













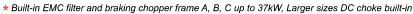
CP2000 series drives for energy-saving HVAC systems, Fan and Pump applications. Pre-configured with dedicated HVAC parameters, intelligent PID control, Sensorless Vector Control (SVC) and auto-tuning functions improve motor performance in variable torque load applications. Multi-segment V/F control curve and soft start functions improve efficiency with real-time adjustment of output voltage under variable torque load environments.

- · Built-in PLC 10K steps programming capacity with real-time-clock and calendar
- Skip frequency function (avoids motor vibration at specific frequency bandwidths)
- Built-in RS-485 (MODBUS) and BACnet MS/TP, expandable with extension cards
- · Multi-pump control of up to 8 motors provide fixed amount and fixed time circulation control
- · Flying start and auto restart after momentary power loss functions, suitable for fan application
- · Quick setup mode with pre-configured user defined parameter management, simplify installation
- · Energy saving control functions include PID control, sleep/wakeup mode and auto-energy saving mode
- Enhanced PCB coatings (IEC 60721-3-3 class 3C2 standard) ensures drive operation in harsh environments

0CP4EB-21	

type	motor rating	description	frame size	dime (H)	ensions ( (W)	mm) (D)
Three - phase input 380 - 480V 50/60Hz						

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VFD015CP4EB-21*	1.5kW	three phase AC motor drive	Α	250	130	170
VFD022CP4EB-21*	2.2kW	three phase AC motor drive	Α	250	130	170
VFD040CP4EA-21*	4.0kW	three phase AC motor drive	Α	250	130	170
VFD055CP4EB-21*	5.5kW	three phase AC motor drive	Α	250	130	170
VFD075CP4EB-21*	7.5kW	three phase AC motor drive	Α	250	130	170
VFD110CP4EB-21*	11.0kW	three phase AC motor drive	В	320	190	190
VFD150CP4EB-21*	15.0kW	three phase AC motor drive	В	320	190	190
VFD185CP4EB-21*	18.5kW	three phase AC motor drive	В	320	190	190
VFD220CP4EA-21*	22.0kW	three phase AC motor drive	С	400	250	210
VFD300CP4EB-21*	30.0kW	three phase AC motor drive	С	400	250	210
VFD370CP4EB-21*	37.0kW	three phase AC motor drive	С	400	250	210
VFD450CP43S-21	45.0kW	three phase AC motor drive	D0	500	280	255
VFD550CP43S-21	55.0kW	three phase AC motor drive	D0	500	280	255
VFD750CP43B-21	75.0kW	three phase AC motor drive	D	550	330	275
VFD900CP43A-21	90.0kW	three phase AC motor drive	D	550	330	275
VFD1100CP43A-21	110.0kW	three phase AC motor drive	Е	589	370	300
VFD1320CP43B-21	132.0kW	three phase AC motor drive	Е	589	370	300
VFD1600CP43A-21	160.0kW	three phase AC motor drive	F	800	420	300
VFD1850CP43B-21	185.0kW	three phase AC motor drive	F	800	420	300
VFD2200CP43A-21	220.0kW	three phase AC motor drive	G	1000	500	397
VFD2800CP43A-21	280.0kW	three phase AC motor drive	G	1000	500	397



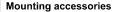


## Accessories for C2000 and CP2000 series drives

KPC-CC01	keypad	with LCD display, parameters backup function	
MKC-KPPK	bracket	remote panel adapter, (IP66)	
EMC-D42A	4DI / 2DO	digital I/O extension card, selectable NPN	
EMC-A22A	2AI / 2AO	analog I/O extension card, selectable	
EMC-R6AA	6 relay	,	extension card

## Fieldbus modules for C2000 and CP2000 series drives (plugs into drive)

CMC-EIP01	Ethernet	plug-in communication card	supports EtherNet/IP
CMC-DN01	DeviceNet	plug-in communication card	125kbp / 250kbps / 500kbps
CMC-PD01	Profibus-DP	plug-in communication card	9.6kbps - 12Mbps
EMC-COP01	CANopen	plug-in communication card	50kbps - 1Mbps
CMC-EC01	EtherCAT	plug-in communication card	10/100 Mbps Auto-Defect



Flange mount kits to permit the chassis mounting of drives with the heat-sink section protruding from the rear of the enclosure for improved cooling/heat dissipation of drives.

MKC-AFM	flange	mount kit for rear exposure of heat sink	for drive frame A
MKC-BFM	flange	mount kit for rear exposure of heat sink	for drive frame B
MKC-CFM	flange	mount kit for rear exposure of heat sink	for drive frame C
Rase mounting flang	e can he moved	to central position to expose heat sinks for	r frames D. F. F.

Conduit boxes		
MKC-DN1CB	frame	Conduit box kit for frame D1 (not D01)
MKC-EN1CB	frame	Conduit box kit for frame E1
MKC-FN1CB	frame	Conduit box kit for frame F1

