



Do you know the Real Cost of Band Heaters?

- ⇒ *In under 6 months the total operating cost of an HHND jacket is less than a typical high power band heater*
- ⇒ *HHND Heating jackets use almost half the energy for similar performance*
- ⇒ *Operators are safe to touch an HHND, but could be burnt by a band heater*



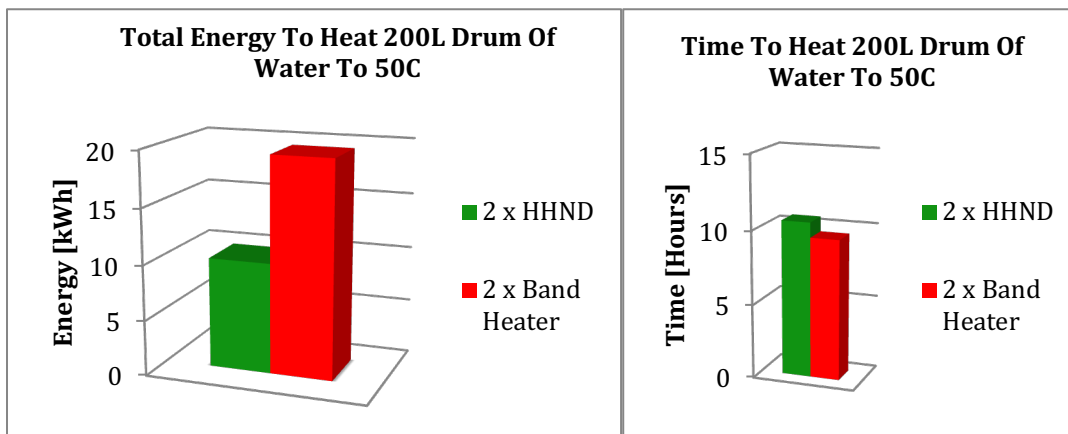
HHND – The Band Heater Alternative

LMK's "HHND" Flexible Heating Jacket offers a high performance low cost solution, which is flexible to different process heating requirements. Designed for standard 200-220 litre drums, this heating jacket delivers 750 watts of power. Excellent performance in the heating of liquids and melting of some solids has been shown at a price point normally associated with energy hungry silicone band heaters. Due to the high grade, high density insulation incorporated as standard, the outer jacket surfaces can be touched safely without protective equipment.

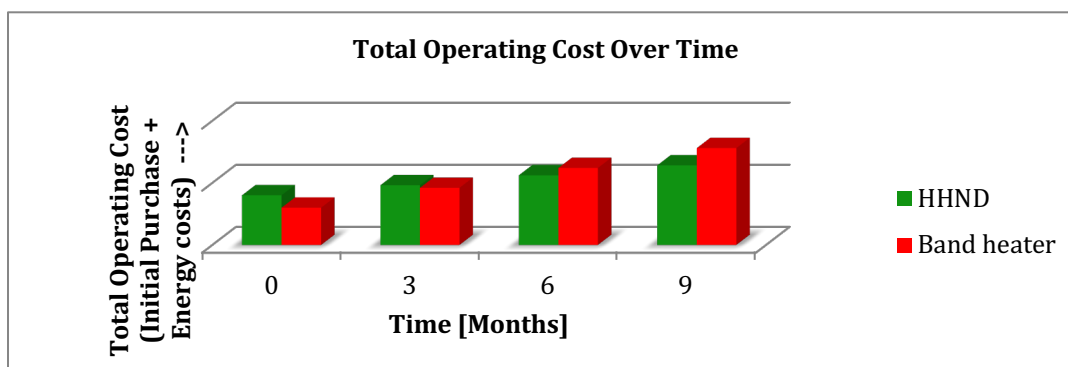
A single HHND heating jacket may be used for heating liquids and melting some solids. Two or three heating jackets combined, will increase the heating rate and allow the most difficult solids to be melted. This product is specifically marketed for distribution via our worldwide sales partners holding local inventory, and will only be sold in batch quantities of 10 or more. Each jacket will be wrapped for individual resale, with its own operating instructions

DOES A "LOW COST" BAND HEATER DELIVER BETTER VALUE FOR MONEY THAN AN INSULATED HEATING JACKET?

Our HHND band heater replacement has been rigorously tested and compared with typical silicone band heaters to scientifically analyse performance, energy usage and operating costs. In a standard test environment, a full 200L drum of water was heated from 20°C to 50°C using two of each heater type, logging power consumption and contents temperature.



The results above clearly show that although a band heater is marginally quicker to heat the entire contents to 50°C, the total energy required is almost double the HHND insulated jacket. In this real-life example, it takes less than 6 months for the total operating costs of an HHND heater to be less than the cost of a band heater.



*Model HHND insulated heating jacket was compared with a 1000W Band Heater. Thermostats on both heaters were set to 90°C. Cost assumes that heaters are used for the same heating cycle every working day.

ARE USERS SAFE TO TOUCH A BAND HEATER?

ISO 13732-1 states that skin contact time of just 1 second with a surface at 80°C could result in a burn!

The outer surface of a band heater can typically reach around 125°C.
The HHND has been shown to reach temperatures around 50°C.

Note:

ISO 13732-1 Ergonomics of the thermal environment –

Methods for the assessment of human responses to contact with surfaces -- Part 1: Hot surfaces

HHND Product Specification

750W per jacket, 110v or 240v, 50/60Hz ac

200-220L drums, 1950mm x 270 mm, 1 x 0-90°C jacket-mounted thermostat

Class II Appliance, IP54.