

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

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

**SPECIFICATIONS:**

Input Range: 500-600±10% VAC Three Phase / 48-62Hz  
 Output Ratings: Output Power 575V Three Phase 1-60 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)  
 20-60 HP

Programming: Built in keypad

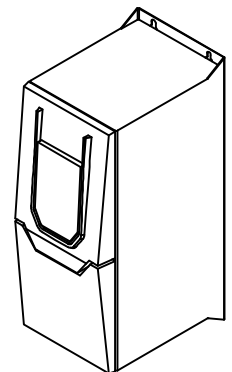
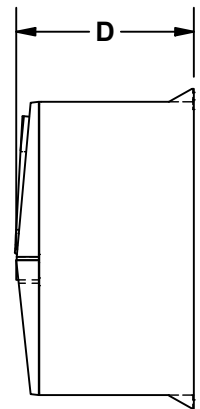
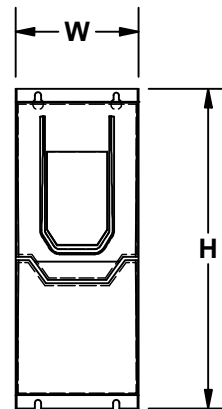
Control Specifications: PWM Frequency 4-32kHz Effective  
 Stopping Modes:  
 Ramp to stop adjustable 1 to 600 seconds  
 Coast to stop  
 Motor flux braking  
 Skip Frequency single point user adjustable  
 Setpoint Control  
 MODBUS RTU, BACnet, BACnet/IP, Profibus DP,  
 DeviceNet, EthernetIP

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.
VO2M12N4IM	500-600	1	2.1	10.12	7.40	10.24	12.13
VO2M14N4IM	500-600	2	3.1	10.12	7.40	10.24	12.13
VO2M15N4IM	500-600	3	4.1	10.12	7.40	10.24	12.13
VO2M16N4IM	500-600	5	6.5	10.12	7.40	10.24	12.13
VO2M17N4IM	500-600	7.5	9.0	10.12	7.40	10.24	12.13
VO2M18N4IM	500-600	10	12.0	12.20	8.31	10.75	18.74
VO2M19N4IM	500-600	15	17.0	12.20	8.31	10.75	18.74
VO2M20N1M	500-600	20	22.0	12.20	8.31	10.75	18.74
VO2M22N1M	500-600	30	34.0	17.72	6.73	9.92	26.46
VO2M23N1M	500-600	40	43.0	17.72	6.73	9.92	26.46
VO2M25N1M	500-600	60	54.0	21.26	9.25	10.63	50.93

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