

# PRODUCT DATA SHEET

## PWHT CONTROL PANEL (LOW VOLTAGE)



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## ⚙️ PWHT - Low Voltage

The 75 KVA heat treatment unit has been robustly constructed to power electrical resistance heaters at 60 volts, which is suitable for site and shop work. It is specially 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, a total of 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 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 meters long 4 core 25 sqmm 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	12x300 Amp 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	350 K.G.		
Dimension	LENGTH	WIDTH	HEIGHT
	970 MM	580 MM	945 MM

