

# V3 Series Variable Frequency Drive Datasheet

Model: V3-440390-3F12-T

**25 HP (18.5 kW), 39 A, 380-480 V, 3PH**  
**IP20 Variable Frequency Drive with EMC Filter and TFT Display**

## Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	35.1 A
Supply Fuse or MCB (Type B)	40 A

## Output Ratings

Motor Output Rating	25 HP (18.5 kW)
Output Voltage	0 to Supply Voltage
Output Current	39 A

## Cable Information

Max Supply Cable Size	6 AWG (16 mm <sup>2</sup> )
Max Motor Cable Size	6 AWG (16 mm <sup>2</sup> )
Max Motor Cable Length	328 ft (100 m)

## Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	No Brake Transistor
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

## Drive Dimensions

Size	4
Height	16.46 in (418 mm)
Width	6.77 in (172 mm)
Depth	9.45 in (240 mm)
Weight	20.28 lbs (9.2 kg)
Fixings	4 x M8

## Packaged Dimensions

Height	13.39 in (340 mm)
Width	11.02 in (280 mm)
Depth	22.05 in (560 mm)
Weight	24.69 lbs (11.2 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

