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# HISD INSULATED SIDE DRUM HEATER

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## Product Information

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The original and still the market leading insulated heater jacket, the HISD drum heater has set the industry standard for performance since its initial development over a century ago.

Designed specifically for use with plastic drums, although versatile in application with steel drums also, this heater jacket is the ideal solution for

controlled and gradual heating of a variety of product processes for a multitude of industries.

The HISD offers consistent heat performance up to 90°C across all the industry recognised drum sizes and its construction is now utilised in a range of markets outside of drum and container heating including composite repairs and plastic fabrication.

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HISD/D



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# AN INTRODUCTION TO THE **HISD** INSULATED SIDE DRUM HEATER

## KEY FACTS

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- SUITABLE SPECIFICALLY FOR PLASTIC DRUMS
- GRADUAL WARMING APPLICATIONS
- CLASS II DOUBLE INSULATED PRODUCT
- IP40 PROTECTION
- ADJUSTABLE QUICK RELEASE BUCKLES FOR EASY FIT
- 0 TO 40°C OR 0 TO 90°C THERMOSTAT OPTIONS
- STANDARD SIZES - 25L, 50L, 105L & 200/220L
- BESPOKE SIZES AND WATTAGES AVAILABLE

The HISD is utilised to reach and maintain consistent temperatures of up to 90°C

The HISD Drum Heater is designed and manufactured with high quality, durable materials, these heater jackets are ideally suited for reducing the viscosity of a vast variety of products including fats, oils, resins and foodstuffs. Industry recognised as a plastic drum heater solution, the HISD is utilised to reach and maintain consistent temperatures of up to 90°C and also offers unrivalled solution for frost protection applications.

Globally used for a multitude of industries but most commonly found in the pharmaceutical and cosmetics industries, the HISD solution is the ideal selection for effectively and efficiently heating materials stored in any type of drum or container.

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### Details



Bespoke printing for the HISD is available, detailing your company information and specifications for the element.



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



The HISD is fitted with a capillary thermostat for temperature control.

### Construction

The high quality silicone heating element of the HISD range of side drum heaters is stitched into an insulated jacket made from a highly durable flame retardant polyester fabric and insulated with a thermally efficient, flexible E-glass fibre blanket. The construction is complete with easy to use quick release buckles, for simple installation and removal, 4 metres of robust power cable and either a 0 to +40°C or 0 to +90°C capillary thermostat. An over-temperature thermostat is fitted for further protection and the finished product is a class two double insulated element meaning that the product far exceeds European safety standards.

<b>Jacket Material</b>	Flame retardant polyester fabric
<b>Insulation</b>	E-glass fibre blanket
<b>Element</b>	Silicone insulated spiral wound resistance element
<b>Control</b>	0 to +40° or 0 to +90°C Adjustable thermostat
<b>Power Cable</b>	4 Metre HO7RN-F
<b>Fixing</b>	Polypropylene webbing with quick release adjustable buckles

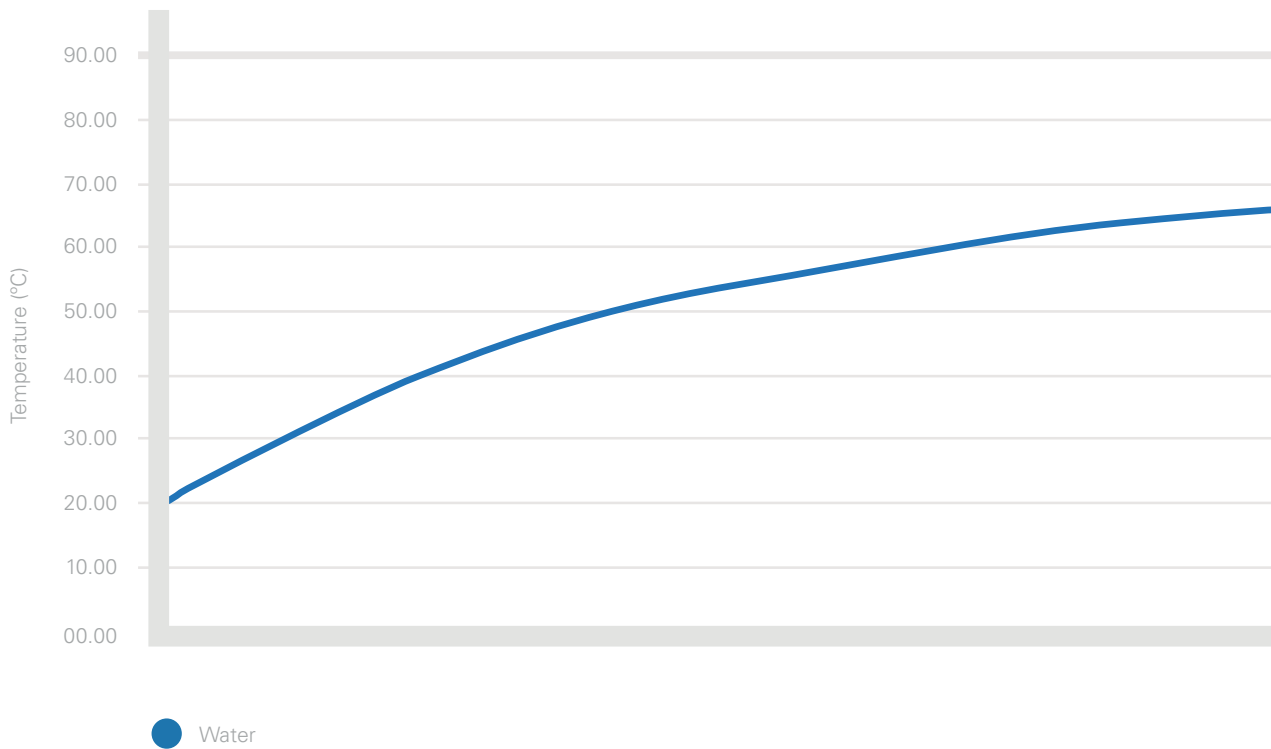
### Technical Data

- Power rating: 110 or 230 Volts
- Temperature Control: 0 to 40°C or 0 to 90°C thermostat

Drum Size	Size mm	Power	Diameter*mm
25L	400 x 1020	200W	277 to 315
50L	460 x 1250	250W	350 to 388
105L	370 x 1650	400W	470 to 515
200-210L	450 x 1950	450W	573 to 611
200-210L	800 x 1950	1200W	573 to 611

\* Minimum to Maximum - The diameters given do not guarantee perfect fit. If fitting to the largest diameter the edges of the jacket may not touch. The optimum diameter is midway between the two given diameters.

HISD/D TEST DATA



The graph above shows a test report on the HISD/D 1000W on a plastic Drum.

## 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. The HISD Heater Jacket is the most universally sold product, featured across an extremely varied range of applications due to the efficient, cost effective and gradual nature of its 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.