

BriskHeat FGDHC55120D

BriskHeat Full-Coverage Drum Heater Instruction Manual

MODEL: FGDHC55120D

1. Introduction and Overview

This manual provides essential instructions for the safe and effective use of your BriskHeat Full-Coverage Drum Heater, Model FGDHC55120D. This industrial-grade heater is designed for 55-gallon drums, offering solutions for viscosity control, freeze protection, temperature maintenance, and heating contents to a desired temperature. Its robust construction, high wattage, and efficient insulation ensure reliable performance.



Image 1: BriskHeat Full-Coverage Drum Heater (Model FGDHC55120D) installed on a drum. This image illustrates the heater's full-coverage design and integrated control box.

2. Safety Information

Read and understand all safety warnings and instructions before operating this drum heater. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power source matches the heater's voltage (120 Volts). Do not operate with damaged cords or plugs. Always connect to a grounded outlet.
- **Flammable Materials:** Do not use this heater with drums containing highly flammable liquids or in

environments with explosive atmospheres unless specifically rated for such use. Consult material safety data sheets (MSDS) for contents.

- **Overheating:** Do not cover the heater's control unit or restrict airflow around the drum. Monitor the temperature to prevent overheating of drum contents.
- **Placement:** Ensure the drum and heater are placed on a stable, non-combustible surface. The heater is designed for floor mount applications.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

3. Package Contents

Verify that all items are present upon unpacking:

- 1 x BriskHeat Full-Coverage Drum Heater (Model FGDHC55120D)
- Instruction Manual (this document)

4. Setup and Installation

The BriskHeat Full-Coverage Drum Heater is designed for easy installation on standard 55-gallon drums.

1. **Prepare the Drum:** Ensure the 55-gallon drum is clean, dry, and free from any sharp edges that could damage the heater's fabric.
2. **Position the Heater:** Carefully wrap the heater around the drum, ensuring it covers the drum's circumference evenly. The heater is designed for floor mount applications, so ensure the drum is on a stable surface.
3. **Secure the Heater:** Use the integrated fastening system (e.g., straps or buckles) to secure the heater snugly around the drum. Ensure there are no gaps or loose areas that could compromise heating efficiency.
4. **Connect Power:** Plug the heater's power cord into a grounded 120 Volt electrical outlet. Ensure the outlet can handle the heater's 1600 Watts power consumption.

5. Operating Instructions

The BriskHeat drum heater features an integrated control system for temperature management.

1. **Power On:** Once plugged in, the heater is ready for operation. The control unit will typically display the current temperature or be ready for programming.
2. **Set Temperature:** Use the controls on the integrated unit to set the desired temperature for the drum contents. Refer to the specific instructions on the control unit for detailed programming steps.
3. **Monitor Operation:** The heater will begin to warm the drum contents. Periodically monitor the temperature and the heater's operation to ensure it is functioning as expected.
4. **Power Off:** To turn off the heater, either unplug it from the power source or use the power control on the integrated unit, if available.



Image 2: Close-up view of the control box on the BriskHeat Full-Coverage Drum Heater. This box houses the temperature controls and power connection.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your drum heater.

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the heater with a damp cloth. Do not immerse the heater in water or use abrasive cleaners.
- **Inspection:** Regularly inspect the heater for any signs of wear, tear, cuts, or damage to the fabric, power cord, or control unit. Do not operate a damaged heater.
- **Storage:** When not in use, store the heater in a clean, dry place, away from direct sunlight and extreme temperatures. Ensure it is properly coiled or folded to prevent damage to internal heating elements.

7. Troubleshooting

If you encounter issues with your BriskHeat drum heater, refer to the following common troubleshooting steps:

- **Heater Not Turning On:**
 - Check if the power cord is securely plugged into a live 120V outlet.
 - Verify that the circuit breaker or fuse for the outlet has not tripped.
 - Inspect the power cord for any visible damage.
- **Heater Not Reaching Desired Temperature:**
 - Ensure the temperature setting on the control unit is correct.
 - Verify the heater is snugly fitted around the drum to minimize heat loss.
 - Check for drafts or cold ambient temperatures that may affect heating efficiency.

- Ensure the drum contents are not excessively cold or require a longer heating time.
- **Unusual Odors or Smoke:** Immediately disconnect power and cease operation. Contact BriskHeat customer support.

8. Specifications

Attribute	Detail
Manufacturer	BriskHeat
Part Number	2950106
Item Weight	25 pounds
Item Model Number	FGDHC55120D
Size	Large (for 55-gallon drums)
Power Source	Corded Electric
Voltage	120 Volts
Wattage	1600 Watts
Item Package Quantity	1
Mounting Type	Floor Mount
ASIN	B00GE9LSO8
Date First Available	April 30, 2015


9. Warranty and Support





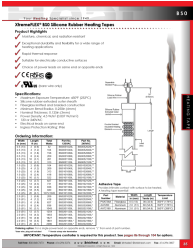
For warranty information, technical support, or service inquiries, please contact BriskHeat directly. Keep your purchase receipt and model number (FGDHC55120D) handy when contacting support.

BriskHeat Contact Information:

Please refer to the official BriskHeat website or product packaging for the most current contact details.

Related Documents - FGDHC55120D

	<p>BriskHeat SRL, SRP, SRMU, SRX Silicone Rubber Heating Blankets Instruction Manual</p> <p>Comprehensive instruction manual for BriskHeat SRL, SRP, SRMU, and SRX series silicone rubber heating blankets, covering safety, installation, operation, maintenance, and troubleshooting. Includes specifications and warranty information.</p>
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	<p>BriskHeat Silicone Rubber Heating Blankets Instruction Manual</p> <p>Instruction manual for BriskHeat Silicone Rubber Heating Blankets, covering safety, installation, troubleshooting, and warranty information. Designed for Cole-Parmer and Davis Instruments.</p>
	<p>BriskHeat LYNX™ Temperature Control System Instruction Manual</p> <p>Comprehensive instruction manual for the BriskHeat LYNX™ Temperature Control System, covering setup, operation, specifications, troubleshooting, and warranty information. Learn how to install, configure, and operate your LYNX system for optimal temperature control.</p>
	<p>BriskHeat Wet-Area Full-Coverage Drum and Pail Heaters FGDHW FGDW Series</p> <p>Explore BriskHeat's Wet-Area Full-Coverage Drum and Pail Heaters (FGDHW FGDW Series). These heaters offer IP54 water resistance, easy-to-program digital control, and durable construction for industrial applications. View detailed specifications and ordering information.</p>
	<p>BriskHeat TOTE TANK/IBC Immersion Heaters - Product Overview</p> <p>Detailed specifications and features for BriskHeat TOTE TANK/IBC Immersion Heaters. Learn about maximum thermal efficiency, easy installation, adjustable control, voltage, wattage, immersion length, temperature range, and ordering information.</p>
	<p>BriskHeat XtremeFLEX® BSO Silicone Rubber Heating Tapes - Product Datasheet</p> <p>Explore BriskHeat's XtremeFLEX® BSO Silicone Rubber Heating Tapes, featuring moisture, chemical, and radiation resistance, exceptional durability, and rapid thermal response. View specifications, ordering information, and adhesive tape options.</p>