

Faratherm – Drum Base Heating for Hazardous Areas

LMK Thermosafe's **Faratherm** induction drum base heater is specifically developed for Zone 1 and 2 rated hazardous areas. It uses the same electromagnetic technology and is designed to be used with the LMK Thermosafe TH Induction Heater for drums, where it has been shown to increase heating rates by up to 40%. It can also be used on its own, or with an insulated jacket as a warming or anti-freeze option.

The principle of induction requires no heating elements and the maximum temperature is self-limiting – this is governed by the material being heated, the surrounding environment and the heating arrangement. In most applications additional temperature regulation is not required, however, control options are available. With IP66 ingress protection rating and no moving parts, it is suitable for use in harsh environments or where regular cleaning is required. This all adds up to an exceptional level of safety in dangerous operating conditions and it has received ATEX and IECEx Hazardous Area Certification for Zone 1 and Zone 2.

The **Faratherm** drum base heater can be used on steel or plastic drums of any size up to and including 205 litres. The base plate is smaller than the width of this size drum to allow the plate to sit against the body of the drum rather than on its rim.

Specifications

Class II appliance
Ingress Protection IP66
Single phase 240 volt maximum 50/60Hz A.C.
Current at 240 volts is 7A, 500W
5metre GSWB flexible cable supplied without plug
RCD must be fitted in series
Plate dia: 550mm; Overall width/height: 887/59mm
Weight 45kg

Certification

Standards: EN60079-0:2004, EN60079-7:2003,
IEC61241-0:2004, EN61241-1:2004
EC-Type Examination Certificate Number:
Sira 07ATEX3034X
IECEX Examination Certificate Number:
IECEX SIR 07.0017X
II2GD Ex e II T3 Ex e tD A21 IP66 T 200°C (Zones 1
and 2)

Features and Benefits

- Flexible solution to hazardous area heating in a range of drums up to 205 litre drums examined and certified by world recognised Bodies.
- Less power to achieve warming of products makes for greater energy efficiency and lower environmental impact.
- Can be used on steel or plastic drums.
- Robust for use in harsh environments.
- No transformers required as it operates using standard AC supply voltages.
- Easy to use on its own, with insulated jacket or TH Induction heater and easily washed down – can be hosed down even when in operation.



Interested and require more information? Please contact your local representative or email us at info@sbhsolutions.com.au