



VFD

DATE: _____

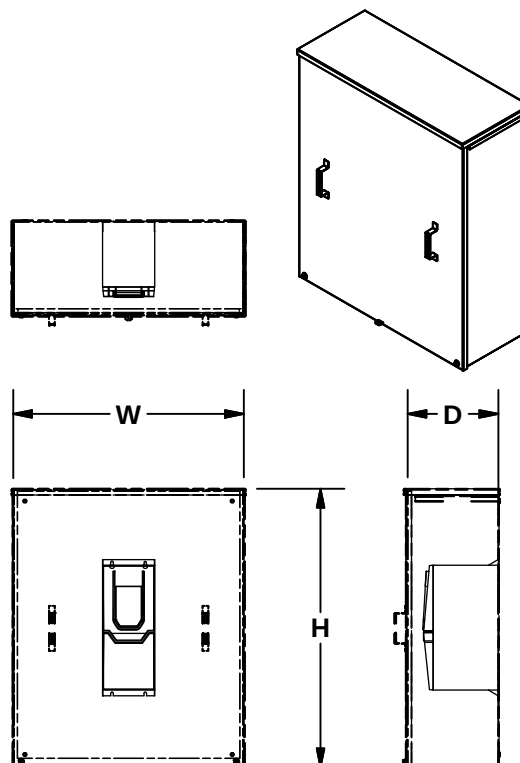
PROJECT: _____

LOCATION: _____

Accessory Data Sheet
Variable Frequency Drive
HVAC Drive
NEMA 3R
Invertek HVAC Series
Three Phase

SPECIFICATIONS:

Input Range: 575 $\pm$ 10% VAC Three Phase / 48-62Hz
Output Ratings: Output Power 575V Three Phase 1-5 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: IP20 (NEMA 1)
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.
VO2J12N4M	575	1	1.7	36	30	12	57
VO2J14N4M	575	2	3.1	36	30	12	57
VO2J15N4M	575	3	4.1	36	30	12	57
VO2J16N4M	575	5	6.1	36	30	12	57

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