

Product Data Sheet



The 75 kVA heat treatment unit has been robustly constructed to provide power to electrical resistance heaters at 60 volts, suitable for site and shop working. It is specifically designed for localized Pre and Post Weld Heat Treatment using Electrical Resistance

The output from the unit is split into six individual heating circuits for temperature control. Each output circuit has 10.8 kW of power, which is sufficient capacity for 4 standard ceramic pads rated at 2.7 kW, total 24 standard ceramic heating pads can be connected to one unit

Each of the six circuits may be controlled individually using either energy regulators in manual mode or using PID controllers in automatic mode to gain control over rates of heating and cooling as well as soak conditions.

Features

- Copper Transformer designed for full load capacity usage
- Standard Twist Camlocks supplied for better contacts and safety
- Input Cable: 5 mtr long 4 core 25sqmm cable
- External Auto Programmer can be integrated
- Designed for natural cooling
- Class H Insulation
- Efficient single pole switching device for better and longer operation
- Castor Wheel for transportation on rough and rugged surfaces
- Auxiliary sockets of 110 V or 230 V

Specifications

Electrical rating:	75 kVA
Capacity:	24x2.7kW 60V Ceramic heaters
Transformer:	Air Cooled, Class H insulation
Primary Supply:	380V / 415V /440V, 3Phase, 50 Hz
Input Current:	Max Approximate 96A
Input Cable:	4 core 25sqmm, 5mtr long cable
Switching:	Albright Contactors
Output:	65 Volts
Protection:	Overload–3-phase MCCB.
Output Connector:	12x300Amp Panel Mounted Camlock 3 sockets x 230V or 110V AC with fuses. Optional Bulgin 7pin Auto Programmer
Modes:	Manual / Automatic
Program Controller:	Standard 6 PIDs, Optional: Master Slave, Auto Programmer
Weight:	350Kg
Dimension:	Length:970mm Width:580mm Height:945mm

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