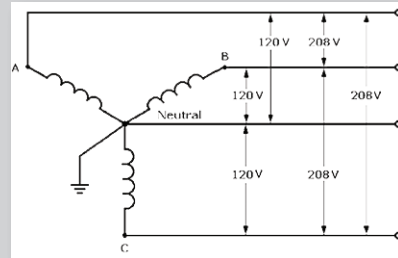
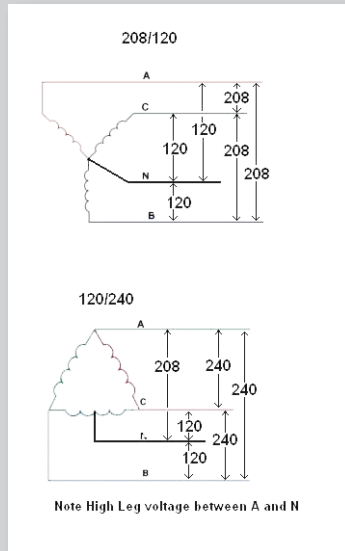


240 VAC and 208 VAC 3 phase power use with a Stewart Sign



wye-connected-three-phase-four-wire-secondary-transformer

Electrical installation must only be attempted by a qualified electrician. Electrical connections must comply with all applicable national and local codes.

Using 208 Volts AC (VAC)/3 phase circuits is dependent on reliable voltage levels between 208VAC and 240VAC.

Any voltage specification between 208VAC and 240VAC, regardless of phase, is sufficient if the sign is wired for "240VAC" service. The only requirement is that the actual line voltage be within 10% of rated voltage.

If there is too much of a voltage drop, because of the distance to a substation, a booster may be needed to bring the voltage back into specifications.

The power supplies will operate with actual voltages between 187VAC and 267VAC, accounting for temporary swings and sags. Going outside 187VAC and 267VAC will cause the fans and power supplies to fail.