\$2,876	\$263	

Standard panel includes drive, circuit breaker, control transformer, door mounted keypad and filtered fan mounted in a NEMA 12 enclosure.

Bypass adder includes full voltage contactor, isolation contactor, overload, and Off/Bypass switch.

Start/Stop Pushbuttons Adder	Run/Fault Pilot Lights Adder	Speed Up/Down Pushbuttons Adder	Speed Pot Adder	HOA Switch Adder	E-Stop Adder
\$153	\$190	\$153	\$222	\$116	\$92



EDP

Optional Features

230V									
HP	Current (A)	Drive Model	Disc. + High Speed Fuses Adder	NEMA 3R Dimensions	NEMA 3R Adder	NEMA 4 Dimensions	NEMA 4 Adder	NEMA 4X Stainless Steel Dimensions	NEMA 4X Stainless Steel Adder
30	86	CFW090086TDZ	\$993	60x36x16	\$328	60x36x16	\$5,688	60x36x16	\$10,206
40	105	CFW090105TDZ	\$993	72x36x16	\$389	72x36x24	\$6,636	72x36x16	\$10,630
50	130	CFW090130TDZ	\$993	72x36x16	\$389	72x36x24	\$9,112	72x36x16	\$13,652
50	142	CFW090142TDZ	\$993	72x72x18	\$889	72x72x18	\$9,694	72x72x18	\$22,880
60	180	CFW090180TDZ	\$993	72x72x18	\$889	72x72x18	\$10,722	72x72x18	\$23,963
75	240	CFW090240TDZ	\$1,362	72x72x18	\$889	72x72x18	\$10,049	72x72x18	\$23,289

460V									
HP	Current (A)	Drive Model	Disc. + High Speed Fuses	NEMA 3R Dimensions	NEMA 3R Adder	NEMA 4 Dimensions	NEMA 4 Adder	NEMA 4X Stainless Steel Dimensions	NEMA 4X Stainless Steel Adder
30	45	CFW090045TGZ	\$993	48x36x16	\$280	48x36x16	\$4,469	48x36x16	\$7,852
40	60	CFW090060TGZ	\$993	60x36x16	\$328	60x36x16	\$6,207	60x36x16	\$10,634
50	70	CFW090070TGZ	\$993	60x36x16	\$328	60x36x16	\$6,207	60x36x16	\$10,634
60	86	CFW090086TGZ	\$993	72x36x16	\$389	72x36x24	\$9,531	72x36x16	\$14,071
75	105	CFW090105TGZ	\$993	72x36x16	\$389	72x36x24	\$9,458	72x36x16	\$13,998
100	142	CFW090142TGZ	\$993	72x72x18	\$889	72x72x18	\$9,876	72x72x18	\$23,062
150	180	CFW090180TGZ	\$993	72x72x18	\$889	72x72x18	\$11,177	72x72x18	\$24,418
150	211	CFW090211TGZ	\$1,362	72x72x18	\$889	72x72x18	\$11,177	72x72x18	\$24,418
200	240	CFW090240TGZ	\$1,362	72x72x18	\$889	72x72x18	\$10,504	72x72x18	\$23,744
250	312	CFW090312TGZ	\$4,200	90x72x24	\$1,099	79x80x24	\$16,977	79x80x24	\$60,624
300	361	CFW090361TGZ	\$4,200	90x72x24	\$1,099	79x80x24	\$18,406	79x80x24	\$62,554
350	450	CFW090450TGZ	\$4,200	90x72x24	\$1,099	79x80x24	\$26,552	79x80x24	\$71,683
400	515	CFW090515TGZ	\$5,400	90x72x24	\$1,099	79x80x24	\$26,862	79x80x24	\$72,521
500	600	CFW090600TGZ	\$5,400	90x72x24	\$1,099	79x80x24	\$26,862	79x80x24	\$72,521

575V								
HP	Current (A)	Drive Model	Disc. + High Speed Fuses	NEMA 3R Dimensions	NEMA 3R Adder	NEMA 4 Dimensions	NEMA 4 Adder	NEMA 4X Stainless Steel Adder
30	32	CFW090032THZ	\$993	48x36x16	\$280	48x36x16	\$4,469	\$7,852
40	44	CFW090044THZ	\$993	72x72x18	\$889	72x72x18	\$7,891	\$20,440
50	53	CFW090053THZ	\$993	72x72x18	\$889	72x72x18	\$7,809	\$20,358
60	63	CFW090063THZ	\$993	72x72x18	\$889	72x72x18	\$10,449	\$23,635
75	79	CFW090079THZ	\$993	72x72x18	\$889	72x72x18	\$10,112	\$23,298
100	107	CFW090107THZ	\$993	72x72x18	\$889	72x72x18	\$10,039	\$23,225
150	147	CFW090147THZ	\$993	72x72x18	\$889	72x72x18	\$11,177	\$24,418
200	211	CFW090211THZ	\$1,362	72x72x18	\$889	72x72x18	\$11,177	\$24,418
250	247	CFW090247THZ	\$1,362	90x72x36	\$1,220			
300	315	CFW090315THZ	\$4,200	90x72x36	\$1,220			
350	343	CFW090343THZ	\$4,200	90x72x36	\$1,220			
400	418	CFW090418THZ	\$4,200	90x72x36	\$1,220			
500	472	CFW090472THZ	\$5,400	90x72x36	\$1,394			

NEMA 4/4X adder includes air conditioning unit.

Please contact your authorized distributor:



WEG Electric Corp.
 1327 Northbrook Parkway, Suite 490
 Suwanee, GA 30024
 Phone: 1-800-ASK-4WEG
www.weg.net