



HEATWORK ENGINEERS

LOW VOLTAGE INBUILT HEAT TREATMENT UNITS - 50KVA



SPECIFICATIONS - 50 KVA

Transformer Input Supply	380/415/440V, 3 Phase, 50 or 60 Hz.	Thermocouple input and output	6 / 18 'K' type NiCr / NiAl
Control voltage	110V (230V on request)	External 6 channel programmer and connection	1 / 3 "Bulgin 7 pin panel mounted plug"
Auxiliary supply 110V (230V on request)	3	Energy Regulators	6 / 18
Primary	Delta connected	Mini Controller	6 / 18
Transformer Output Supply	65V	Number of heaters (45A) per phase	6
Secondary	Star connected	Total No of 60V, 45A Heaters per machine	18
Primary Supply 3 phase at 380 V	76 Amps	Output 300Amps Panel Mounting camlock	12 / 36
Primary Supply 3 phase at 415 V	70 Amps	Rating of each heaters / elements	2.7 KW
Primary Supply 3 phase at 440 V	65 Amps	Output current indication	Ammeter on individual channel
Number of control zone	6 / 18	Enclosure	IP 54 Dust Proof
Output Current per phase	270 Amps	Weight Approx	440 Kgs
Insulation	'H' Class	Dimensions Width Depth Height Dimensions subject to change	1200 900 1350
Transformer Over Temperature Protection	Thermistors in each coils in conjunction with shunt trip MCCB.		
Type of control	Contactorisred with single pole contactors		
Temperature control	6/18 single set point controller/ programmer		