# P2 Series Variable Frequency Drive Datasheet

Model: P2-62030-3HF4N-T

**30 HP (22 kW), 90 A, 200-240 V, 3PH**
**IP55 Variable Frequency Drive with EMC Filter and TFT Display**




## Input Ratings

| | |
|---|---|
| Supply Voltage | 200-240 V |
| Input Phases | 3 |
| Supply Current Continuous | 99.1 A |
| Supply Fuse or MCB (Type B) | 125 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 30 HP (22 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 90 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 300 MCM (150 mm²) |
| Max Motor Cable Size | 300 MCM (150 mm²) |
| Max Motor Cable Length | 328 ft (100 m) |

## Factory Build Options

| | |
|---|---|
| EMC Filter | Internal EMC |
| Brake Transistor | Internal |
| Minimum Brake Resistance | 6 Ω |
| Enclosure | NEMA 12 (IP55) |
| Display | TFT Display |
| PCB Coating | Standard |
| Communication Protocols | ModbusRTU, CANopen, and more* |
| DC Choke | Included |

## Drive Dimensions

| | |
|---|---|
| Size | 6 |
| Height | 34.06 in (865mm) |
| Width | 12.99 in (330mm) |
| Depth | 13.07 in (332 mm) |
| Weight | 121.25 lbs (55 kg) |
| Fixings | 4 x M10 |

## Packaged Dimensions

| | |
|---|---|
| Height | 38.58 in (980mm) |
| Width | 17.72 in (450mm) |
| Depth | 17.72 in (450mm) |
| Weight | 127.87 lbs (58 kg) |

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

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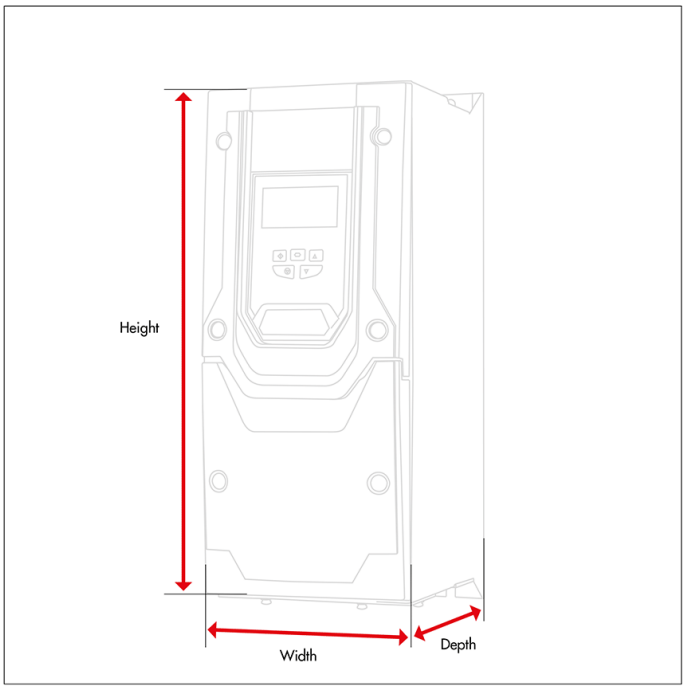
## Environmental Ratings

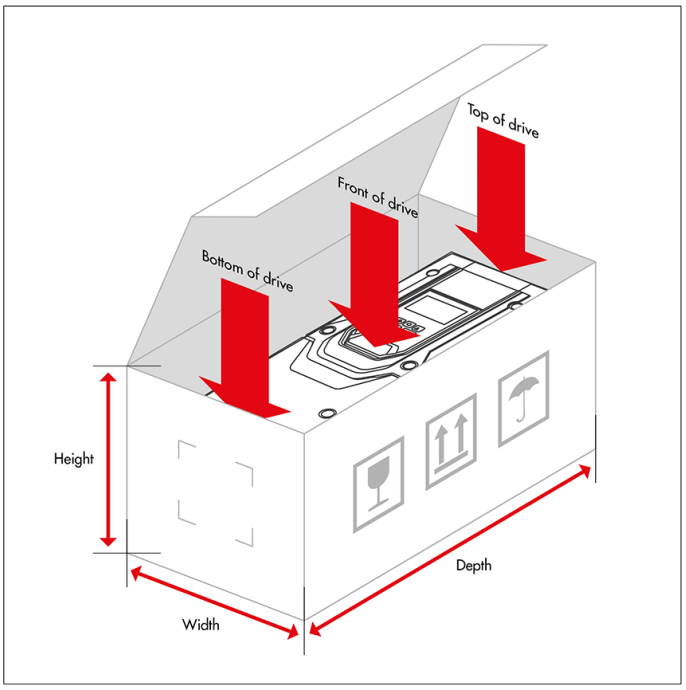
| | |
|---|---|
| Temperature | 14 - 104°F (-10 - 40°C)<br>With Derating: 104 - 122°F (40 - 50°C) |
| Altitude | <= 1000m<br>With Derating: <= 4000m |

* Consult factory for additional communication options.

## How we measure our drives and packaging




Drive Dimensions




Package Dimensions