worldwideelectric.com
(800) 808-2131

Enclosed NEMA 3R - 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**
- **0.5 - 650 hp (CT) or 1 - 800 hp (VT)**
- **Powered by WorldDrive Flex Control Variable Frequency Drive**



Standard Features

- Filtered forced air cooled with dual control thermostat
- Hooded roof, heavy-duty mounting ears and lifting strap
- Concealed hinges
- Lockable door
- 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:

- EMI/RFI filter
- RVSS bypass
- Output sinewave filter
- On-Off-Auto Selector Switch
- Speed Potentiometer
- start/stop pushbuttons
- 40mm All stop pushbutton
- Hand-off-auto selector switch
- Surge suppression
- Lightning and surge protection[1]
- Installed SID1 text keypad
- WDFC LCD Keypad
- WDFC LCD keypad with 4X cover
- Installed SID7 operator interface
- Panel space heater, 150W
- Panel space heater, 50W
- Green run pilot light
- Amber fault pilot light and reset Pushbutton
- White drive ready pilot light
- Lockable, solid control door cover
- 4X Clear HMI door cover
- 10”H x 8”W
- Lockable, window control door cover
- 24/7 timer
- Vortex Enclosure[2]
- ROM1 Remote Operating Module
- WCD WDFC Ethernet IP or
- Ethernet TCP/IP
- WCD WDFC Modbus to
- Ethernet IP gateway
- Cellular based Netbiter
- Ethernet based Netbiter
- Ethernet/cellular based Netbiter
- WDFC-Expanded input/output card: 2-DI, 3-RO, 1-AI, 1-AO
- 1.3A,24VDC Power Supply for Loop Power

WORLDWIDE® ELECTRIC CORPORATION

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Competitive Pricing

Fast Shipping
Same-Day Available

MORE INFO

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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

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Voltage	Constant Torque		Variable Torque		Model	Dimensions H x W x D (in)*
	Heavy-duty		Normal-duty			
	hp	Current	hp	Current		
230	0.5	2.5	1	5	WCD3RC-005B2A	32 x 25 x 17
230	1	5	2	8	WCD3RC-008B2A	32 x 25 x 17
230	2	8	3	12	WCD3RC-012B2A	32 x 25 x 17
230	3	11	5	16	WCD3RC-016B2A	32 x 25 x 17
230	5	17	7.5	22	WCD3RC-022B2A	32 x 25 x 17
230	7.5	24	10	30	WCD3RC-030B2A	32 x 25 x 17
230	10	32	15	42	WCD3RC-042B2A	32 x 25 x 17
230	15	46	20	56	WCD3RC-056B2A	40 x 25 x 19
230	20	60	25	69	WCD3RC-069B2A	40 x 25 x 19
460	3	6	5	8	WCD3RC-008B4A	32 x 25 x 17
460	5	8	7.5	12	WCD3RC-012B4A	32 x 25 x 17
460	7.5	12	10	16	WCD3RC-016B4A	32 x 25 x 17
460	10	15	15	24	WCD3RC-024B4A	32 x 25 x 17
460	15	22	20	30	WCD3RC-030B4A	40 x 25 x 19
460	20	28	25	38	WCD3RC-038B4A	40 x 25 x 19
460	25	35	30	45	WCD3RC-045B4A	40 x 25 x 19
460	30	41	40	61	WCD3RC-061B4A	40 x 25 x 19
460	40	55	50	75	WCD3RC-075B4A	50 x 31x 21
460	50	67	60	91	WCD3RC-091B4A	50 x 31x 21
460	60	81	75	107	WCD3RC-107B4A	50 x 31x 21
460	75	106	100	142	WCD3RC-142B4A	56 x 37 x 23
460	100	136	125	169	WCD3RC-169B4A	56 x 37 x 23
460	125	169	150	223	WCD3RC-223B4A	63 x 37 x 25
460	150	195	200	264	WCD3RC-264B4A	63 x 37 x 25
460	200	255	250	325	WCD3RC-325B4A	68 x 38 x 25
460	250	303	300	370	WCD3RC-370B4A	68 x 38 x 25
460	250	345	350	432	WCD3RC-432B4A	88 x 40 x 31
460	300	375	400	481	WCD3RC-481B4A	88 x 40 x 31
460	400	478	500	613	WCD3RC-613B4A	88 x 65 x 31
460	450	541	550	683	WCD3RC-683B4A	88 x 65 x 31
460	500	591	650	770	WCD3RC-770B4A	88 x 78 x 31
460	650	740	800	960	WCD3RC-960B4A	88 x 78 x 31

* 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.