

heatfast

Type HF5FB High Performance Drum Heater



Applications:

High levels of performance, powerful heating capabilities and unrivalled durability – the HF5FB is the latest and leading heater jacket in the Heat Solutions range. This premium product delivers a previously unseen specification level that offers advantages in numerous industry applications. Designed to be powerful, robust and thermally efficient, the HF5FB provides the highest power option of all our drum heater jackets and is the solution to historical heater jacket limitations.

The PTFE material utilised in the HF5FB range also delivers EU and US recognised regulation standards for use within the food industry and enables T&D to continue our development and growth in establishing new markets to be supplied by our heating expertise.

Construction:

The heating element of the HF5FB range of side drum heaters is stitched into an insulated jacket made from lightweight, abrasion resistant PTFE fabric; this is then insulated with a high performance E-glass fibre blanket to aid thermal efficiency.

The heating jackets construction is class II double insulated to ensure user safety. Quick and easy to fit, the HF5FB side drum heater is supplied with quick-release buckles and 4 metres of robust rubber power cable that can be fitted with a range of thermostats.

- PTFE material delivers EU and US regulatory standards for use with food stuffs
- High levels of chemical and acid resistance
- Standard power availability 1800W
- Dual zone and increased wattages available on request
- Lightest heater jacket on the market
- Bespoke sizes to order
- Easy clean hygienic heater solution

PTFE Material: Regulatory statement for coated fabrics used in contact with food available on request. The PTFE material is intended for use with all food stuffs, under any contact time and temperature conditions not exceeding the maximum operating temperature mentioned in each datasheet.

Jacket Material	PTFE coated glass fibre cloth
Insulation	E-glass fibre blanket
Element	Silicone insulated spiral wound resistance element
Control	0-90°C, 0-120°C, 20-220°C adjustable thermostat
Power Cable	4 metre HO7RN-F
Fixing	High temperature polyester webbing with quick release adjustable buckles

Technical Data:

- Power rating 110 or 230 Volts

Drum Size	Size (mm)	Power	Diameter (mm)
200-210L	850 x 1950	1800W	573 to 611

*Min to Max – The diameters given do not guarantee a 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.

Commission Regulation: EU 10/221

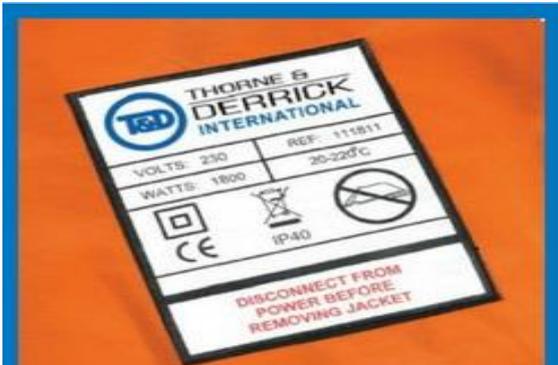
US FDA Regulation: 21 CFR 177 1550



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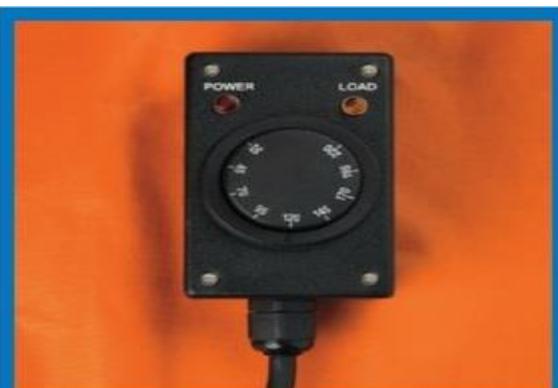
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Bespoke printing for the HF5FB is available, detailing your company information and specification for the element



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



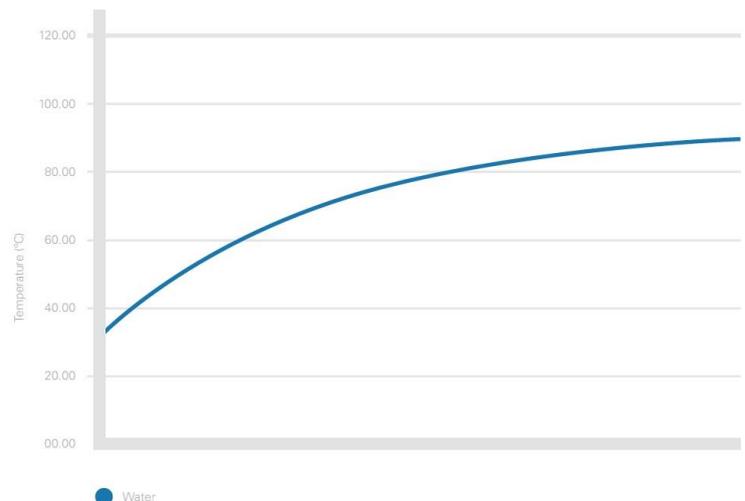
The HF5FB is fitted with an adjustable thermostat.

Performance:

The HF5FB drum heater is specifically designed for melting or reducing the viscosity of products that require aggressive heating or high temperature for handling. Used to achieve product temperatures at multiple levels and up to 220°C this jacket provides the industry standard for handling products such as waxes, soaps and materials with high water content.

The outer material of this heater not only performs in heating these solutions but can also specifically target applications for chemical, acid and food handling. Constructed with an outer layer of PTFE coated glass fabric the HF5FB has excellent thermal transfer properties and presents a great solution for maintaining consistent product temperatures of innumerable applications.

HF5FB Data:



The graph above shows a test report on the HSHP 1200W.

Service Package:

The solution delivers additional protection against many harmful substances, liquids, chemicals and acids and is designed to perform to the highest standards in demanding environments delivering constant and dependable heating time and time again.

A large part of the Heat Solutions Service Package is customer comfort, comfort that they have the best heating solution in fantastic working condition delivering process heating that is so vitally required. HF5FB can be returned at any time for a performance review.



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