

**BASE DRUM HEATER WITH ADJUSTABLE THERMOSTAT****"AFBCB" RANGE**

The AFBCB base drum heater is specially recommended for reducing viscosity in soaps, greases, varnishes and heavy oils. The baser diameter allows it to be used in all drums 200 Lts or higher. If the drums are plastic, in principle do not use, consult our Technical Dept.

The AFBCB base drum heaters are manufactured with a 900W silicone rubber insulated heater mat which provides an even distribution of heat to the plate.

If rapid heat up is required and the contents will accept heat rapidly, or solid medium is involved a AFBS, AFAFS and AFCCB side drum heater can be used in conjunction with the AFBCB; alternatively a thermally insulated jacket can be used.

The AFBCB is made from 2mm thick mild steel for extra rigidity on uneven surfaces with tapered edges for safe use of drum location and is protected by a resilient high temperature coating. Temperature adjustment through a front aperture in the control unit, with the LED indicating power on and load switching. The base drum heater is controlled by a 20° to 150°C capillary thermostat.

General characteristics

- Standard voltage: ~230 V
- Power: 900 W
- Insulation: 50 mm High-density rock wool
- Adjustable thermostat 20 / 150 °C with ON/OFF LED indicator.
- Supply Lead: 2 Metres flexible armoured SY type 3-core cable
- Weight: Approximately 15 Kg
- Dimensions

- Plate

Base Ø 600 mm

Diameter top 550 mm

Height 70 mm

- Control unit

Protrusion 280 mm

Height 105 mm

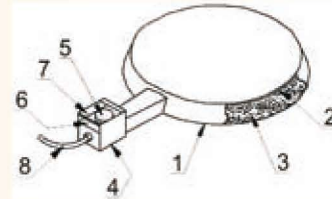
- Overall unit

Wide 600 mm

Length 880 mm

Height 105 mm

Code	Volts	Watts	Weight in Kg
AFBCB001	~230	900	15,0

**Construction**

- 1.- Drum heater base
- 2.- Heater mat
- 3.- Thermal Insulation
- 4.- Thermostat & control housing
- 5.- Control knob
- 6.- Control knob access
- 7.- Viewing window
- 8.- Armoured power cable

IBC TYPE 1000 Lts INTERMEDIATE BULK CONTAINER HEATERS. HIBC MODELS

HIBC container heaters are designed to heat products stored in 1000 Litre intermediate bulk containers.

**HIBC/A Model**

HIBC/A is a silicone mat heater for placement below the container liner before filling. An insulation jacket covering four sides and the lid is also available to aid warm up time. Control is via a 0° C to 90° C Digital Thermostat housed in an enclosure along with a residual current device

General characteristics HIBC/A model

- Standard voltage: ~230 V
- Degree protection against moisture IP55
- A PTC temperature sensor is also embedded between the sheets. It provides accurate measurement and fast response to temperature changes.
- 20°C-90°C Electronic Controller (Digital Readout). Also is possible with 0 / 40 °C electronic controller

NOTE: The electronic controller is supplied independent from the heater.

- The insulation jacket is not part of the HIBC/A silicone heater mat and has to be ordered as an extra, if required.
- Performance: Water temp. from 15°C to 70°C in 42 hours (NO Insulation Jacket)

Water temp. from 15°C to 70°C in 30 hours (WITH Insulation Jacket)

Insulation jacket HIBC/A characteristics

- Jacket made from a water resistant, flame retardant, polyurethane nylon.
- Quick release buckles for easy installation and removal.

NOTE: Is important determine the exact dimensions of the container in case of order.

Code	Description	Dimensions in mm		Volts	Watts	Weight in Kg
		Wide	Long.			
HIBC/A	Heating element	850	1035	~230 V	2700 W	
HIBC/A-CHA	Insulation jacket	1000	4400	--	--	
HIBC/A-REG	0 / +90 °C Electronic controller			~230 V	--	

HIBC/B Model

The HIBC/B insulated nylon heater jacket has a heating element stitched into an insulated jacket made from a water-resistant, flame retardant, polyurethane nylon, insulated with a double layer of flame retardant needed polyester. The jacket has two separate heating circuits for its upper and lower halves; each circuit is controlled by an integral capillary thermostat.

General characteristics HIBC/B model

- Standard voltage: ~230 V
- Degree protection against moisture IP51
- -5 / 40 °C Adjustable thermostat per circuit. Optionally with +20 / +90 °C adjustable thermostat.
- With release buckles for ease of installation and removal.
- Insulated jacket made from a water-resistant, flame retardant, polyurethane nylon

- Insulated with a double layer of flame retardant needed polyester.
- Performance: Water temp. from 15°C to 55°C in 56 hours (NO Insulation Lid)
- Water temp. from 15°C to 80°C in 56 hours (WITH Insulation Lid)

Code	Description	Thermostat temperature range	Dimensions in mm		Volts	Watts	Weight in Kg
			Wide	Long.			
HIBC/B	Heater jacket with insulated lid	-5 / +40 °C	1000	4400	2 x ~230 V	2 x 1000 W	

