

# ODV-3-742020-3F1N-MN

## Optidrive Eco VFD Datasheet

**110 kW (175 HP), 202 A, 380-480 V, 3PH**  
IP55 Variable Frequency Drive with EMC  
Filter and TFT Display



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 205.9 A   |
| Supply Fuse or MCB (Type B) | 250 A     |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 110 kW (175 HP)    |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 202 A              |

### Cable Information

|                        |                                  |
|------------------------|----------------------------------|
| Max Supply Cable Size  | 150 mm <sup>2</sup> (0.23 sq in) |
| Max Motor Cable Size   | 150 mm <sup>2</sup> (0.23 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                   |

### Factory Build Options

|                  |                     |
|------------------|---------------------|
| EMC Filter       | Internal EMC        |
| Brake Transistor | No Brake Transistor |
| Enclosure        | IP55                |
| Display          | TFT Display         |
| PCB Coating      | Standard            |

### Dimensions

|         |                    |
|---------|--------------------|
| Size    | 7                  |
| Height  | 1280 mm (50.39 in) |
| Width   | 330 mm (12.99 in)  |
| Depth   | 358 mm (14.09 in)  |
| Weight  | 89 kg (196.21 lbs) |
| Fixings | 4 x M10            |

### Packaged Dimensions

|        |                    |
|--------|--------------------|
| Height | 1420 mm (55.91 in) |
| Width  | 540 mm (21.26 in)  |
| Depth  | 560 mm (22.05 in)  |
| Weight | 96 kg (211.64 lbs) |

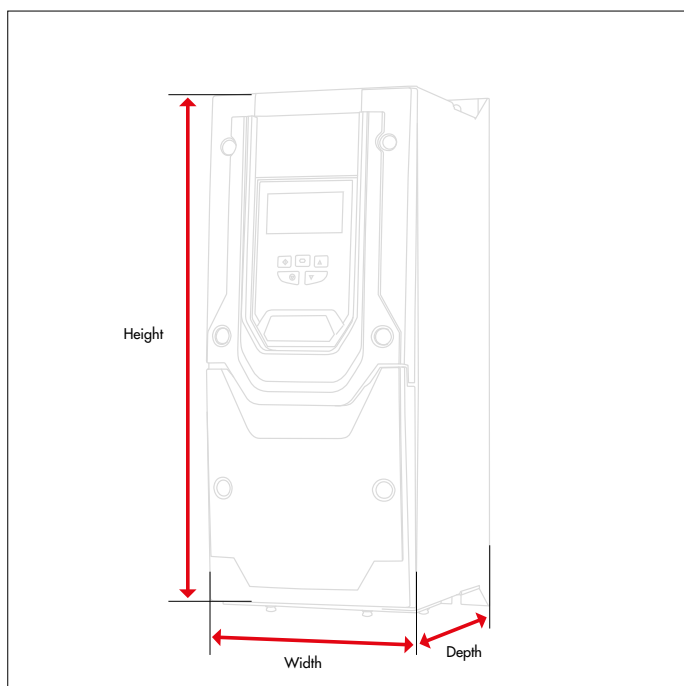


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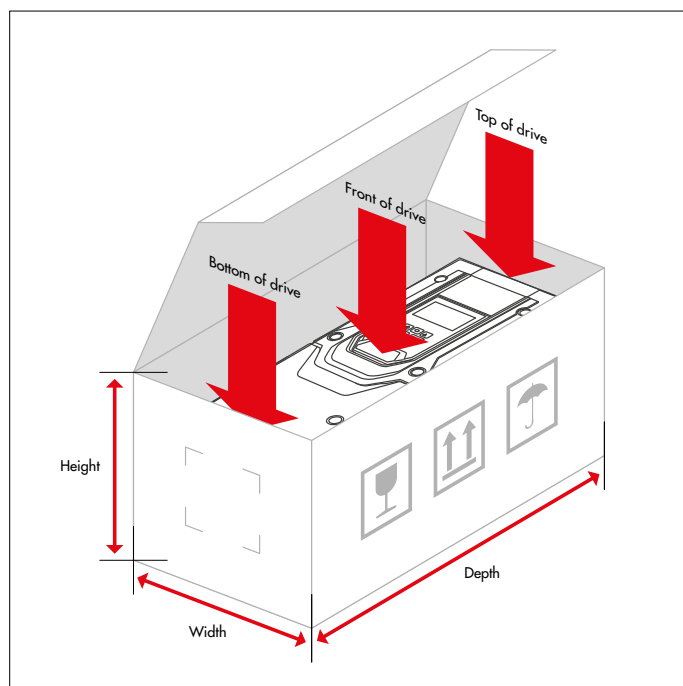
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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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