

MARK: _____
 PROJECT: _____
 DATE: _____

Accessory Data Sheet
Variable Frequency Drive
HVAC Drive
IP66/IP55
Invertek HVAC Series
Three Phase

SPECIFICATIONS:

Input Range: 380-480±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 0~250Hz, .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: IP66 (NEMA 4 Indoor) through 15 HP, IP55 (NEMA 12)
 20 - 200 HP

Programming: Built in keypad

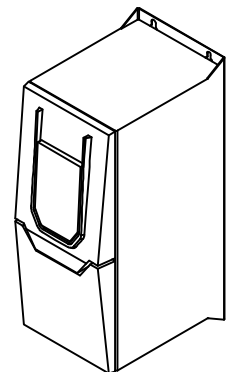
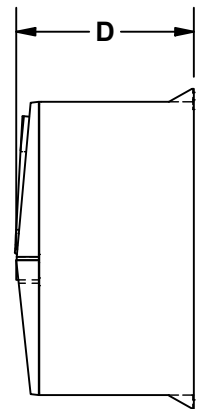
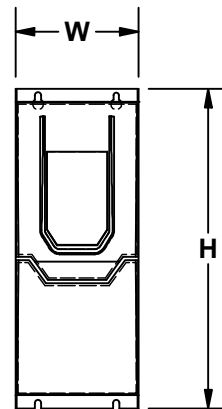
Control Specifications: PWM Frequency 4-32kHz Effective
 Stopping Modes:
 Ramp to stop adjustable 1 to 600 seconds
 Coast to stop
 Motor flux braking
 Skip Frequency single point user adjustable
 Setpoint Control
 MODBUS RTU, BACnet, BACnet/IP, Profibus DP,
 DeviceNet, EthernetIP

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.
VO2J12N4IK	380-480	1	2.2	10.12	7.40	10.24	12.1
VO2J14N4IK	380-480	2	4.1	10.12	7.40	10.24	12.1
VO2J15N4IK	380-480	3	5.8	10.12	7.40	10.24	12.1
VO2J16N4IK	380-480	5	9.5	10.12	7.40	10.24	12.1
VO2J17N4IK	380-480	7.5	14.0	12.20	8.31	10.75	18.7
VO2J18N4IK	380-480	10	18.0	12.20	8.31	10.75	18.7
VO2J19N4IK	380-480	15	24.0	12.20	8.31	10.75	18.7
VO2J20N1K	380-480	20	30.0	17.72	6.73	9.92	26.5
VO2J21N1K	380-480	25	39.0	17.72	6.73	9.92	26.5
VO2J22N1K	380-480	30	46.0	17.72	6.73	9.92	26.5
VO2J23N1K	380-480	40	61.0	21.26	9.25	10.63	50.9
VO2J24N1K	380-480	50	72.0	21.26	9.25	10.63	50.9
VO2J25N1K	380-480	60	90.0	21.26	9.25	10.63	50.9
VO2J26N1K	380-480	75	110.0	34.06	12.99	12.99	121.3
VO2J27N1K	380-480	100	150.0	34.06	12.99	12.99	121.3
VO3J28N1K	380-480	150	180.0	34.06	12.99	12.99	121.3
VO4J29N1K	380-480	175	202.0	50.39	12.99	14.17	196.2
VO5J30N1K	380-480	200	240.0	50.39	12.99	14.17	196.2

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