

HIBC/B INTERMEDIATE BULK CONTAINER HEATER

Product Information

The HIBC/B is the largest of the standard heater jackets – spanning 4.4M in length. Designed to fit most common 1000L intermediate bulk containers (IBC) regularly found throughout many industries in the UK and Europe.

Versatile and robust in construction the HIBC/B delivers critical process heating that can be specifically controlled depending on the volume of the IBC contents. The IBC heater is also available

with an insulation lid that not only significantly decreases heat up time but also increases maximum heated temperatures.

Customers can utilise our bespoke design capabilities to fully customise the HIBC/B to be produced in sizes from 1.4M wide to 8M long depending on power requirements.

HIBC/B



HIBC/B



AN INTRODUCTION TO THE **HIBC/B** INTERMEDIATE BULK CONTAINER HEATER

KEY FACTS

- CLASS II DOUBLE INSULATED CONSTRUCTION
- OPTION OF SINGLE OR DUAL POWER CIRCUITS
- IP40 PROTECTION
- ADJUSTABLE QUICK RELEASE BUCKLES FOR EASY FIT
- EASY INSTALLATION HOOK SUPPORTS
- 0 TO 40°C OR 0 TO 90°C THERMOSTAT
- BESPOKE SIZES AND PERFORMANCE TO ORDER

The HIBC/B heater is the ideal solution for heating liquid materials effectively

Intermediate Bulk Containers (IBCs) are a commonly recognised storage unit within a magnitude of industries creating a significant heating demand. The HIBC/B IBC Heater works by creating an oven effect around the plastic container inside a bottle-in-cage type IBC and is utilised in pharmaceutical, chemical, cosmetic and food industries alongside many others.

Using a simple hook mechanism to secure the top edge of the jacket, the heater is easy

and quick to install and, unlike expensive conventional ovens, allows the IBC to be heated at its point of use.

Originally designed as standard with upper and lower heat zones, each with separate thermostatic control, the HIBC/B heater is the ideal solution for heating liquid materials effectively allowing the upper heating zone to be switched off once the content level has fallen below half way.

Details



Flap for filler access.



Quick release buckles are used for fixing the jacket quickly and easily.



Bespoke printing for the HIBC/B is available, detailing your company information and specifications for the element.

Construction

The silicone insulated heating elements HIBC/B container heater is stitched into a jacket made from a water resistant, flame retardant Polyester material and insulated with a thermally efficient E-glass fibre insulation blanket to ensure that the power is directed effectively in to the application. The final construction of the element complete with quick release buckles for ease of installation and removal and to further assist fitment the HIBC/B is designed with 5 polypropylene mounting hooks along the top edge of the jacket enabling quick and efficient handling upon fitting.

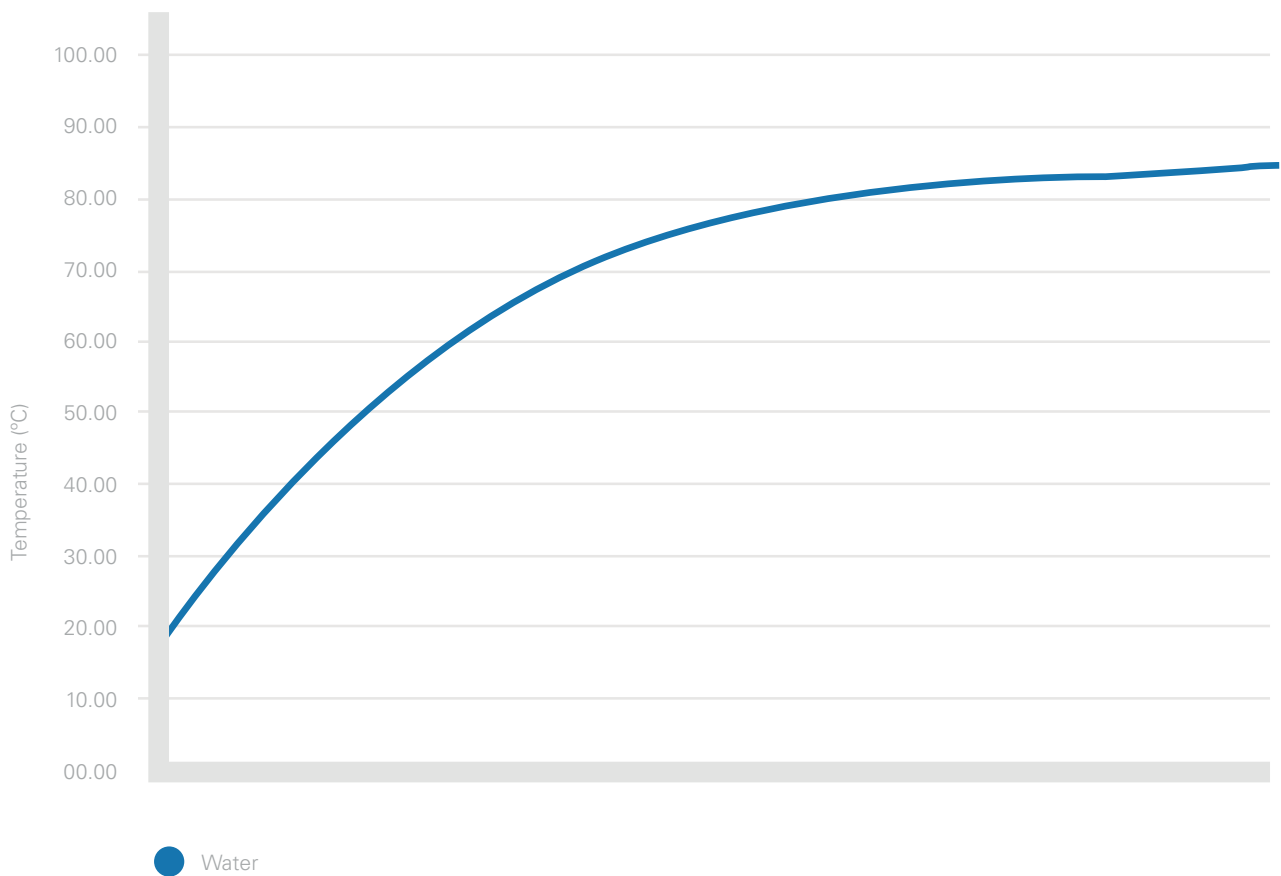
The final construction of the heater is marked as a class two double insulated product to meet European safety standards. All HIBC/B container heaters are supplied with 4 metres of rubber power cable and fitted with either 0 to +40°C or 0 to +90°C capillary thermostats with a built in 135°C automatic reset limiter for over-temperature protection.

Material	Flame retardant Polyester material
Insulation	E-glass fibre blanket
Element	Silicone insulated spiral wound resistance element
Control	0 to +40° or 0 to +90°C Adjustable thermostat
Power Cable	4 Metre HO7RN-F
Fixing	Polyester webbing with quick release adjustable buckles Installation Hooks: Polypropylene mounting hooks x 5

Technical Data

- Voltage: 110 or 230 Volts
- Power Rating Options: 1000W, 1300W or 2 x 1000 Watts
- Temperature Control: 0 - 40°C or 0 - 90°C

HIBC/B TEST DATA



The graph above shows a test report of the HIBC/B with Lid.

Service Package

In an environment where your heating solution is likely to become covered in harmful cleaning chemicals or contaminated with hot sticky substances, regular performance checks become an essential part of good operational practice. Due to the nature of the largest heater jacket in the standard range, the HIBC/B product is often vigorously handled and as such exposed to excessive wear and tear. The HIBC/B product can be returned at any time for a performance review. We offer a full service check on all components of your container heater confirming full functionality or highlighting minor running repairs to extend the life and ensure the optimal performance of your heating solution.