



FARATHERM® Induction Base Heater

Provides heat to the base of steel or plastic 205L drums and smaller containers

May be used individually, or with specific LMK heating products*

Uses the same technology as the proven Thermosafe Induction Heater

Suitable for hazardous area use (certified to ATEX, IECEx, UL & CSA standards)

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



The Faratherm is a class II appliance safe to use in hazardous areas (zones 1, 2, 21 and 22). It is fully certified to meet ATEX, IECEx, UL and CSA 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 - this is governed by the material being heated and the heating arrangement. In most applications additional temperature regulation is not required, however control options are available – please ask for more information.

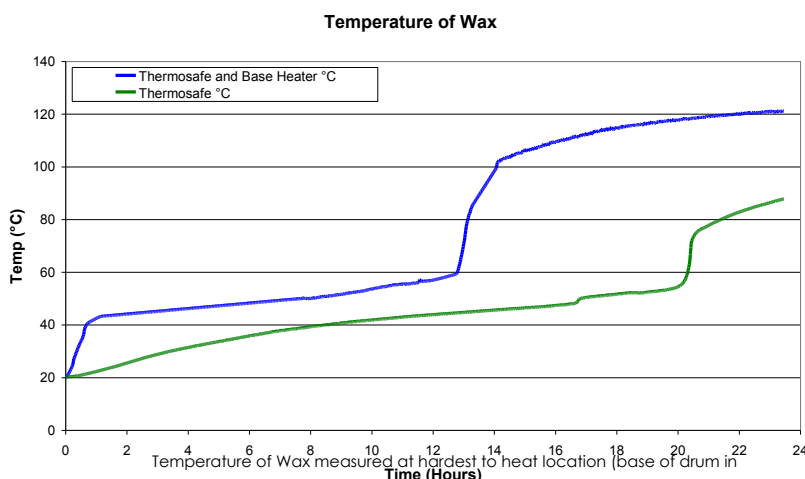


Drums and containers up to 205 litres / 55 US gal may be heated. HDPE plastic, steel or stainless steel are all suitable.

The Faratherm will heat drums and containers by itself. However, for reduced heating times it can also be used with an LMK insulated jacket, or the Thermosafe induction heater, with or without a "top-hat". (Certified "T" ratings will vary.) 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 40% time reduction for a full drum of wax to be melted to 80°C has been recorded.



centre)



* Please note that when used in a hazardous area, the Faratherm may NOT be used with a flexible heating jacket, regardless of the jacket's own certification. For further details please contact the LMK Thermosafe sales team.

PRODUCT SPECIFICATION

Single-phase up to 240v, 50/60Hz ac

Current / power consumption: 7A / 500W

(Note: inductive power factor)

Heating plate ø: 550mm | Overall width: 887mm

Heating plate height: 59mm

Net weight: 45kg

Class II Appliance | Ingress Protection IP66

Hazardous Area Certification:

Standards: EN 60079-0:2004, EN 60079-7:2003, IEC 61241-0:2004, EN 61241-1:2004

EC-Type Examination Certificate Number: Sira 07ATEX3034X

IECEX Examination Certificate Number: IECEX SIR 07.0017X



II 2 GD Ex e II T3 Ex tD A21 IP66 T 200°C (zones 1, 2, 21 and 22)

UL / CSA standard certifications available upon request.