

## Enclosed NEMA 4 - Configured VFD Packages

- **Configured by you - Built by us with compressed lead times**
- **Heavy-duty enclosure protects your investment against the most demanding outdoor environments**
- **Ideal for rugged outdoor applications, such as oilfields, irrigation, aggregate, and more.**
- **Packaged systems are UL-compliant, assembled, tested, and ready for operation before shipment**
- **2 - 100 hp (CT) or 3 - 125 hp (VT)**
- **Powered by WorldDrive Flex Control Variable Frequency Drive**



### Standard Features

- Positive pressure filtered forced air cooled with dual control thermostat
- Rain hoods with direct spray barrier ensuring a proper NEMA rating seal to the enclosure
- Heavy-duty mounting ears and lifting strap
- Galvanized back panel
- UL489 main circuit breaker, with lockable disconnect mechanism
- 3% input reactors
- Control panel transformer with CB protection

### Configure for Your Application.

This standard package is also fully configurable with these options:

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>- EMI/RFI filter</li> <li>- RVSS bypass</li> <li>- Output sinewave filter</li> <li>- On-Off-Auto Selector Switch</li> <li>- Speed Potentiometer</li> <li>- start/stop pushbuttons</li> <li>- 40mm All stop pushbutton</li> <li>- Hand-off-auto selector switch</li> <li>- Surge suppression</li> <li>- Lightning and surge protection<sup>1</sup></li> <li>- Installed SID1 text keypad</li> <li>- WDFC LCD Keypad</li> <li>- WDFC LCD keypad with 4X cover</li> </ul> | <ul style="list-style-type: none"> <li>- Installed SID7 operator interface</li> <li>- Panel space heater, 150W</li> <li>- Panel space heater, 50W</li> <li>- Green run pilot light</li> <li>- Amber fault pilot light and reset Pushbutton</li> <li>- White drive ready pilot light</li> <li>- Lockable, solid control door cover</li> <li>- 4X Clear HMI door cover</li> <li>- 10"H x 8"W</li> <li>- Lockable, window control door cover</li> <li>- 24/7 timer</li> </ul> | <ul style="list-style-type: none"> <li>- Vortex Enclosure<sup>2</sup></li> <li>- ROM1 Remote Operating Module</li> <li>- WCD WDFC Ethernet IP or</li> <li>- Ethernet TCP/IP</li> <li>- WCD WDFC Modbus to</li> <li>- Ethernet IP gateway</li> <li>- Cellular based Netbiter</li> <li>- Ethernet based Netbiter</li> <li>- Ethernet/cellular based Netbiter</li> <li>- WDFC-Expanded input/output card: 2-DI, 3-RO, 1-AI, 1-AO</li> </ul> |
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**Quality Products**  
Competitive Pricing



**Fast Shipping**  
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**Powered by WorldDrive Flex Control Variable Frequency Drive**



- Volts to frequency (V/f), slip compensation, and sensorless vector control technology
- All operational parameters can be configured using the intuitive, built-in keypad, and the current status is shown clearly on the display.
- IP20-rated and protected in a NEMA 1 polycarbonate enclosure
- Built-In Modbus RTU and PID Loop Control

**Specifications**

- Starting current:
  - 150% Overload for 60 seconds, CT
  - 120% Overload for 60 seconds, VT
- 240V, Single-phase and three-phase
- 480V, Three-phase
- 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

Voltage	Constant Torque		Variable Torque		Model	Dimensions H x W x D (in)*
	Heavy-duty		Normal-duty			
	hp	Amps	hp	Amps		
230	2	8	3	12	WCD4C-012B2A	30 x 20 x 10
230	3	11	5	16	WCD4C-016B2A	30 x 20 x 10
230	5	17	7.5	22	WCD4C-022B2A	30 x 20 x 10
230	7.5	24	10	30	WCD4C-030B2A	30 x 20 x 10
230	10	32	15	42	WCD4C-042B2A	30 x 20 x 10
230	15	46	20	56	WCD4C-056B2A	36 x 24 x 12
230	20	60	25	69	WCD4C-069B2A	36 x 24 x 12
460	2	4	3	6	WCD4C-006B4A	30 x 20 x 10
460	3	5.5	5	8	WCD4C-008B4A	30 x 20 x 10
460	5	8	7.5	12	WCD4C-012B4A	30 x 20 x 10
460	7.5	12	10	16	WCD4C-016B4A	30 x 20 x 10
460	10	15	15	24	WCD4C-024B4A	30 x 20 x 10
460	15	22	20	30	WCD4C-030B4A	36 x 24 x 12
460	20	28	25	38	WCD4C-038B4A	36 x 24 x 12
460	25	35	30	45	WCD4C-045B4A	36 x 24 x 12
460	30	41	40	61	WCD4C-061B4A	36 x 24 x 12
460	40	55	50	75	WCD4C-075B4A	48 x 30 x 16
460	50	67	60	91	WCD4C-091B4A	48 x 30 x 16
460	60	81	75	107	WCD4C-107B4A	48 x 30 x 16
460	75	106	100	142	WCD4C-142B4A	48 x 30 x 16
460	100	136	125	169	WCD4C-169B4A	48 x 30 x 16

\* Given weights and dimensions are approximate. For ratings higher than shown in the table above - consult factory.  
 1 Lightning & Surge protection covering momentary anomaly events: - Line Side Lightning, Surge, and Severe Over-Voltage; - Load Side Single Phasing, Phase Reversal, and Voltage Imbalance.  
 2 V Option for WDFC 100 - 300 hp (VT) and 75 - 250 hp (CT) NEMA3R or NEMA 4 models

