

## 2 Setup & Operation

### Electrical/Air Installation

#### 2.2.4 Electrical/Air Installation



**DANGER!** Make sure all electrical installation, service and/or maintenance work is performed by a qualified electrician and is in accordance with applicable electrical codes.

**Have a qualified electrician install the power supply before receipt of your machine.** The power supply must meet the provided specifications concerning wire size, fused disconnect, and voltage. The electrical installation must also meet local codes.

**See Table 2-1.** Install a fused disconnect switch for each deck control within sight of the machine. Typical minimum switch, fuse, and wire sizes are shown. All electrical installation must meet local electrical codes. Fuses are sized for short-circuit protection only.

3-Phase Volts	Fuse Disconnect	Time Delay Fuse	Suggested Wire Size
460 VAC	30 Amps	5 Amps	16AWG up to 50'

TABLE 2-1

**See Table 2-2.** The TWC electrical specifications are shown below.

Model	FLA of Largest Load	FLA	IR (AIC)	SCCR	Voltage	Hz	Phase
TWC	3.1A	3.1A	25kA	5kA	480V	60	3

TABLE 2-2

**IMPORTANT!** The TWC is wired for use with a 480 volt power supply. To operate the TWC with 240V, 400V or 600V power supplies an additional transformer is required. See the table below for transformers available from Wood-Mizer. All transformers are manufactured by Square D.

**See Table 2-3.**

Conversion From/To	240 to 480 volts	400 to 480 volts	600 to 480 volts
Wood-Mizer Part No.	078203	078204	078205

TABLE 2-3