

MARK: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**Accessory Data Sheet**  
**Variable Frequency Drive**  
**HVAC Drive**  
**IP20**  
**Invertek HVAC Series**  
**Single Phase Input**  
**Three Phase Output**

**SPECIFICATIONS:**

Input Range: 200-240±10% VAC Single Phase / 48-62Hz  
 Output Ratings: Output Power 230V Three Phase 1/2-3 HP  
 Overload Capacity 110% Overload for 60 sec.  
 Output Frequency 0~250Hz, .1Hz resolution

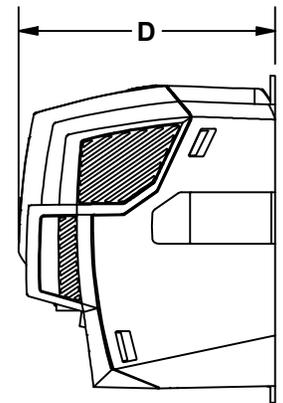
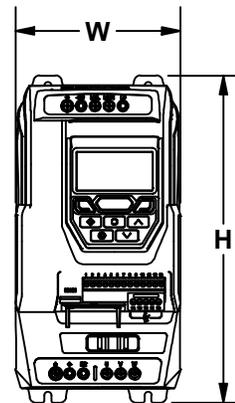
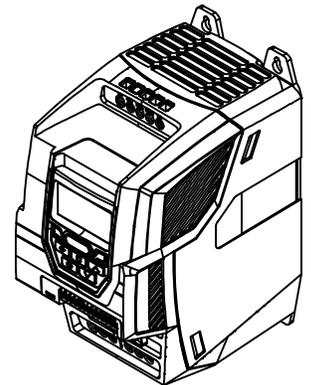
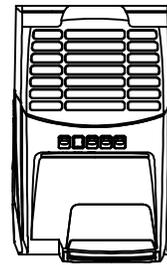
Ambient Condition: Temperature Operating -10 to 50°C  
 Altitude up to 2000m maximum UL approved  
 Above 1000m derate by 1% per 100m

Enclosure: IP20  
 Programming: Built in keypad

Control Specifications: PWM Frequency 4-32kHz Effective  
 Stopping Modes:  
 Ramp to stop adjustable 1 to 600 seconds  
 Coast to stop  
 Motor flux braking  
 Skip Frequency single point user adjustable  
 Setpoint Control  
 MODBUS RTU, BACnet MS/TP

I/O Specifications: Power Supply 24 Volt DC, 100mA,  
 10 Volt DC, 5mA for potentiometer  
 Programmable Inputs: 5 Total, 3 Digital, 2 D/A selectable  
 Programmable Outputs: 4 Total, 2 D/A selectable, 2 relay  
 Relay Output: Maximum 250V/6A AC, 30V/5A DC  
 Analog Output: 0 to 10 Volt  
 Internal PID control with feedback

Control Features: UL, cUL  
 Standards  
 Compliance:



**DIMENSION DATA**

| Catalog No. | Voltage | Max HP | Output* | H    | W    | D    | Wt. |
|-------------|---------|--------|---------|------|------|------|-----|
| VO2D12N00G  | 200-240 | 1      | 4.3     | 8.70 | 4.33 | 7.28 | 4.2 |
| VO2D14N00G  | 200-240 | 2      | 7.0     | 8.70 | 4.33 | 7.28 | 4.2 |
| VO2D15N00G  | 200-240 | 3      | 10.5    | 8.70 | 4.33 | 7.28 | 4.2 |

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS.  
 \*RATED OUTPUT CURRENT (AMPS)