



HEATWORK ENGINEERS

LOW VOLTAGE INBUILT HEAT TREATMENT UNITS - 100KVA



SPECIFICATIONS - 100 KVA

Transformer Input Supply	380/415/440V, 3 Phase, 50 or 60 Hz.	Thermocouple input and output	12 'K' type NiCr / NiAl
Control voltage	110V (230V on request)	External 6 channel programmer and connection	2 "Bulgin 7 pin panel mounted plug"
Auxiliary supply 110V (230V on request)	3	Energy Regulators	12
Primary	Delta connected	Mini Controller	12
Transformer Output Supply	65V	Number of heaters (45A) per phase	12
Secondary	Star connected	Total No of 60V, 45A Heaters per machine	36
Primary Supply 3 phase at 380 V	152 Amps	Output 300Amps Panel Mounting camlock	24
Primary Supply 3 phase at 415 V	139 Amps	Rating of each heaters / elements	2.7 KW
Primary Supply 3 phase at 440 V	131 Amps	Output current indication	Ammeter on individual channel
Number of control zone	12	Enclosure	IP 54 Dust Proof
Output Current per phase	540 Amps	Weight Approx	610 Kgs
Insulation	'H' Class	Dimensions Width Depth Height Dimensions subject to change	1400
Transformer Over Temperature Protection	Thermistors in each coils in conjunction with shunt trip MCCB.		1000
Type of control	Contactorised with single pole contactors		1400
Temperature control	12 single set point controller/ programmer		