



## What Voltage do I have?

### Distribution versus Utilization voltage

"Distribution Voltage" – Supplied at service panel

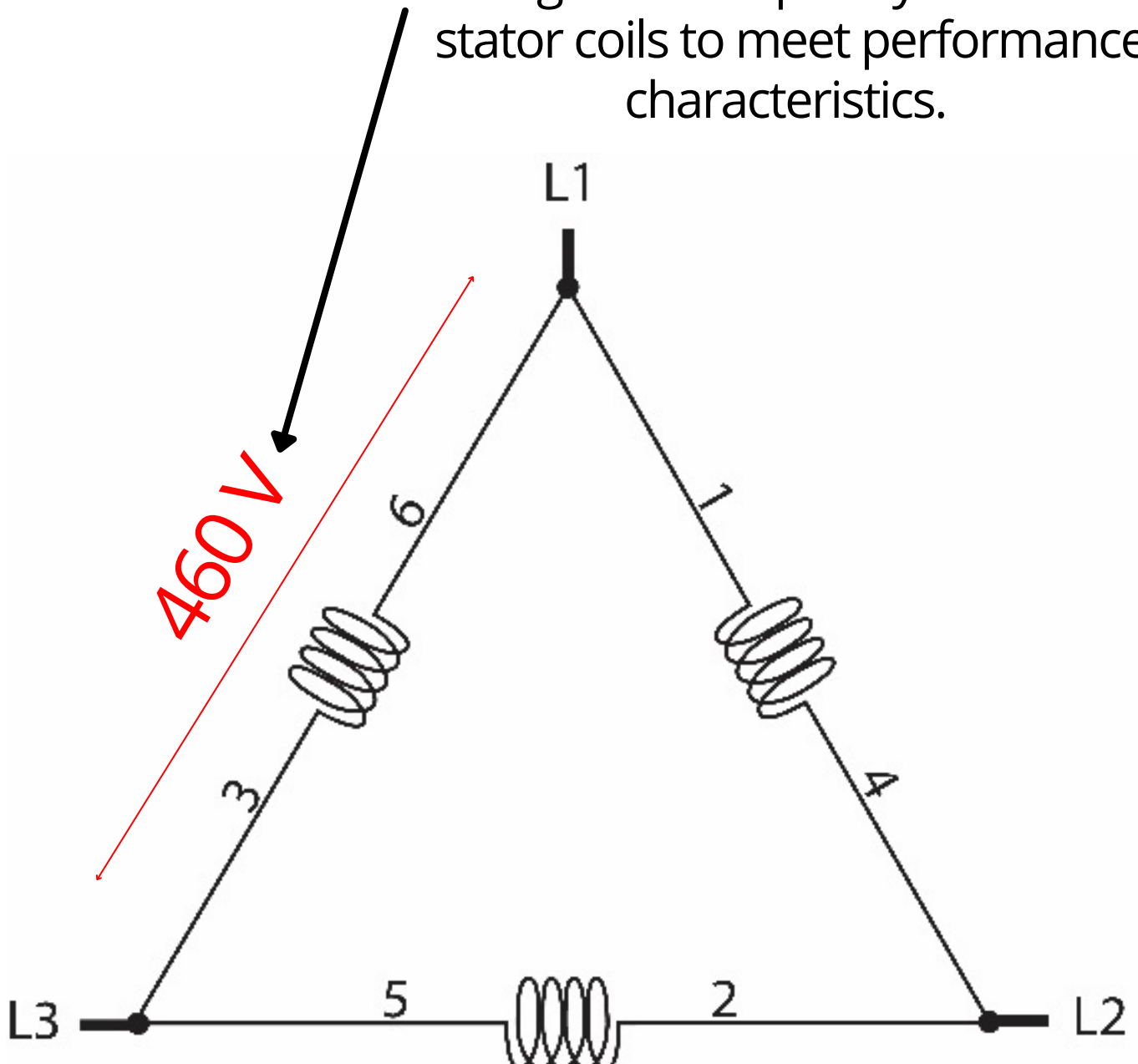
"Utilization Voltage" – Expected at motor

Distribution Voltage	Utilization Voltage	Motor Allowable Range (+- 10%)
480V	460V	414V – 506V
240V	230V	207V – 253V
208V	200V	187V – 229V
600V	575V	518V – 632V

Motors are designed and rated to operate at the "**Utilization Voltage**"

So, motors installed in **208V service will be rated for 200V**

The motor requires the full rated voltage and frequency across the stator coils to meet performance characteristics.



The most common commercial electrical service in North America is 208V 3 Phase / 115V 1 Phase