CONTAINER HEATERS

BriskHeat Corporation
Drum and Pail Heaters

BriskHeat® Drum and Pail Heaters are designed to provide practical, efficient means of freeze protection, viscosity control, and maintenance of materials at elevated temperatures. A variety of standard sizes are combined with availability of configure-to-order designs to meet your application requirements.

Product Highlights

✔ Durable and Long Lasting

✔ Large Uniform Heater Coverage and High Wattages

✔ Grounded Heating Element

✔ Built-in Control

✔ Hazardous-Area Drum Heater Option

✔ Wide Range of Applications
  - Viscosity control
  - Freeze protection
  - Temperature maintenance
  - Melting of solids
  - Heat-up drum contents to a required temperature
  - Thermal mixing

✔ Variety of Standard Sizes and Configure-to-Order Options for Special Vessel Heaters
## Drum and Pail Heaters Selection Guide

<table>
<thead>
<tr>
<th>Type</th>
<th>DHCS &amp; DPCS Heavy Duty Drum Heater</th>
<th>DMCH &amp; DPCH Extra Heavy Duty Drum Heater</th>
<th>DHCX Hazardous-Area Drum Heater</th>
<th>ECONO Drum Heater</th>
<th>FGHQ Full-Coverage Drum Heater</th>
<th>FGDJ Drum Insulator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage Area</td>
<td>4” (102mm)</td>
<td>4” (102mm)</td>
<td>8” (203mm)</td>
<td>3.6” (91mm)</td>
<td>Full-Coverage</td>
<td>Full-Coverage</td>
</tr>
<tr>
<td>Silicone thickness per layer</td>
<td>20 mils</td>
<td>20 mils</td>
<td>23, 25 mils</td>
<td>15 mils</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Silicone density per layer</td>
<td>21.7 oz/yd² (736 grams/m²)</td>
<td>21.7 oz/yd² (736 grams/m²)</td>
<td>26 oz/yd² (881 grams/m²)</td>
<td>16.8 oz/yd² (570 grams/m²)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of layers</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Moisture Resistant</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Chemical Resistant</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Grounded</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Available for use with poly drums</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Approvals</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

© BriskHeat Corporation. All Rights Reserved. 15-01
Heavy Duty Silicone Rubber Drum and Pail Heaters

Product Highlights
- Excellent solution for a wide range of poly and metal drum applications
- Extra-wide 4” (102mm) heater coverage
- Extra-long service life: Excellent durability and flexibility
- Grounded heating element meets NEC 427.23
- Easy adjustable thermostat control (°F or °C)
- Moisture and chemical resistant
- Choice of voltage: 120VAC or 240VAC
- 450°F (232°C) maximum exposure temperature on heating surface
- Dielectric strength of over 2000 volts
- Power cord 6-foot (1.8m) long
- 120V include standard 3-prong plug (NEMA 5-15)
- DHCS has bare wire leads*
- Spring closure can be expanded 3” (76mm)

Specifications:
- Heating element is laminated between extra-thick layers of 20mil fiberglass reinforced silicone rubber
- Patented 360° grounded multi-stranded heating element is uniformly placed to maximize heat distribution
- Adjustable thermostat: 50°F to 425°F (10-218°C) for metal†
- 50°F to 160°F (10-71°C) for plastic†
- Moisture and chemical resistant
- Choice of voltage: 120VAC or 240VAC
- 450°F (232°C) maximum exposure temperature on heating surface
- Dielectric strength of over 2000 volts
- Power cord 6-foot (1.8m) long
- 120V include standard 3-prong plug (NEMA 5-15)
- 240V has bare wire leads*
- Spring closure can be expanded 3” (76mm)

Ordering Information:
- Heavy Duty (DHCS and DPCS series): Designed with two extra-thick layers of fiberglass reinforced silicone rubber for excellent strength and durability.
- Extra Heavy Duty (DHCH and DPCH series): Longest lasting and most durable drum heater. Designed with three extra-thick layers of fiberglass reinforced silicone rubber for ultimate strength and durability.

For Metal Drums/Pails

<table>
<thead>
<tr>
<th>Size (Gallon/Liter)</th>
<th>Heavy Duty Watts</th>
<th>Extra Heavy Duty Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120VAC</td>
<td>240VAC</td>
</tr>
<tr>
<td>5 (19)</td>
<td>550</td>
<td>DHC510</td>
</tr>
<tr>
<td>16 (61)</td>
<td>700</td>
<td>DHC511</td>
</tr>
<tr>
<td>30 (114)</td>
<td>1000</td>
<td>DHC513</td>
</tr>
<tr>
<td>55 (208)</td>
<td>1200</td>
<td>DHC515</td>
</tr>
</tbody>
</table>

For Poly (Non-Metal) Drums/Pails

<table>
<thead>
<tr>
<th>Size (Gallon/Liter)</th>
<th>Heavy Duty Watts</th>
<th>Extra Heavy Duty Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120VAC</td>
<td>240VAC</td>
</tr>
<tr>
<td>5 (19)</td>
<td>150</td>
<td>DPCS10</td>
</tr>
<tr>
<td>15 (57) &amp; 16 (61)</td>
<td>200</td>
<td>DPCS11</td>
</tr>
<tr>
<td>30 (114)</td>
<td>250</td>
<td>DPCS13</td>
</tr>
<tr>
<td>55 (208)</td>
<td>300</td>
<td>DPCS15</td>
</tr>
</tbody>
</table>

Extra-Wide
Extra-Strong
Easier-to-Use

Ordering Options:
A. Celsius Label Option: Add a “-C” at the end of the part number.
B. CSA Approved Option: Add an “A” at the end of the part number. Includes bare wire leads.
C. Drum Heater without controlling thermostat: Replace “C” with “N” in part number. External control is required with this option.

* 240VAC Fahrenheit models have bare wire leads. 240VAC Celsius models have crimped wire ferrule terminated leads.
† If precise temperature control is required for your application, please contact BriskHeat or your local distributor for application assistance and product solutions.
DHCX Hazardous-Area Rated Drum Heater

Product Highlights
- Hazardous-area rated
- Dual set-point NEMA 7 temperature controller connected to a high temperature limit indicator light
- Extra wide 8” (203mm) coverage area
- Exceptional durability and flexibility
- Grounded heating element meets NEC 427.23
- Designed for metal drums

* Class I Division 2 Groups A, only for drum heater without NEMA 7 temperature controller

Specifications:
- 8” (203mm) wide band
- High-limit thermostat designed to keep blanket below NEC article 500 T-rating
- Power density of 2.5 Watts/in² (.004 Watts/mm²)
- Patented grounded heating element
- Heating element is laminated between two layers of 23 mil and two layers of 25 mil fiberglass reinforced silicone rubber
- Nominal silicone rubber density of 26 oz/yd² (881 grams/m²) per layer
- Attached adjustable dual set-point NEMA 7 temperature controller with a 6-foot (1.8m) long power cord. One set-point is set at a high temperature limit and connected to a red indicator light. Moisture and chemical resistant
- Blanket leads 6-foot (1.8m) long for NEMA7 controller; 1-foot (0.3m) without controller
- Leads from blanket to controller are enclosed in a liquid tight conduit
- 400°F (204°C) maximum exposure temperature on heating surface

Ordering Information:

For T3 Environments

<table>
<thead>
<tr>
<th>Gallon (Liter) Size</th>
<th>Diameter in (mm)</th>
<th>Total Wattage</th>
<th>Length in (mm)</th>
<th>Width in (mm)</th>
<th>120VAC</th>
<th>240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 (114)</td>
<td>18.6 (473)</td>
<td>1000</td>
<td>58.5 (1486)</td>
<td>8 (203)</td>
<td>DHCX131000T3</td>
<td>DHCX231000T3</td>
</tr>
<tr>
<td>55 (208)</td>
<td>22.3 (566)</td>
<td>1300</td>
<td>70.0 (1778)</td>
<td>8 (203)</td>
<td>DHCX151300T3</td>
<td>DHCX251300T3</td>
</tr>
</tbody>
</table>

For T4A Environments

<table>
<thead>
<tr>
<th>Gallon (Liter) Size</th>
<th>Diameter in (mm)</th>
<th>Total Wattage</th>
<th>Length in (mm)</th>
<th>Width in (mm)</th>
<th>120VAC</th>
<th>240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 (114)</td>
<td>18.6 (473)</td>
<td>1000</td>
<td>58.5 (1486)</td>
<td>8 (203)</td>
<td>DHCX131000T4A</td>
<td>DHCX231000T4A</td>
</tr>
<tr>
<td>55 (208)</td>
<td>22.3 (566)</td>
<td>1300</td>
<td>70.0 (1778)</td>
<td>8 (203)</td>
<td>DHCX151300T4A</td>
<td>DHCX251300T4A</td>
</tr>
</tbody>
</table>

Ordering Option: Without controlling thermostat and pilot light. Replace “C” with “N” in part number. External control is required with this option.
ECONO Drum and Pail Heater

Product Highlights

✓ 3.6” (91mm) wide heater coverage
✓ Economical choice
✓ Grounded heating element meets NEC 427.23
✓ Easy adjustable thermostat control
✓ Designed for metal drums and pails
✓ CE Rohs Compliant

Specifications:

• Heating element is laminated between two layers of 15 mil fiberglass reinforced silicone rubber
• Silicone rubber density of 16.8 oz/yd² (570 grams/m²) per layer
• Patented grounded heating element
• Dielectric strength of over 2000 volts
• Adjustable thermostat, 50°F to 425°F (10 to 218°C)†
• 450°F (232°C) maximum exposure temperature on heating surface
• Moisture and chemical resistant
• Power cord 6-foot (1.8m) long
  120V include standard 3-prong plug (NEMA 5-15)
  240V has bare wire leads*
• The spring closure can be expanded 3” (76mm)

† If precise temperature control is required for your application, please contact BriskHeat or your local distributor for application assistance and product solutions.

Ordering Information:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECONO5-1</td>
<td>Grounded Drum Heater 5 Gallon</td>
</tr>
<tr>
<td>ECONO5-2</td>
<td>Grounded Drum Heater 6.5 Gallon</td>
</tr>
<tr>
<td>ECONO15-1</td>
<td>Grounded Drum Heater 16 Gallon</td>
</tr>
<tr>
<td>ECONO15-2</td>
<td>Grounded Drum Heater 20 Gallon</td>
</tr>
<tr>
<td>ECONO30-1</td>
<td>Grounded Drum Heater 30 Gallon</td>
</tr>
<tr>
<td>ECONO30-2</td>
<td>Grounded Drum Heater 55 Gallon</td>
</tr>
<tr>
<td>ECONO55-1</td>
<td>Grounded Drum Heater 55 Gallon</td>
</tr>
<tr>
<td>ECONO55-2</td>
<td>Grounded Drum Heater 55 Gallon</td>
</tr>
</tbody>
</table>

* 240VAC Fahrenheit models have bare wire leads. 240VAC Celsius models have crimped wire ferrule terminated leads.

**C** Celsius option has crimped ferrule wire terminated leads.

Celsius Label Option: Add a “C” at the end of the part number.

Accessories:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10180</td>
<td>Replacement spring for BriskHeat®</td>
</tr>
<tr>
<td></td>
<td>Silicone Rubber Drum Heaters</td>
</tr>
</tbody>
</table>

10180: Replacement Spring
FGDH Full-Coverage Drum Heaters

BriskHeat® Full-Coverage Drum Heaters are designed to wrap around a drum and heat the contents while insulating to keep the heat exactly where it needs to be. Full-Coverage drum heaters combine the convenience of quick heat-up time and the precision of a digital controller to provide you with the most practical, efficient means of freeze protection, viscosity control, and maintenance of materials at elevated temperatures.

Product Highlights

- Full-Coverage Drum Heaters are insulated to maximize heat efficiency and heat-up time
- Easy-to-use digital temperature controller
- Designed for metal and poly drums
- Grounded heating element meets NEC 427.23
- CE
- Wide range of applications
  - Viscosity control
  - Freeze protection
  - Temperature maintenance
  - Melting of solids
  - Heat-up drum contents to a required temperature
  - Thermal mixing

Specifications:

- Silicone impregnated cloth facing and liner
- 1" (25mm) thick fiberglass insulation
- Digital on / off temperature controller:
  - 50° to 450°F (10° to 232°C) for metal drums
  - 50° to 160°F (10° to 71°C) for poly drums
- Heated area:
  - 55 and 30 gallon size: Lower two thirds
  - 15 and 5 gallon size: Lower third
- Patent ground heating element
- Dielectric strength over 2000 Volts
- Closure: Hook and loop fastener
- Power cord 6-foot (1.8m) long
  - 120V include standard 3-prong plug (NEMA 5-15)
  - 240V has bare wire leads*
- 500°F (260°C) maximum exposure temperature on heating surface
- Designed for use indoors

* 240VAC Fahrenheit models have bare wire leads.
240VAC Celsius models have crimped wire ferrule terminated leads.

Fully Insulated With Digital Control
**FGDH Full-Coverage Drum Heaters**

- Easily control temperatures with the programmable digital controller.
- Display is mounted on top of controller box for increased visibility and user convenience.
- Displays in °F (°C is available upon request)

**Ordering Information:**
For Celsius Control Option: Add a “C” at the end of the part number.

<table>
<thead>
<tr>
<th>Size (Gallon)</th>
<th>Diameter (in mm)</th>
<th>Height (in mm)</th>
<th>Number of Zones</th>
<th>Total Wattage</th>
<th>Part Number 120VAC</th>
<th>Part Number 240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 (208)</td>
<td>22.3 (566)</td>
<td>36.4 (924)</td>
<td>1</td>
<td>1600</td>
<td>FGDHC55120D</td>
<td>FGDHC55240D*</td>
</tr>
<tr>
<td>30 (114)</td>
<td>18.6 (473)</td>
<td>29.5 (749)</td>
<td>1</td>
<td>1160</td>
<td>FGDHC30120D</td>
<td>FGDHC30240D</td>
</tr>
<tr>
<td>16 (61)</td>
<td>14.0 (355)</td>
<td>26.7 (678)</td>
<td>1</td>
<td>870</td>
<td>FGDHC15120D</td>
<td>FGDHC15240D</td>
</tr>
<tr>
<td>5 (19)</td>
<td>11.1 (282)</td>
<td>13.5 (343)</td>
<td>1</td>
<td>550</td>
<td>FGDHC5120D</td>
<td>FGDHC5240D</td>
</tr>
</tbody>
</table>

* 240VAC Celsius models have crimped wire ferrule terminated leads.

For Metal Drums - Dual Zone (FGDDC Series)
Designed to quickly melt viscous materials like molasses, syrups, etc.

<table>
<thead>
<tr>
<th>Size (Gallon)</th>
<th>Diameter (in mm)</th>
<th>Height (in mm)</th>
<th>Number of Zones</th>
<th>Total Wattage</th>
<th>Part Number 120VAC</th>
<th>Part Number 240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 (208)</td>
<td>22.3 (566)</td>
<td>36.4 (924)</td>
<td>2</td>
<td>3200</td>
<td>(1600 per zone)</td>
<td>FGDDC55240D*</td>
</tr>
</tbody>
</table>

* 240VAC Celsius models have crimped wire ferrule terminated leads.

For Poly Drums - Single Zone (FGPDH Series)

<table>
<thead>
<tr>
<th>Size (Gallon)</th>
<th>Diameter (in mm)</th>
<th>Height (in mm)</th>
<th>Number of Zones</th>
<th>Total Wattage</th>
<th>Part Number 120VAC</th>
<th>Part Number 240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 (208)</td>
<td>22.3 (566)</td>
<td>36.4 (924)</td>
<td>1</td>
<td>770</td>
<td>FGPDC55120D</td>
<td>FGPDC55240D*</td>
</tr>
</tbody>
</table>

* 240VAC Celsius models have crimped wire ferrule terminated leads.

If your drum diameter is greater than what is shown, an FGDHSTRIP expansion strip may be required.

**Accessories:**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGDC55</td>
<td>Drum Insulation Cover for 55 gallon</td>
</tr>
<tr>
<td>FGDHSTRIP</td>
<td>6” (152mm) wide strip that expands heater to fit up to a 24.2” (615mm) diameter drum. Strip is necessary for heater to fit around drums with removable lids.</td>
</tr>
</tbody>
</table>

**Custom Sizes and Designs Available:** Contact your local distributor or BriskHeat® for more information.
FGDI Drum Insulator

Product Highlights

✓ Compliments any 55-gallon (208-liter) drum heater
✓ Full-coverage
✓ Reduces heat loss

Specifications:

• Silicone impregnated cloth facing and liner
• 1” (25mm) fiberglass insulation
• Closure: Hook and loop fastener
• 500°F (260°C) maximum exposure temperature on heating surface
• Designed for use indoors

Ordering Information:

<table>
<thead>
<tr>
<th>Gallon Size</th>
<th>Diameter in (mm)</th>
<th>Height in (mm)</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>22.3 (565)</td>
<td>36.4 (924)</td>
<td>FGDI55</td>
</tr>
</tbody>
</table>

If your drum diameter is greater than what is shown, an FGDHSTRIP expansion strip may be required.

Accessories:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FGDC55</td>
<td>Drum Insulation Cover for 55 gallon</td>
</tr>
<tr>
<td>FGDHSTRIP</td>
<td>6” (152mm) wide strip that expands insulator to fit up to a 24.2” (615mm) diameter drum. Strip is necessary for insulator to fit around drums with removable lids.</td>
</tr>
</tbody>
</table>

Drum Covers Help Reduce Heat Loss and Speed up Heat-up Time
Tote Tank and IBC Heaters

The contents in your tote tanks and intermediate bulk containers (IBCs), such as honey, molasses, or lube oil, can be slow moving and uncooperative when you need it most, especially when winter strikes. Heat allows the contents to flow at a manageable rate.

Product Highlights

✓ Two Styles: Wrap-Around Full-Coverage Blanket Heater or Heating Pad that is Placed Underneath Tank / Bladder

✓ Does Not Contaminate or Scorch Your Product

✓ Durable and Long Lasting

✓ Variety of Standard Sizes and Configure-to-Order Options

✓ Wide Range of Applications
  • Viscosity control
  • Freeze protection
  • Temperature maintenance
  • Melting of solids
  • Heat-up tote tank / IBC contents to a required temperature
  • Thermal mixing
TOTE Wrap-Around Tote Tank / IBC Heater

Product Highlights

✔ Designed for caged, plastic, or metal tote tanks / IBCs
✔ Wrap-around blanket design allows you to heat a tote tank / IBC from the outside
✔ Does not contaminate or scorch your product
✔ Two separate heat zones allow you to adjust heater output when content levels decrease

✔ CE RoHS Compliant

Heats caged and metal IBCs with ease.

Perfect for plastic tote tanks. Heat does not scorch surface.

The Features You Need:

Controls temperature easily with adjustable thermostats.

Protects contents and tote tank surface from heat damage with manual reset high-limit safety thermostats.

Includes standard plug for an easy electrical connection.

Fits several tote tank sizes with adjustable nylon straps and buckles.

“Mouse Hole” provides easy access to Spigot.
TOTE Wrap-Around Tote Tank / IBC Heater continued

Specifications:
- Full coverage plug-and-play system
- Fits any tote tank from 40” x 40” (1016mm x 1016mm) to 48” x 48” (1219mm x 1219mm)
- Three standard height sizes: 36” (914mm), 42” (1067mm), 48” (1220mm)
- Two separate heat zones (top and bottom)
- Adjustable thermostat: 50-160°F (10-71°C)
- Built-in manual reset high-limit safety thermostat set at 195°F (91°C) for each heat zone
- Attachment method: adjustable nylon straps with buckles (Two across the top and three around the tank)
- Silicone impregnated cloth outer and inner material
- 1/4” (6mm) fiberglass insulation
- “Mouse hole” designed for spigot access
- Patented ground for your safety
- 120 / 240VAC, single-phase
- Total wattage:
  - 120VAC = 1440 watts
  - 240VAC = 2880 watts
- Power cord 6-foot (1.8M) long with 3-prong power plug:
  - 120VAC = NEMA 5-15
  - 240VAC = NEMA 6-15
- Optional insulated top cover [reduces heat loss and accelerates heat-up]

How to Measure Your Tote Tank / IBC:
1. Measure the height of the tote tank / IBC (Not including the pallet or support stand).
2. Measure the length and width of the tank. This determines the tank perimeter for the heated area.

\[
\text{Tank Perimeter} = \text{Length} \times 2 + \text{Width} \times 2
\]

Note: If tank perimeter measurement is below 160” (4064mm) or above 192” (4877mm), contact factory for heater recommendation.

Ordering Information:

<table>
<thead>
<tr>
<th>Height</th>
<th>Tank Perimeter Minimum</th>
<th>Tank Perimeter Maximum</th>
<th>Total Wattage 120V / 240V</th>
<th>Weight</th>
<th>Part Number 120VAC</th>
<th>Part Number 240VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>36” (914 mm)</td>
<td>160” (4064 mm)</td>
<td>192” (4877 mm)</td>
<td>1440 / 2880</td>
<td>34 lbs [15 kg]</td>
<td>TOTE361-ADJ</td>
<td>TOTE362-ADJ</td>
</tr>
<tr>
<td>42” (1067 mm)</td>
<td>160” (4064 mm)</td>
<td>192” (4877 mm)</td>
<td>1440 / 2880</td>
<td>40 lbs [18 kg]</td>
<td>TOTE421-ADJ</td>
<td>TOTE422-ADJ</td>
</tr>
<tr>
<td>48” (1220 mm)</td>
<td>160” (4064 mm)</td>
<td>192” (4877 mm)</td>
<td>1440 / 2880</td>
<td>46 lbs [21 kg]</td>
<td>TOTE481-ADJ</td>
<td>TOTE482-ADJ</td>
</tr>
</tbody>
</table>

Celsius Label Option: Add a “-C” at the end of the part number.
European Lead Wire Option (240V Celsius Label Only): Add a “-CVE” at the end of the part number. Equipped with crimped wire ferrule terminated leads.

RECOMMENDED: 240VAC model and top insulator is strongly recommended for applications that involve faster heat-up and melting due to the higher wattage requirements.

Accessories:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTE-TOP</td>
<td>Insulated top cover, minimizes heat loss.</td>
</tr>
</tbody>
</table>

Custom Sizes and Designs Available: Contact your local distributor or BriskHeat® for more information.
TTH Caged Tote Tank / IBC Silicone Rubber Heater and Control

Product Highlights

✓ Ideal for a wide range of outdoor and indoor caged tote tank / IBC heating applications
✓ Quick heat-up time due to direct surface contact underneath plastic bladder
✓ Non-invasive heat: Does not contaminate or scorch your product
✓ Easy-to-use and accurate digital temperature control

Specifications:

- Includes outdoor-use digital temperature control and IBC heating pad. Easy plug-and-play connections
- Multi-stranded heating element is uniformly placed to maximize heat distribution
- Heating element is laminated between two extra-thick layers of 20 mil fiberglass reinforced silicone rubber
- Type K thermocouple built into IBC heating pad
- Moisture and chemical resistant silicone rubber heating pad
- 1/2” (13mm) thick foam pad
- 180°F (82°C) maximum exposure temperature
- Silicone rubber power leads 6-foot (1.8m) long with IP 67 four-pin (NEMA 6P equivalent) output receptacle
- Temperature control input power cord is 6-foot (1.8m) long with standard three-prong plug
  - 120VAC: NEMA 5-15
  - 240VAC: NEMA 6-15

Installs Underneath Bladder for Quick Heat-up Time

Ordering Information:

TTH Tote Tank / IBC Heating Pad System

System Includes:
- TTH Tote Tank Silicone Rubber Heating Pad: Installs underneath bladder
- TTD Outdoor-Use Digital On/Off Temperature Controller: Mounts easily to cage

<table>
<thead>
<tr>
<th>Heater Size in (mm)</th>
<th>Volts</th>
<th>Watts</th>
<th>Set-Point Range</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>32” x 36” (813mm x 914mm)</td>
<td>120</td>
<td>1600</td>
<td>0 to 175°F</td>
<td>TTH32361DK</td>
</tr>
<tr>
<td>32” X 36” (813mm x 914mm)</td>
<td>240</td>
<td>3200</td>
<td>0 to 175°F</td>
<td>TTH32362DK</td>
</tr>
</tbody>
</table>

Ordering Options:
A. Celsius Control Option (0 to 80°C): Add a “-C” at the end of the part number.
B. TTH Tote Tank Heating Pad without control: Remove “K” from end of part number. External control is required with this option.
Gas Cylinder Warmers

Product Highlights

✓ Improves Process Control and Reduces Wasted Condensed Gas
  • Creates convection current
  • Increases pressure inside cylinder

✓ Gases Known to Benefit from This Process
  • SF₆, Propane, Nitrogen, Oxygen, BCl₃, WF₆, and HF

✓ Fits Most Gas Cylinders

✓ Full Surface Coverage

✓ Insulation Reduces Heat Loss

✓ Models for Hazardous Locations
  Class I Division 1 Groups B, C, and D

Specifications:

• Self-regulating grounded heating element
• Total watts: up to 150W
• 150°F (66°C) maximum exposure temperature on heating surface
• Available in 120 and 240 VAC
• Frequency range: 50-60Hz
• Insulation Thickness:
  Sides: 2.0” (51mm)
  Top: 0.5” (13mm)
• Ambient temperature range: 30° to 95°F (-1° to 35°C)
• Closure: hook and loop fastener
• Moisture and oil resistant
• Capable of being used outdoors
• Power lead type:
  Ordinary location model: SJOW cord
  Hazardous location models: Teck 90 cable
• Power lead length: 10-foot (3m)
• Optional cylinder base insulation pad and valve cover to further reduce heat loss

Patent 7,015,425 B2
Gas Cylinder Warmers continued

Ordering Information:

Ordinary Locations and Hazardous-Area Rated Models (HCW series) Min / Max Sizes:

<table>
<thead>
<tr>
<th>Diameter in inches</th>
<th>Minimum: 8” (203mm)</th>
<th>Maximum: 15” (381mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length in inches</td>
<td>Minimum: 15” (381mm)</td>
<td>Maximum: 51” (1295mm)</td>
</tr>
</tbody>
</table>

**Voltage**
1- (120VAC), 2- (240VAC)*
* GCW, 240VAC, 150W models have crimped wire ferrule terminated leads.

**Accessories**

**Cylinder Base Insulation Pad**- Placed between cylinder and floor. Further insulates the cylinder from heatsinks such as a concrete floor.

**Valve Cover**- Placed on top. Reduces the amount of heat loss through the top of the cylinder.

**Part Number Matrix**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCWTOP</td>
<td>Gage/Valve Cover</td>
</tr>
<tr>
<td>GCW12B</td>
<td>12” (305mm) Cylinder Base Insulation Pad for 8” (203mm) Cylinder</td>
</tr>
<tr>
<td>GCW15B</td>
<td>15” (381mm) Cylinder Base Insulation Pad for 9” (229mm) Cylinder</td>
</tr>
<tr>
<td>GCW18B</td>
<td>18” (457mm) Cylinder Base Insulation Pad for 15” (381mm) Cylinder</td>
</tr>
</tbody>
</table>

Custom Sizes and Designs Available: Contact your local distributor or BriskHeat® for more information.
Can’t find what you are looking for?

Our **Configure-To-Order Solutions** are quickly designed...

...to meet your **TIME** and **BUDGET**