

SHANGHAI PAMAENS TECHNOLOGY CO.,LTD

DRUM HEATER & IBC HEATER

IBC HEATER



DRUM HEATER



Introduction

IBC & drum heater jackets combined by the heating element, base core, fabrics, power cord, junction box, and control switch (or thermostat). It could be classified into two types, constant temperature type and adjustable temperature type.

The constant temperature type is implanting one or more fixed temperature control element in the electric blanket, when the temperature is lower than the set temperature, the heating blanket automatically starts heating, when the temperature reaches the set temperature; the heating blanket automatically disconnected the power supply, and continues thermal insulation. The whole process is circulated.

The temperature adjustable type is built in a temperature probe, which transmit temperature signal to the relay in the temperature control box, and the relay control the connection of the circuit. Temperature could be set up by users according to the using environment and conditions. The ordinary temperature range is -35°C to 120°C , and for other temperature range, we could customized according to customers' requirements.

Speciation

Ref.	Circumference / Height	Nominal Capacity (Liter/Imp/ US Gal)	Nominal Power (90v-250v)	Outer Material / Internal Insulation	Temperature control
Half coverage type	1800 - 1950 mm / 440mm 71" – 76!" / 17""	205/210 liter 45 Imp Gal 55 US Gal	450w-2000w	Silicone rubber / Nylon coated glass-cloth / Stitched fiberglass	Knob/Digital
Full coverage type	1800 – 1950 mm / 840mm 71" – 76!" / 33# "	205/210 liter 45 Imp Gal 55 US Gal	1000w-2500w	Silicone rubber / Nylon coated glass-cloth / Stitched fiberglass	Knob/Digital
Full coverage type	1200*1000 *1150mm	1000L	4000W-5500W	Silicone rubber / Nylon coated glass-cloth / Stitched fiberglass	Knob/Digital

Technical data

- Voltage: 90v-250v/380v
- Rated power: 100-1500W/ square meter (according to the user's different needs can be customized)
- Rated current: 0.45A~5.5A
- Temperature: Adjustable temperature type $\leq 190^{\circ}\text{C} \pm 1^{\circ}\text{C}$; Accessories: electronic temperature control box
- Constant temperature type: $35^{\circ}\text{C} \sim 260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (5 $^{\circ}\text{C}$ /grade)
- Heating area: Customized, ex.: 2200mm x 300mm.
- Product size: Customized, ex.: 2500mm x 400mm.

Advantages

- Integrated type
- Custom size and shape
- Full coverage heating and insulation, high thermal and heating efficiency
- Good flexibility
- Uniform heating
- Built-in overheat switch to prevent accidental burning of heated body
- Large range, high power, fast heating.
- High insulation performance of all material
- Easy to install and remove, safer and adjustable