



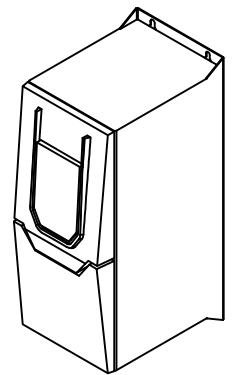
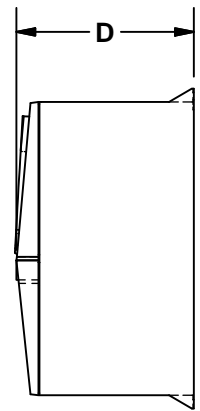
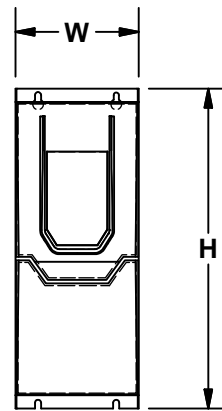
# VFD

DATE: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_

**Accessory Data Sheet**  
**Variable Frequency Drive**  
**HVAC Drive**  
**IP66/IP40**  
**Invertek HVAC Series**  
**Three Phase**

**SPECIFICATIONS:**

Input Range: 380-460±10% VAC Three Phase / 48-62Hz  
 Output Ratings: Output Power 460V Three Phase 1-200 HP  
 Overload Capacity 110% Overload for 60 sec.  
 Output Frequency 0~120Hz, .1Hz resolution  
 Ambient Condition: Temperature Operating 10 to 40°C  
 Altitude up to 2000m maximum UL approved  
 Above 1000m derate by 1% per 100m  
 Enclosure: IP66 (NEMA 4) through 10 HP, IP40 (NEMA 1) 15  
 - 200 HP  
 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, BACnet/IP, Profibus DP,  
 DeviceNet, EthernetIP  
 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  
 Control Features: Internal PID control with feedback  
 Standards: UL, cUL  
 Compliance:



**DIMENSION DATA**

Catalog No.	Voltage	HP	Output*	H	W	D	Wt.
VO2J12N4K	380-480	1	2.2	10.12	7.40	9.41	10.6
VO2J14N4K	380-480	2	4.1	10.12	7.40	9.41	10.6
VO2J15N4K	380-480	3	5.8	10.12	7.40	9.41	10.6
VO2J16N4K	380-480	5	9.5	10.12	7.40	9.41	10.6
VO2J17N4K	380-480	7.5	14.0	12.20	8.30	9.88	16.1
VO2J18N4K	380-480	10	18.0	12.20	8.30	9.88	16.1
VO2J19N1K	380-480	15	24.0	17.32	6.73	9.45	25.4
VO2J20N1K	380-480	20	30.0	17.32	6.73	9.45	25.4
VO2J21N1K	380-480	25	39.0	17.32	6.73	9.45	25.4
VO2J22N1K	380-480	30	46.0	17.32	6.73	9.45	25.4
VO2J23N1K	380-480	40	61.0	21.25	9.25	10.63	49.6
VO2J24N1K	380-480	50	72.0	21.25	9.25	10.63	49.6
VO2J25N1K	380-480	60	90.0	21.25	9.25	10.63	49.6
VO2J26N1K	380-480	75	110.0	34.05	12.99	12.99	110.2
VO2J27N1K	380-480	100	150.0	34.05	12.99	12.99	110.2
VO3J28N1K	380-480	150	180.0	34.05	12.99	12.99	110.2
VO4J29N1K	380-480	175	202.0	34.05	12.99	12.99	110.2
VO5J30N1K	380-480	200	240.0	50.38	12.99	14.17	176.4

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