

DRUM HEATERS

Kuhlmann Electro-Heat drum heaters are perfect for drums where you want to keep the content at a consistent temperature, a certain viscosity or keeping the content from freezing.

The drum heaters are equipped with easy to use digital controllers or thermostats with various heating ranges from 0°C up to 200°C (32°F up to 392°F), which makes the drum heaters ideal for almost any purpose.

The drum heaters are designed in a durable and long lasting high quality lightweight design and the construction together with quick release webbing straps makes the drum heater easy to attach to any standard size drum.

Ideal for heating up:

- Water.
- Oils and also diesel fuel.
- Resin.
- Vaseline.
- Wax, e.g. lanolin (wool wax or wool grease).
- Fats.
- Butter e.g. Ghee.



Item # 11-9870
Lid # 15-1921A



Drum Heater 0-90°C

- Polyester fabric jacket
- Silicone insulated spiral wound resistance element
- Adjustable quick release buckles
- 3 meter (10 feet) power cable
- Standard sizes e.g. 200L (55 gal.).
- Digital adjustable controller 0-90°C (32-194°F).
- IP40 Protection.
- Warm-up duration approx. 24h (200L water from +20°C to +82°C (+68° F to +180°F) with a 1200 W drum heater)
- Top lid sold separately (item # 15-1921).

Item # 11-9858



Drum Heater for foodstuff

- Designed for the food industries
- Silicone/Glass fabric jacket.
- Glass filament blanket.
- Silicone insulated spiral wound resistance element.
- Adjustable quick release buckles.
- 3 meter (10 feet) power cable.
- Standard size 200L (55 Gal.).
- Thermostat 0-120°C (32-248°F).
- IP54 Protection.
- Warm-up duration approx. 24h (200 L water from +15°C to 80°C (+59°F to +176°F) with a 1200 W drum heater).

Item # 12-1208



Silicone Drum Heater 0-120°C

- Designed in durable silicone materials.
- Simple design for easy usage.
- Thermostat with range from 0-120°C (32 - 248°F).
- Mount up to 3 heaters on one drum.
- 3 meter (10 feet) power cable
- Standard sizes e.g. 200L (55 gal.).
- A base drum heater may be used additionally

Item # 11-9867

IBC CONTAINER HEATERS

An IBC container heater is the perfect solution when it comes to quickly and effectively heating up fluids and materials making them very easy to empty from a container with minimal to no waste product.

The IBC heater comes with up to 3 zone digital controllers, all adjustable from 0 - 90°C, making the container heater very fast and safe to heat liquids and maintaining the wanted viscosity for the content in the container.

The heater is designed in a durable and long lasting high quality lightweight design and the construction together with quick release buckles makes the container heater easy to attach to any standard 1000L container.

Ideal for heating up:

- Water.
- Oils and also diesel fuel.
- Resin.
- Vaseline.
- Wax, e.g. lanolin (wool wax or wool grease).
- Fats.
- Butters e.g. Ghee.



1-Zone IBC Container Heater

- Polyester material.
- Polyester inner.
- Silicone insulated spiral wound resistance element
- Adjustable quick release buckles.
- Warm-up duration approx. 72h (1000L drum with water starting from +15° C to +30° C with 1x1300 W heaters and isolation lid).
- 3 meter power cable with w/o prong.
- 1 Digital adjustable controller 0-90°C Class IP40.
- Top lid sold separately (Item # 11-9861D)

Item # 11-9860A



2-Zone IBC Container Heater

- Polyester material.
- Polyester inner.
- Silicone insulated spiral wound resistance element
- Adjustable quick release buckles.
- Warm-up duration approx. 48h (1000L drum with water starting from +15° C to +50° C with 2x1000 W heaters and isolation lid).
- 3 meter power cable with w/o prong.
- 1 Digital adjustable controller 0-90°C Class IP40.
- Top lid sold separately (Item # 11-9861D)

Item # 11-9860



3-Zone IBC Container Heater

- Polyester material.
- Polyester inner.
- Silicone insulated spiral wound resistance element
- Adjustable quick release buckles.
- Warm-up duration approx. 48h (1000L drum with water starting from +20° C to +73° C with 3x1000 W heaters and isolation lid).
- 3 meter power cable with w/o prong.
- 1 Digital adjustable controller 0-90°C Class IP40.
- Top lid sold separately (Item # 11-9861D)

Item # 11-9861B

IBC CONTAINER HEATERS

An IBC container heater is the perfect solution when it comes to quickly and effectively heating up fluids and materials making them very easy to empty from a container with minimal to no waste product.

The IBC heater comes with up to 3 zone thermostats, all adjustable from 0 - 90°C, making the container heater very fast and safe to heat liquids and maintaining the wanted viscosity for the content in the container.

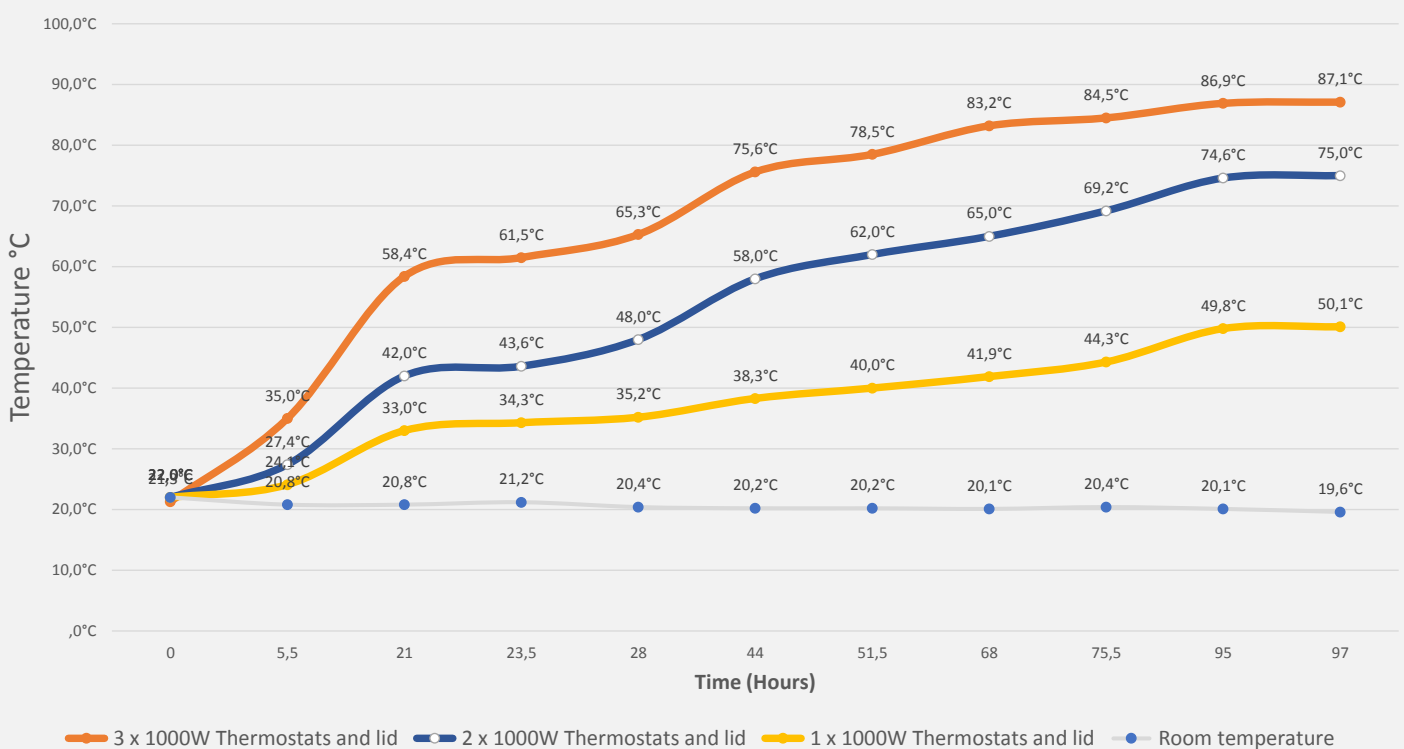
The heater is designed in a durable and long lasting high quality lightweight design and the construction together with quick release buckles makes the container heater easy to attach to any standard 1000L container.

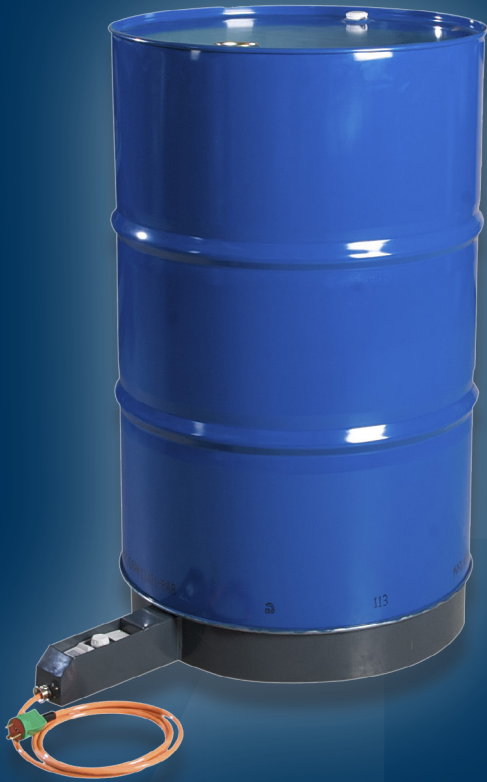
Ideal for heating up:

- Water.
- Oils and also diesel fuel.
- Resin.
- Vaseline.
- Wax, e.g. lanolin (wool wax or wool grease).
- Fats.
- Butters e.g. Ghee.



IBC Container Heating Performance
Contents: Water





Base heating is an effective and powerful way to heat up contents inside a drum or an IBC container.

The base heater is perfect for heating viscous or semi-solid products and making them very easy to discharge from a drum or a container with minimal to no waste product.

Base heaters are very easy to install and to use. simply place the heater under the container or the drum and you are all set to heat the contents. This easy installation also makes the heater ideal for heating and maintaining temperature while transporting drums or containers.

Ideal for heating up:

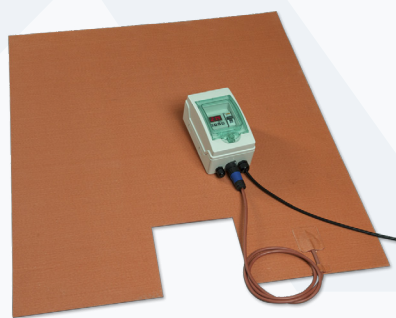
- Water.
- Oils and also diesel fuel.
- Resin.
- Vaseline.
- Wax, e.g. lanolin (wool wax or wool grease).
- Fats.
- Butters e.g. Ghee.



Base Drum Heater

- Powerful drum heater.
- Compatible with standard size drums.
- 900 Watt heater.
- Supply lead: 2 meter power cable
- 0-120°C or 50-300°C temperature controller.
- Weight: approx. 15 kg
- May also be used in conjunction with other drum heaters.
- Diameter 555 mm. – Height: 105 mm.
- Easy installation.

Item # 11-9868



IBC Silicone Base Heater

- Powerful base heater.
- Dimensions: 1035 - 851mm.
- Materials: 100% silicone.
- 1,5 meter power cord with no plugs.
- 0-150°C Temperature controller (additional product).
- 2700 Watt heater.
- Heats water from 15°C - 70°C in less than 40 hours in a fully loaded IBC Container.
- Easy installation.

Item # 13-1471



IBC Aluminum Foil Heater

- Effective and low cost.
- Reinforced aluminum foil material.
- Aluminum tubing inside for maximum pressure withstanding.
- Dimensions: 1095 - 895mm.
- Material: Full body aluminum foil.
- 1,5 meter power cable.
- 1080 Watt or 1400 Watt heater.
- Heats water in a fully loaded IBC tank from 10°C - 43°C in less than 48 hours with a 1400W heater.

Item # 13-1296

IBC CONTAINER COVERS

IBC insulation jackets are designed to insulate and maintaining temperature inside an intermediate bulk container (IBC).

Most of our insulation jackets can be used in conjunction with a container heater to speed up the heating process. By adding an insulation jacket to a heater helps speeding up the heating process.

Our insulation covers are designed in durable materials and in a construction that makes the cover easy to install to an IBC container.

Ideal for:

- Maintaining temperature inside a container.
- Extra insulation to speed up heating process.
- Extra container protection.
- Safe container transportation.



Item # 13-1432



IBC Deluxe Insulation Cover

- Cordura materials with Teflon coating.
- Water repellent.
- Chemical resistant.
- Integrated lid.
- Strategically placed velcro access pads.
- Standard size: 1000L Container.

Item # 15-1738



IBC PVC Waterproof Cover

- 100% Waterproof.
- Produced in durable PVC materials.
- Welded seams for optimal waterproofing.
- Can be used in conjunction with an IBC Container Heater.
- Standard size: 1000L Container.

Item # 11-9861E



IBC Thermal Cover

- Metallic aluminum inner- and outer.
- Bubble wrap foil interlayer.
- Protects container from overheating when outside.
- Perfect heat and radiation blocking.
- Top velcro pad for top container access.
- Standard size: 1000L

Item # 15-1736

IBC CONTAINER COVERS

IBC insulation jackets are designed to insulate and maintaining temperature inside an intermediate bulk container (IBC).

Most of our insulation jackets can be used in conjunction with a container heater to speed up the heating process. By adding an insulation jacket to a heater helps speeding up the heating process.

Our insulation covers are designed in durable materials and in a construction that makes the cover easy to install to an IBC container.



Item # 15-1740

Ideal for:

- Maintaining temperature inside a container.
- Extra insulation to speed up heating process.
- Extra container protection.
- Safe container transportation.



IBC Full Insulation Cover

- Nylon materials.
- Water repellent.
- Full cover with no openings.
- Standard size: 1000L Container.

Item # 15-1740



IBC Deluxe Insulation Cover

- Nylon materials.
- Water repellent.
- Integrated lid.
- Strategically placed velcro access pads.
- Standard size: 1000L Container.

Item # 15-1733



IBC Top Cover

- Cordura material with Teflon coating.
- Water repellent.
- Chemical resistant.
- Standard Size: 1000L.

Item # 11-9861D

HEATING BLANKETS

Heating blankets are the optimal surface heating product when it comes to safely and effectively, having to heat elements to a specific temperature.

Industrial heating blankets makes it easy to heat up material including composite, carbon, epoxy prepreg and ensure a safe and uniform temperature distribution on the surface of the material. The blanket therefore acts as a perfect heatspreader on the desired material.

Industrial heating blankets are used in many industries including production and repair of wind turbine blades, repair and production of both the marine industry and the aerospace industry.

Ideal for:

- Curing processes in aerospace industry.
- Curing processes in marine industry.
- Wind turbine rotor blade repair.
- Wind turbine rotor blade production.



Heating blanket with fixed temperature

- Available with bimetal for fixed temperature range between 60-70°C (140 - 158°F) or 70-80°C (158 - 176°F).
- The blankets can be put together to cover larger surfaces.
- 7mm. insulation for minimal heat loss.
- Straps for fixed installation (optional).
- Many sizes in stock.
- Special sizes produced upon request.



Heating blanket - Silicone High temperature

- Designed in high quality silicone materials.
- Available with temperature controller ranging from 0-140°C (32 - 284°F).
- 1 meter power cord (no plug).
- Straps for fixed installation (optional).
- Standard sizes in stock.
- Special sizes produced upon request.



Heating blanket with adjustable temperature

- Available with temperature controller ranging from 0-90°C (32 - 194°F).
- 7mm. insulation for minimal heat loss.
- 1 meter power cord (no plug).
- Straps for fixed installation (optional).
- Many standard sizes available from stock.
- Special sizes produced upon request.

IBC / PALLET LOAD COVERS

insulated thermal jackets are designed to insulate and maintaining temperature inside an intermediate bulk container (IBC) or loaded pallets.

For IBC containers most of our insulation jackets can be used in conjunction with a container heater to speed up the heating process. By adding an insulation jacket to a heater helps speeding up the heating process.

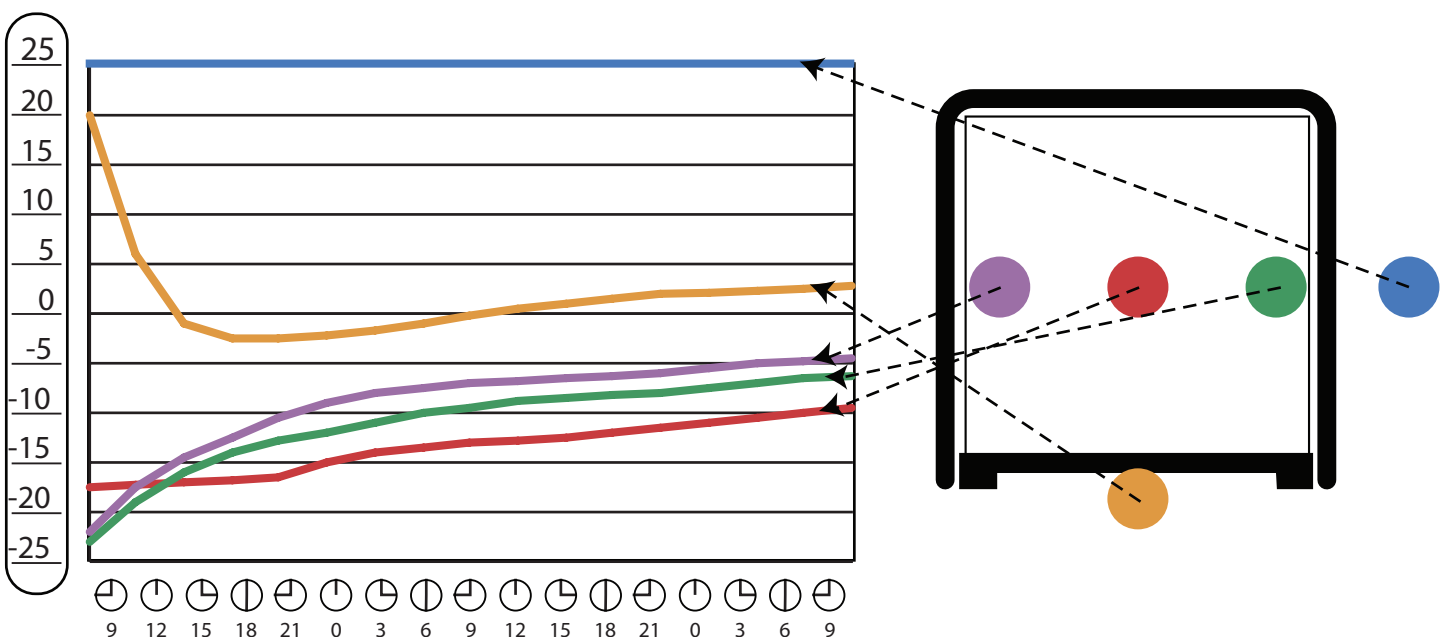
Our insulation covers are designed in durable materials and in a construction that makes the cover easy to install to an IBC container or a loaded pallet.



Ideal for:

- Maintaining temperature inside a pallet or container.
- Extra insulation to speed up heating process.
- Extra container protection.
- Safe container or pallet transportation.

400 kg hamburger tested on Euro pallet with Deluxe Insulation Cover over 48 hours. Start temperature -19°C, end temperature -9°C, room temperature 24°C.



Insulation:
POLYWOOL® 400 - 700 g/m²

HEATING BLANKETS

- With digital temperature controller & timer function

Heating blankets are the optimal surface heating product when it comes to safely and effectively, having to heat elements to a specific temperature.

Industrial heating blankets makes it easy to heat up material including composite, carbon, epoxy prepreg and ensure a safe and uniform temperature distribution on the surface of the material. The blanket therefore acts as a perfect heatspreader on the desired material.

Industrial heating blankets are used in many industries including production and repair of wind turbine blades, repair and production of both the marine industry and the aerospace industry.

Ideal for:

- Curing processes in aerospace industry.
- Curing processes in marine industry.
- Wind turbine rotor blade repair.
- Wind turbine rotor blade production.



Kuhlmann DigiTherm Temperature Controller

The Kuhlmann DigiTherm temperature controller is a durable, compact and very easy to use temperature controller for precise temperature adjustment on industrial heating blankets.

Features:

- Digital temperature display that shows both the current and desired temperature.
- PID Controller for ultra precise temperature adjustment.
- Easy to use operating buttons.
- Timer function.
- Available with different temperature limits, e.g. 0-90°C or 0-120°C.
- Advanced temperature setting with temperature increase in percent (OPTION).
- An additional temperature sensor can be added to display alternate temperature e.g. outside temperature (OPTION).





Kuhlmann HERCULES Infrared Heating Lamp

Area coverage:

- Area coverage: 2000mm x 1000mm.
- Minimum operating distance: from 250mm.
- Max vertical curing height: Dynamic.
- Max horizontal curing height: Dynamic.

Technical specifications:

- 4 independent infrared modules (cassettes).
- Infrared temperature sensor for material temperature measurement.
- Distance Ultrasonic sensor.
- Logging system for each heating zone with data output through USB.
- Robust steel constructed stable frame, fitted with rear wheel locking castors.
- Easy to use wired joystick control with 4 meter cable.
- Easy hydraulic height adjustment. (Max. height 4 meter).
- Actuator technology for horizontal and vertical operation.

