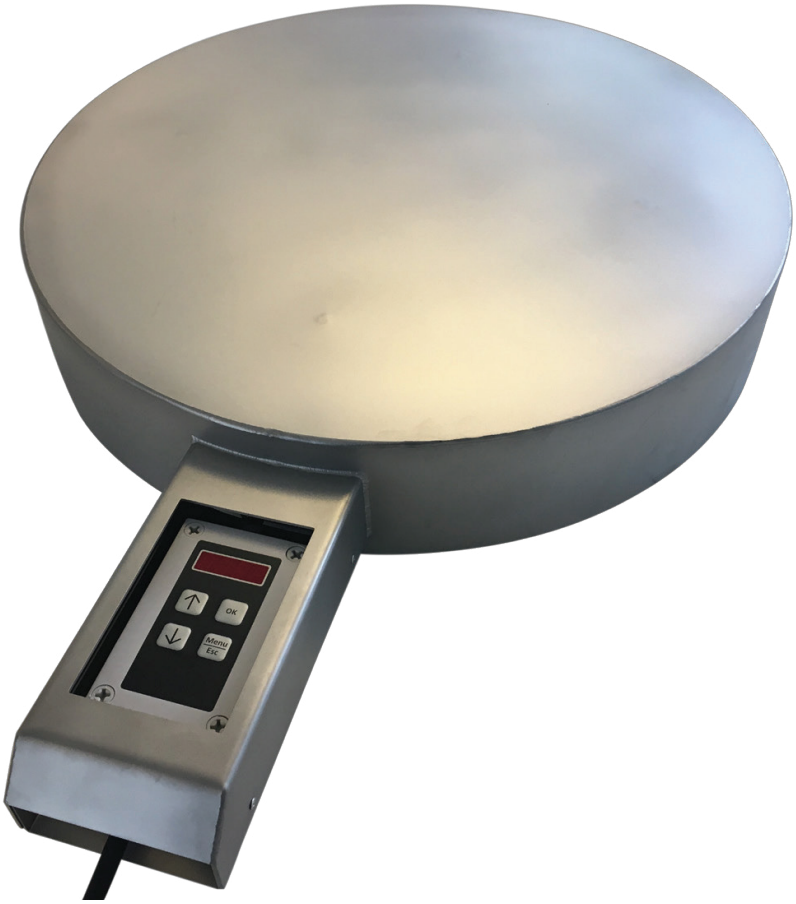
INDUSTRIAL PUMP

Base Drum Heater



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Introduction

The base drum heater is used to heat up metal drums from the bottom instead of the traditional drum heaters.

This type of base drum heater has a diameter of 550mm. which makes it compatible with all size metal drums up to the standard 200 liter drum.

The drum heater has a built in thermostat that ranges from 0°C–120°C.
The thermostat insures getting the wanted temperature and is easy to use.

If you wish for a faster heating process than the base drum heater can provide as standalone product, it is easy to combine it with a traditional drum heater or a drum insulation jacket.

Base drum heating can be used to heat a variety of liquids, e.g. water, resin, oil, diesel fuel and many other industrial liquids.

Important Safety Instructions

- Always inspect the heater before use.
- Place the drum on the heater before operating.
- Only use the heater for intented drum size.
- Never handle the drum heater while in operation.
- Always disconnect the heater before handling.
- Never immerse the heater into liquids.
- Do not try to repair damaged or faulty heaters.
- Disconnect the heater when not in use.

Failure to operating under the above instructions may result in injuries and can be fatal.

Base Drum Heater 0–120°C

Technical Specifications

Power Rating	230V, 900W.
Heating element	Wire element, glass impregnated silicone heater mat.
Insulation	50mm high density Rockwool.
Supply Lead	2 meter power cable.
Thermostat	Digital Thermostat, 0–120°C.
Weight	15 kg.
Size	ø550 mm – Height 100mm.

Can be used in combination with other drum heaters or a drum insulation jacket.

Installation and Operation

Unpacking and Inspection

Unpack the heater and place it on a clean and dry surface. Perform an inspection to look for transport damage. Do not use the heater if it is damaged!

Install power plug on cable

Use a 3-pin grounded plug.

The cable consists of three color coded conductors:

- Black wire – Connect to Line 1.
- White wire – Connect to Line 2.
- Green wire – Connect to Earth Ground.

The power connection must be adequate rated to electrically support the voltage and power of the heater. Follow all local electrical codes for proper connections.

Operation

1. Before use please check with manufactures of drum and content that it is safe to heat it to the desired temperature.
2. Place the drum on the heater and check for secure fit and balance.
3. Make sure that the drum is vented to prevent pressure build up.
4. Adjust thermostat to desired temperature.
5. Connect power cable to supply and turn on the power.

CAUTION!

- Only use heater for the intended drum size.
- Never leave the power on when no drum is on the heater.

EU-Declaration of Conformity

EU-Declaration of Conformity	CE 14

Kuhlmann Electro Heat A/S
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Denmark

Hereby declares that Kuhlman Electro-Heat A/S heating jackets is produced in accordance with the declarations in **ECR Directives (2014/35/EU):**

Low Voltage Directive 2014/35/EU,
Electromagnetic Compatibility (EMC) Directive 2014/30/EU,
CE Marking 2014/35/EU.

According to standards:
EN 61000-6-2 : 2005
EN 61000-6-4 A1:2011

Product commercial name: Heating Blanket and Heating Jacket.

Kuhlmann Electro-Heat A/S heating blankets are produced for heating up elements for curing process or maintaining a consistent temperature.

Kuhlmann Electro-Heat A/S heating blankets are produced in various sizes and effects, and all heating blankets are thermostatically controlled at either 0-90°C, 60-80°C or 0-200°C.

The insulation system and construction of the heaters meet the requirements of all the relevant EEC Directives including the Low Voltage Directive (LVD) and the Electromagnetic Compatibility Directive (EMC). To meet these requirements the heaters are produced to meet or exceed the requirements of all the relevant national and international standards.

Furthermore, the product is subjected to the following standards and circulars:
Labour inspection declaration BEK no. 612 from 25. June 2008. Declaration on design of technical devices.

Place/Date:
Odense – 11.07.2016

Lars Kuhlmann-Jensen
Managing director