

480 Volt Single-Phase Service

Using higher supply voltages (i.e. 480 volt .vs. 240 volt) reduces current demand. Lower currents allow for feeders with smaller cable sizes and breakers/fuses, reducing installation costs and electrical losses

- **460 Volt BELLE™ Single-Phase Motors**
 - Intended for use with 480 volt, single-phase utility service
 - Reference kVA requirements in installation table for minimum utility service requirements
- **Voltage Ratings Are Specific to Horsepower**
 - 50 - 100 hp motors have a 460 volt input rating
 - 30 - 40 hp motors are dual-voltage 230/460 volt rated
- **Many Rural Electric Coops and Larger Electric Utilities Will Provide 480 Volt Single-Phase Service**
 - Consult with the customer's electric service provider
 - Utilities often provide pad-mount transformers for larger electric services (greater than 37.5 kVA)
 - A 240/480 volt, single-phase step-up transformer will be needed when 480 volt utility service is unavailable



480 Volt, 1Ø utility service may be provided using two(2) conventional 240 Volt, 1Ø Transformers