



INDUCTION BASE HEATER

FARATHERM RANGE

Provides heat to the base of steel or plastic 205 litre drums and smaller containers. May be used individually, or with other Heating products.

- Uses the same technology as the proven Thermosafe Induction Heater
- Suitable for use in Zone 1 & 2 rated hazardous areas (ATEX and IECEx Certified)

The Faratherm Induction Base Heater consists of an induction coil, encapsulated in glass reinforced resin with a heating plate located on top.

It has been developed using the same technology as the Thermosafe Induction Heater - a very reliable and efficient product in use worldwide for over 20 years.

Powered by a single phase ac mains supply, it will heat the base of drums and containers placed onto it.



The Faratherm is safe to use in hazardous areas (zones 1 and 2). It is fully certified to meet both ATEX and IECEx requirements. With an ingress protection rating of IP66 and no moving parts, it is suitable for use in harsh environments or where regular cleaning is required.

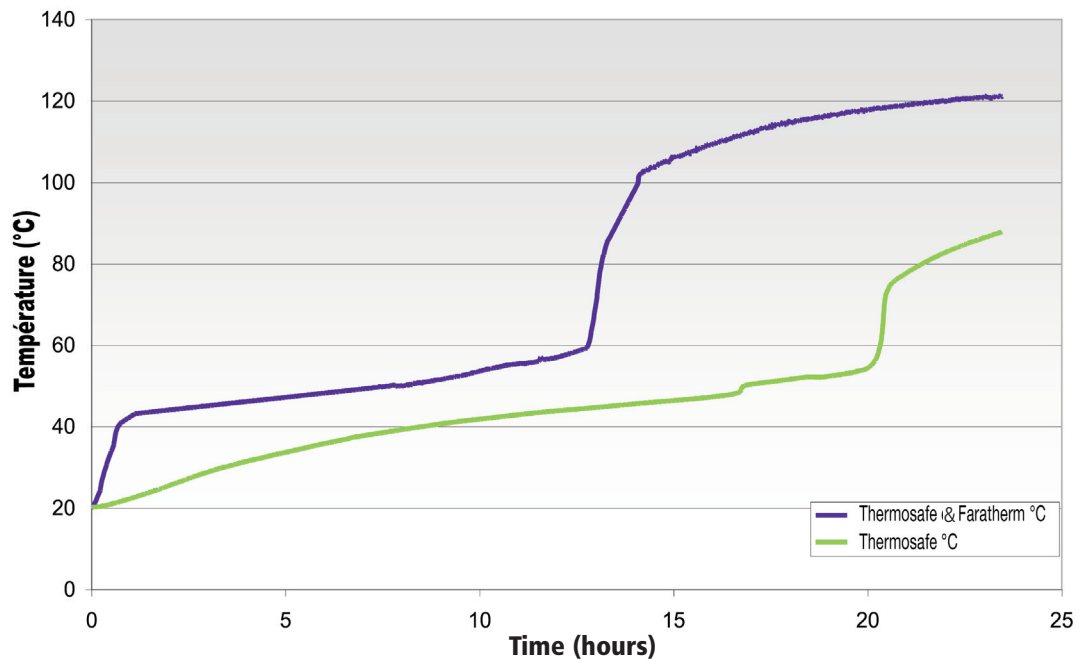
The plate is heated by induction and therefore there are no heating elements. The maximum temperature is self limiting. In most applications additional temperature regulation is not required. Please contact us to discuss specific requirements.

Drums and containers up to 205 Litres may be heated with the FARATHERM.. Plastic, steel or stainless steel are all suitable



The Faratherm will heat drums and containers by itself. However for reduced heating times it can also be used with an insulated jacket, or the Thermosafe Induction Heater, with or without a "top-hat".





Temperature of Wax measured at hardest to heat location (base of drum in centre)



Testing has shown that the addition of a Faratherm when using a Thermosafe to melt a solid or wax will significantly shorten the heating time. A 39% time reduction for a full drum of wax to be melted to 80°C has been recorded.

Product Specification

Power : 500 watts, 7A
 Supply voltage : 240 V 1ph, 50/60Hz ac
 Class II Appliance (double electric insulation), Weight : 45 kg
 Ingress Protection : IP 66
 Overall diameter : 887 mm
 Heating plate diameter : 550 mm
 Overall Height : 59 mm
 Power cable : 5 m PVC insulated, sheathed galvanized steel wire braided

Homologations

Standards: EN 60079-0:2004, EN 60079-7:2003, IEC61241-0:2004, EN61241-1:2004
 EC-Type Examination Certificate Number : Sira 07ATEX3034X
 IECEx Examination Certificate Number : IECEx SIR 07.0017X
 II 2 GD Ex e II T3 Ex etD A21 IP66 T200°C (Zones 1 & 2)

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