

# HBD BASE DRUM HEATER

## Product Information

The most robust of all of our drum heating products, the HBD is ideal for use in arduous industrial environments. Its rigid steel construction makes the product ideal for location in warehouses, chemical transfer facilities and on building sites.

Designed to melt or reduce the viscosity of soaps, fats, waxes, varnishes and oil based solutions, the heater's specifically shaped design provides

a stable base to support industry recognised 200L drums while allowing flush contact between the heated face and the base of the drum providing an even and thermally efficient heating action.

This product can be combined with a number of our other heating products to maximise overall heating performance within the desired application.

HBD



HBD



# AN INTRODUCTION TO THE **HBD** BASE DRUM HEATER

## KEY FACTS

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- SUITABLE FOR METAL DRUMS & AGGRESSIVE HEATING APPLICATIONS
  - ROBUST STEEL CONSTRUCTION
  - EVEN HEAT OVER PLATEN AREA
  - IP40 PROTECTION
  - 0 TO 150°C THERMOSTAT
  - 2 METRE ARMoured POWER CABLE
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The HBD heater is designed for use in the toughest of industrial environments

Manufactured from 2mm thick mild steel for extra rigidity on uneven surfaces and with tapered edges for safe drum location the HBD Base Drum heater is designed for use in the toughest of industrial environments.

The product makes use of years of manufacturing expertise and supplies heat through an etched foil silicone heating element bonded under the platen area.

Used for similar purposes to (and sometimes in conjunction with) the HSSD, the Base Drum Heater offers uniform heating across the base of a drum ensuring the product is evenly heated to temperatures up to 150°C.

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## Details



The HBD is suitable for 200-210L drums.



Fitted with a 0 to 150c adjustable thermostat.



Ideal heating solution for the toughest industrial environments.

## Construction

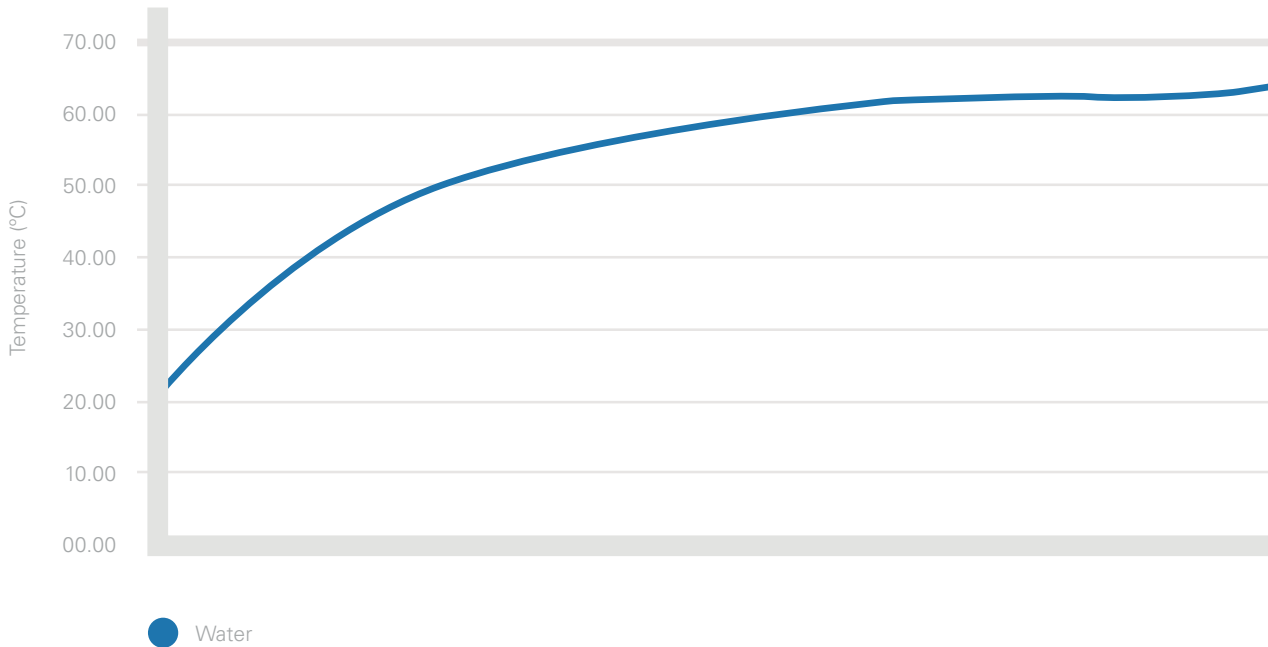
The 2mm thick steel construction of the HBD is protected by a resilient high temperature coating ensuring the product can perform in tough environments while retaining decent aesthetic appearance. Temperature adjustment is via a rear aperture in the control unit, with neons indicating power on and load switching, viewed through a window in the control unit top. Heat is supplied via a silicone insulated etched foil heater which is further insulated with 50mm of high density rock wool. This ensures excellent uniform thermal transfer into the drum and minimal heat transference in to the base of the unit.

<b>Size</b>	Platen: height 70mm
<b>Diameter</b>	Top 550mm, Base 600mm
<b>Control unit</b>	Height 105mm, Protrusion 280mm
<b>Insulation</b>	50mm Rockwool
<b>Element</b>	Silicone insulated etch foil heater mat
<b>Control</b>	0 to 150°C Adjustable thermostat
<b>Power Cable</b>	2 Metre SY type armoured

## Technical Data

- Voltage: 110 or 230 Volts
- Wattage: 900 Watts
- Temperature Control: 0-150°C
- Supply Lead: 2 Metres flexible armoured
- Platen: Height 70mm, Diameter top 550mm, Base 600mm
- Control Unit: Height 105mm, Protrusion 280mm
- Overall Unit: 880mm Long, 600mm Wide, 105mm High

## HBD TEST DATA



The graph above shows a test report of the HBD with the HIJD Insulated jacket.

## Service Package

With the HBD being utilised in the most arduous and demanding of working environments it's not unusual for the heater to be put under excessive stress or to have corrosive chemicals spilt on it. To ensure that vital process heating requirements are not interrupted the HBD 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.