# V3 Series Variable Frequency Drive Datasheet

Model: V3-220070-1F1A-T

**2 HP (1.5 kW), 7 A, 200-240 V, 1-3PH**
**IP66 Non Switched Outdoor Variable Frequency Drive with EMC Filter and TFT Display**




## Input Ratings

| | |
|---|---|
| Supply Voltage | 200-240 V |
| Input Phases | 1 |
| Supply Current Continuous | 15.2 A |
| Supply Fuse or MCB (Type B) | 25 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 2 HP (1.5 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 7 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Length | 328 ft (100 m) |

## Factory Build Options

| | |
|---|---|
| EMC Filter | Internal EMC |
| Brake Transistor | No Brake Transistor |
| Enclosure | NEMA 4X (IP66) Non Switched |
| Display | TFT Display |
| PCB Coating | Standard |
| Communication Protocols | BACnet, ModbusRTU, and more* |

## Drive Dimensions

| | |
|---|---|
| Size | 2 |
| Height | 10.12 in (257 mm) |
| Width | 7.4 in (188 mm) |
| Depth | 6.77 in (172 mm) |
| Weight | 7.72 lbs (3.5 kg) |
| Fixings | 4 x M4 |

## Packaged Dimensions

| | |
|---|---|
| Height | 8.46 in (215 mm) |
| Width | 9.25 in (235 mm) |
| Depth | 14.76 in (375 mm) |
| Weight | 9.26 lbs (4.2 kg) |

* Consult factory for additional communication options.

Drive color depicted doesn't reflect actual drive color
Black Outershell - RAL Name: Jet Black | RAL Number: 9005 | Hex Code #0A0A0A
Gray Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6

Bardac drives

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