

Thermopak TP8



The Solbraze TP8 30kVA Resistance Brazing unit is a low voltage, high current power supply with a variable power output. The maximum input power is 30kVA based on a 75A supply at 480/400V. The system is designed to operate at both 50/60Hz. The Resistance Brazing unit has been designed for up to 95CSA cable brazing but other models can be built to suit other sized cables and the unit can be used to braze other applications.

The TP8 can be used in the regions of the world where 480 or 400 Volts (50 or 60 Hz) are used by simply turning a switch. The control system and peripherals, such as the water cooler, are 24V DC and 240V/110VAC single phase low current systems.

The 30kVA transformer has primary tapings, which trim the output to give secondary voltages of 1,2,3,4 Volts when connected in parallel and 2,4,6,8 volts when connected in series. The primary transformer tapings are selected by use of the rotary switch with positions marked 1-2-3-4 and OFF.

With the 5 position rotary switch tapping selection set in positions 1 or 2, the variable, hand adjustable, transformer fitted to the Thermopak allows the output voltage to the main 30kVA transformer to be varied from 0 – 100 % depending on the application, components or cable size. The variable transformer does not operate when higher currents are required in the remaining switched positions, 3 or 4, which will apply to larger CSA wires or components.

Using the footswitch to switch power to the brazing head (sold separately) may be used in continuous or timer mode depending on the application. The ammeter provided indicates the current in amperes drawn from the supply when the transformer is delivering power.

Product Specification

Dimensions:	L900mm x H1800mm x W900mm
Weight:	450kg (approx.)
Rating:	30kVA
Voltage Range:	1,2,3,4V (in parallel) 5,6,7,8V (in series)
