

VF DRIVE INSTALLATION CHECKLIST

Physical Environment

Protected from

- Rain or moisture
- Direct sunlight
- Radiated heat
- Corrosive gases or liquids

Free from

- Vibration
- Airborne dust, oil or metallic particles
- Condensation
- Magnetic noise

Temperature

- 0 to 40°C

Mounting

- Vertically, against flat surface
- Minimum clearance all round
 - MSC-3R Chassis A 50mm
 - MSC-3R Chassis B 75mm
 - VSC-2G all sizes 100mm
- Free and unrestricted air flow
- Free from swarf or other cable and installation refuse
- avoid mounting in roof space
- ensure drive can be easily removed for service

Electrical Environment

Earthing

- Supply cable earthed at drive supply earth terminal
- Motor cable and screen earthed at drive motor earth terminal
- Multiple drives are individually earthed and not looped together
- Control wiring earthed at drive
- Earth wiring should be short and direct, trim excess length and do not use pigtailed

Cabling

- Control and Power cables run separately
- All control cables are screened, screen(s) connected at one end only, preferably at the drive screen terminal
- The length of wires extending from a screened cable should not exceed 50mm
- Connections are tight

***Note:** Any damage or failure resulting from incorrect installation will not be covered by the **Manufacturer's Warranty**. Refer to Equipment Manual for further detail.*