

InteliHeat – Safe Heating for 205 litre drums in Hazardous Areas

LMK Thermosafe's new **InteliHeat** 205 litre drum heater takes the heater jacket where it has not been before – into dangerous potentially explosive areas. The proprietary **InteliHeat** is constructed with custom elastomer and silicone coated glass cloth material outer surfaces and high density fibreglass insulation. The heating medium uses a patented technology of carbon rich semi-conducting positive temperature co-efficient membranes.

This all adds up to an exceptional level of safety in dangerous operating conditions even in the presence of potentially explosive gases. Because of this, it has received ATEX and IECEx Hazardous Area Certification for Zone 1 and Zone 2.

The **InteliHeat** 205 litre drum heater can be used on steel or plastic drums and will achieve similar heating performance as the standard full length HDD jacket. A standard LMK 'soft top' insulated lid can be used to reduce heat loss and improve heating times. When used with an insulated lid, temperatures of up to 80°C should be achievable (product dependent). Custom jackets can be made to suit other styles of dangerous goods containers or drums.

Specifications

Class II appliance
Ingress Protection IP44
Single phase 240 volt maximum 50/60Hz A.C.
Current at 240 volts is 3A, 720W
5metre GSWB flexible cable supplied without plug
RCD must be fitted in series
Overall length: 1950mm; Overall height: 850mm
Weight 9kg

Certification

Standards: EN60079-0:2004, EN60079-7:2003
EC-Type Examination Certificate Number:
Sira 07ATEX3293X
IECEx Examination Certificate Number:
IECEx SIR 07.0101X
II2G Ex e II (Zones 1 and 2)

Features and Benefits

- Flexible solution to hazardous area heating in 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.
- Up to 6°C per hour temperature rise (subject to operating conditions) with a maximum up to 80°C.
- Can be used on steel or plastic drums.
- No transformers required as it operates using standard AC supply voltages.
- Easily attached to the outside of drum 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