

SETTING UP THE WELDER - SUPPLYING POWER

LOCATING THE POWER SUPPLY

The proper location of the power supply is essential for dependable service. The unit should be located so as to allow for free air movement into and out of the power supply. Consideration should be given to allow the least exposure possible to dust, dirt, moisture and corrosive vapors. A minimum of 18 inches of unrestricted space must be maintained between the power supply's front and rear panels and the nearest obstruction. The underside of the power supply must be completely free of all obstructions. Attention should be given to ease of removal of the power supply's enclosure for maintenance functions.

ELECTRICAL INPUT REQUIREMENTS

This welding power supply is designed to be operated from single-phase, 60hz, AC Incoming power lines (which have a voltage rating that corresponds to one of the input voltages shown on the nameplate) and a solid earth ground. Consult your local electric utility if there is any question about the type of electrical system available at the

installation site or how proper connections to the welding power supply are to be made.

CHANGING THE INPUT VOLTAGE (If Required)

The power supply is shipped setup for 460 volts. The input voltage jumper links provided on the primary terminal board permit the unit to be operated from various line voltages and frequencies: 208, 230, 460 volts at 60 hertz.

If the power supply is to be operated at some voltage other than 460 volts, the input voltage jumper links must be changed. See the input voltage label inside the unit's back door (reference diagram below) for the various arrangements of the jumper links for the specific input voltage.

NOTE:

If only one jumper link is required on each grouped terminals, it is recommended that -the unused jumper links be placed across the terminals which are to be used. This will prevent losing the jumper links which are not required for this connection.

