

Frequently Asked Questions

What tolerances are acceptable for site power?

Although the motors and electronic devices in this unit can tolerate some variation in the actual supplied voltage relative to the rated voltage, these variations can be a concern. Variations in excess of +/- 4% may result in shortened component life, elevated operating temperatures and/or inconsistent performance (including but not limited to frequent VFD drive faults related to said voltage).

Whenever the supplied voltage varies from the rated voltage by more than this amount, preventive maintenance should be enhanced to include an aggressive inspection of VFDs and electric motors. It is recommended that if the supplied voltage varies by more than this amount, an electrical contractor be engaged to discover the root cause and rectify it.