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LANDSIN 000008660

Instruction Manual

Product: 000008660 Ice Thickness Probe Assembly

Brand: LANDSIN | **Model:** 000008660

PRODUCT OVERVIEW

The LANDSIN 000008660 Ice Thickness Probe Assembly is a critical component designed for compatibility with Manitowoc Indigo series ice machines and similar models. This probe plays a vital role in the ice production process by accurately sensing the thickness of the ice bridge forming on the evaporator. Upon reaching a sufficient ice thickness, the probe signals the machine's control board to initiate the ice harvest cycle, ensuring efficient and consistent ice production. This replacement part addresses common issues such as slow ice dispensing, the formation of very shallow or excessively thick ice, and delays in ice harvesting, restoring optimal performance to your ice machine.

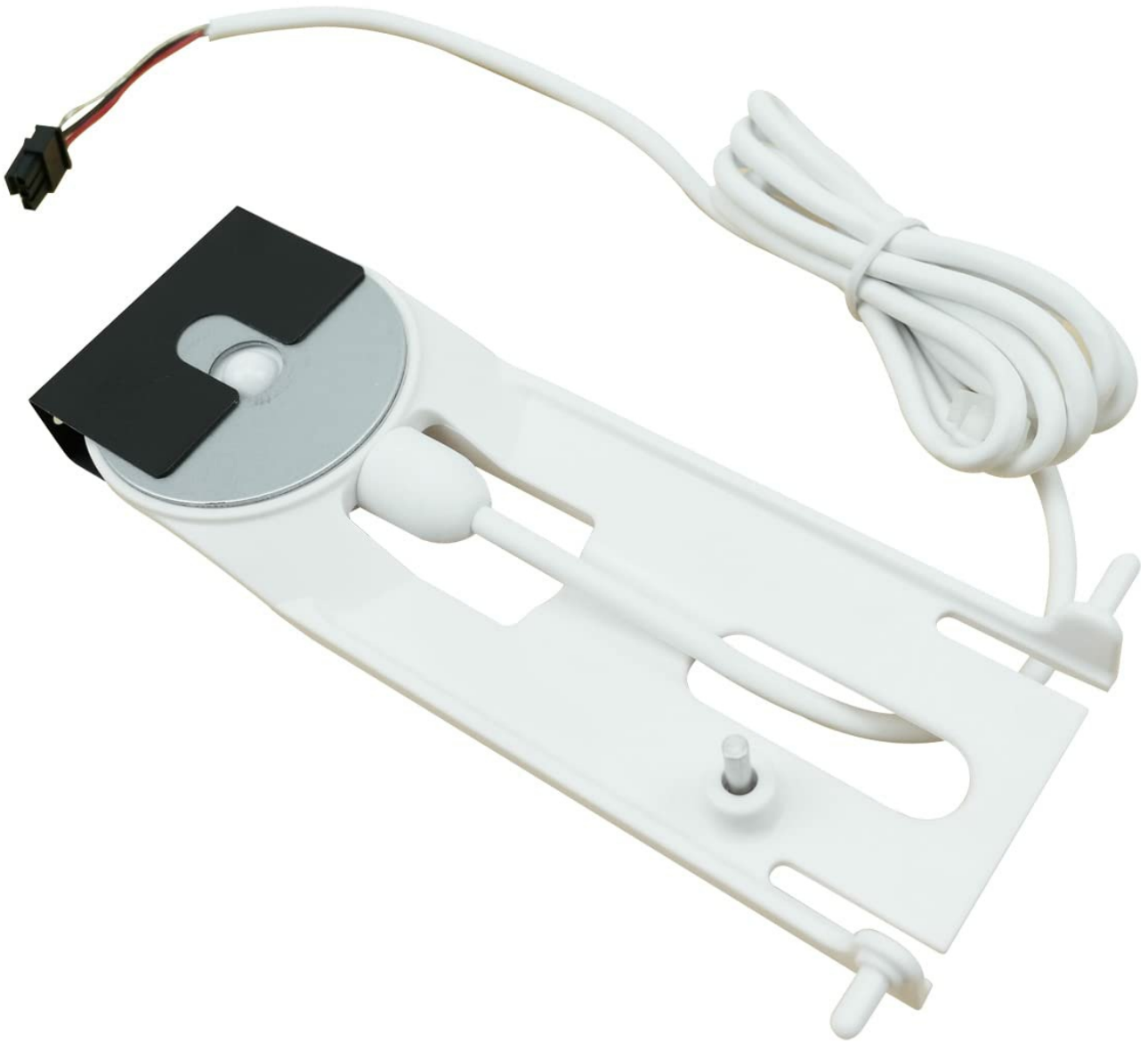


Image: The LANDSIN 000008660 Ice Thickness Probe Assembly, a white plastic component with an attached electrical wire and connector.

COMPATIBILITY

This ice thickness control probe is compatible with:

- Manitowoc Ice Machines

- Indigo Series Ice Machines
- Other ice machines requiring alternative part number 000008660

INSTALLATION (SETUP)

The 000008660 Ice Thickness Probe Assembly is designed for direct replacement of the original damaged part. While professional installation is recommended for complex machinery, the process generally involves accessing the evaporator area of the ice machine and carefully replacing the existing probe with the new one.

1. **Preparation:** Ensure the ice machine is disconnected from its power source before beginning any installation or maintenance.
2. **Access:** Locate the existing ice thickness probe within the ice machine, typically near the evaporator where ice forms.
3. **Removal:** Carefully disconnect the electrical wiring and unmount the old probe. Note the orientation and connection points for proper reinstallation.
4. **Installation:** Mount the new LANDSIN 000008660 probe in the same position and orientation as the old one. Connect the electrical wiring securely.
5. **Verification:** After installation, ensure all connections are firm and the probe is correctly seated.
6. **Power On:** Reconnect the ice machine to its power source and test its operation.

Easy to Install

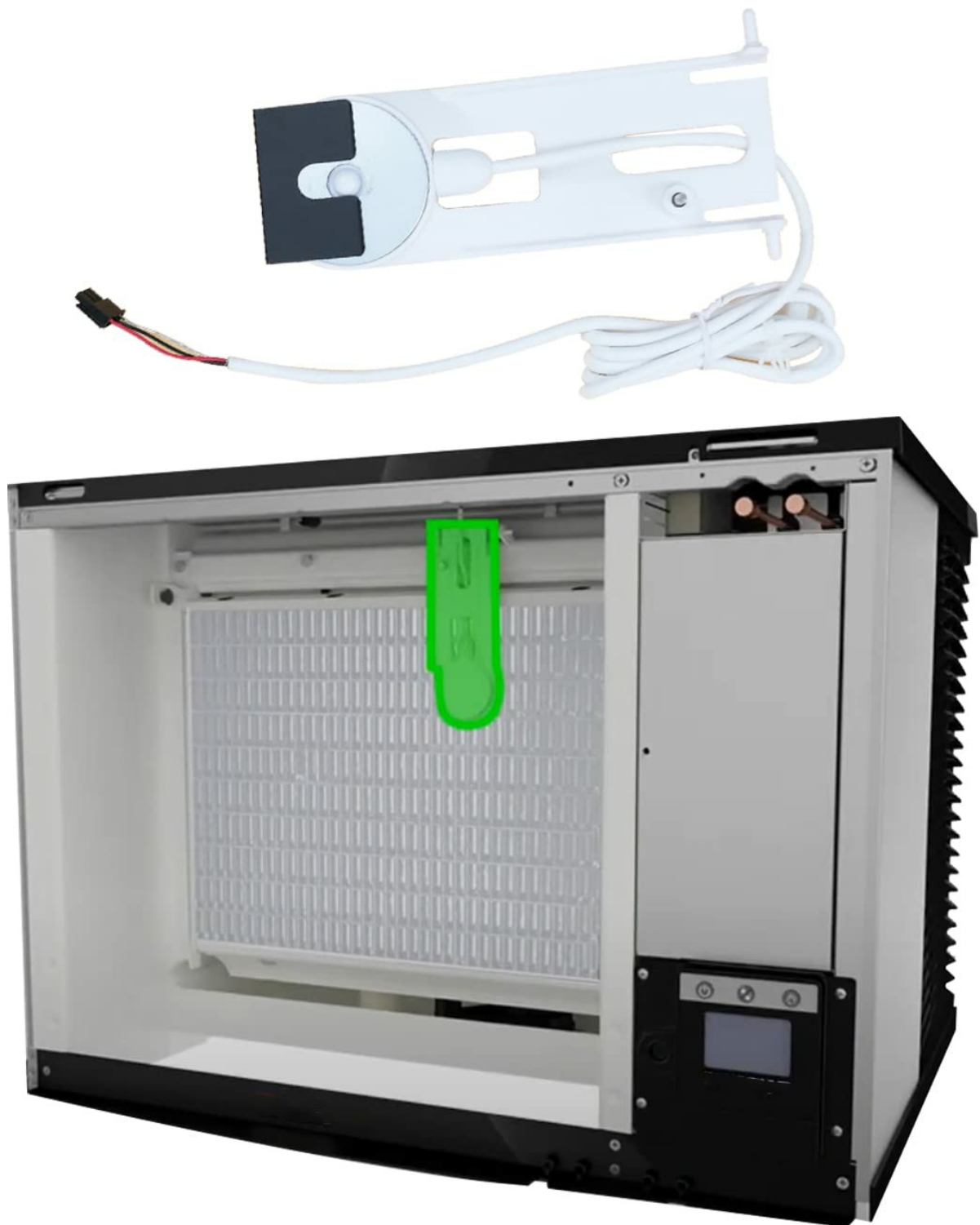


Image: A diagram illustrating the general location for installing the ice thickness probe within an ice machine, highlighting the area where the probe should be mounted.

OPERATING PRINCIPLE

The ice thickness probe operates by continuously monitoring the ice formation on the evaporator plate. As ice builds up, the probe senses its thickness. Once the ice reaches a predetermined optimal thickness, the probe sends a signal to the ice machine's control board. This signal triggers the harvest cycle, during which the ice is released from the evaporator

and falls into the ice bin. This automated process ensures consistent ice cube size and prevents issues related to under or over-formation of ice.

Ice Thickness Probe Assembly

Fits for Indigo Series Ice Machine



Image: The ice thickness probe assembly shown in relation to a commercial ice machine, illustrating its function in the ice production process.

As a replacement part, the ice thickness probe itself requires minimal direct maintenance. However, to ensure its longevity and accurate operation, it is important to maintain the overall cleanliness of your ice machine. Regular cleaning of the evaporator and surrounding components can prevent mineral buildup or debris from interfering with the probe's sensing capabilities.

- Periodically inspect the probe for any visible damage or excessive mineral deposits.
- Follow your ice machine manufacturer's guidelines for routine cleaning and descaling.
- Ensure the area around the probe remains free of obstructions.

TROUBLESHOOTING COMMON ISSUES

The LANDSIN 000008660 Ice Thickness Probe Assembly is designed to resolve specific operational problems in ice machines. If you experience the following issues, replacing a faulty ice thickness probe with this assembly may provide a solution:

- **Slow Ice Dispensing:** If the ice maker is producing ice at a significantly reduced rate or struggling to dispense ice.
- **Very Shallow or Thin Ice:** Ice cubes are not forming to their proper thickness, resulting in small or fragile ice.
- **Thick Ice That Cannot Be Dispensed:** Ice is forming too thick and is not being harvested or dispensed in a timely manner, potentially leading to blockages.

If these problems persist after replacing the probe, further diagnosis of the ice machine's control board or other components may be necessary.

Solve the Problem

1. Slow ice making
2. The ice layer is too thin or thick
3. Thick ice that cannot be dispensed in a timely manner

Image: Visual representation of common ice machine problems addressed by the ice thickness probe, including slow ice making, thin/thick ice layers, and difficulty dispensing ice.

SPECIFICATIONS

Feature	Detail

Product Dimensions	5.98 x 2.67 x 0.5 inches (5.98"D x 2.67"W x 0.5"H)
Item Model Number	000008660
Weight	5.61 ounces
Manufacturer	LANDSIN
ASIN	B0B45R9ZP3
Capacity	1 (unit)

Product Size

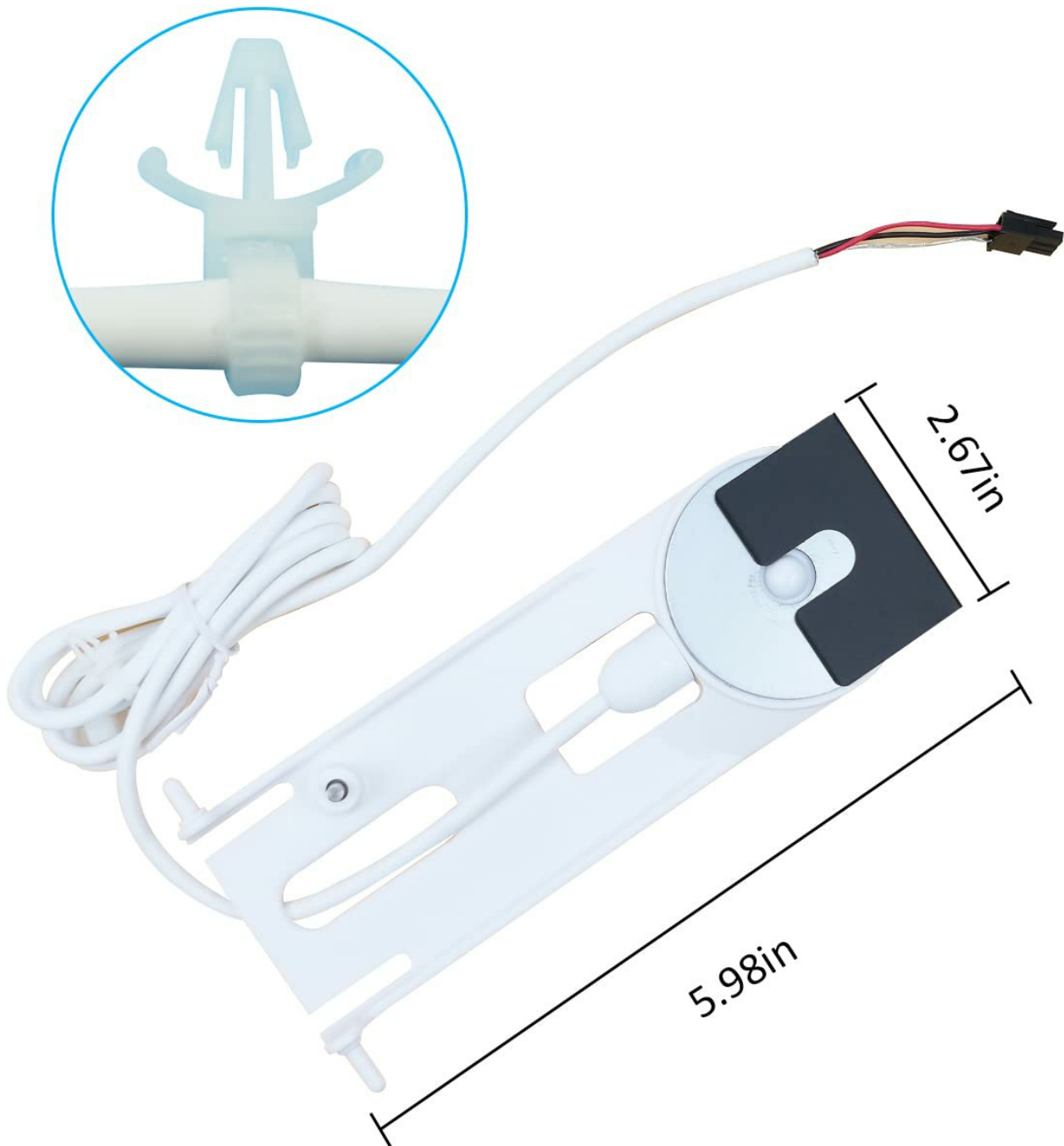


Image: A visual representation of the ice thickness probe with its key dimensions (length and width) indicated.

CUSTOMER SUPPORT

For any questions, concerns, or issues regarding your LANDSIN 000008660 Ice Thickness Probe Assembly, please contact our customer support team. We are committed to providing assistance and will respond to inquiries within 12 hours.

Please refer to the product's packaging or the retailer's website for specific contact information.

