MANITOWOC ICE
2110 SOUTH 26TH STREET, MANITOWOC, WI 54220

800-545-5720
WWW.MANITOWOCICE.COM

Instruction Sheet

Subject: K00519 LuminIce® II Installation

UNDERCOUNTER ICE MACHINES
NEO U/UF/UP: 140/190/240/310 &
KOOLAIRE KP: 150/250

⚠Warning

Authorized Service Representatives are obligated to follow industry standard safety procedures, including, but not limited to, local/national regulations for disconnection / lock out / tag out procedures for all utilities including electric, gas, water and steam.

DANGER

Disconnect electric power to the ice machine at the electric switch box before proceeding. Failure to disconnect the power at the main power supply disconnect could result in serious injury or death. The power switch DOES NOT disconnect all incoming power.

DANGER

- Two or more people are required to move this equipment to prevent tipping.
- Locking the front casters after moving is the owner's and operator's responsibility. When casters are installed, the mass of this unit will allow it to move uncontrolled on an inclined surface. These units must be tethered/secured to comply with all applicable codes.

Compatible Models:

- Self-contained air-cooled models
- Self-contained water-cooled models
- Must have touch pad on door frame

NOTE: UDE060 and UDE080 NEO® models are not compatible with LuminIce® II.

LuminIce®II

The LuminIce®II growth inhibitor recirculates the air in the ice machine foodzone over a UV bulb. This process will inhibit the growth of common micro-organisms on all exposed foodzone surfaces.

All LuminIce®II bulbs require replacement on a yearly basis. Although the bulb will still illuminate after 12 months, the effectiveness of the bulb diminishes as operational hours increase. To retain maximum effectiveness, replace the bulb on a 12 month schedule.

LuminIce® II has an indicator light that will illuminate red when the bulb needs replacement.

A remote LED is available as an accessory (K00455) to allow the reminder to be viewed without removing the ice machine panels.

UnderCounter Model Installation

COMPONENT PARTS INCLUDED IN THE KIT:

Description	Qty
LuminIce II Assembly	**1**
Mounting Bracket	**1**
Bulkhead Fitting	**1**
Tube LuminIce 18”	**1**
Tube LuminIce 3.8”	**1**
Tubing Clamp Snap	**2**
Snap Bushing	**1**
90 Degree Elbow	**2**
Screws	**4**
Cable Ties	**5**
LuminIce Label	**1**
LuminIce Shield Decal	**1**
LuminIce Low Voltage Harness	**1**

1. Disconnect all power to the ice machine at the electrical disconnect.
2. Before removing the top cover, remove any ice from the bin.
3. On the rear of the ice machine, remove 2 screws that secure the top cover, then remove the top cover.



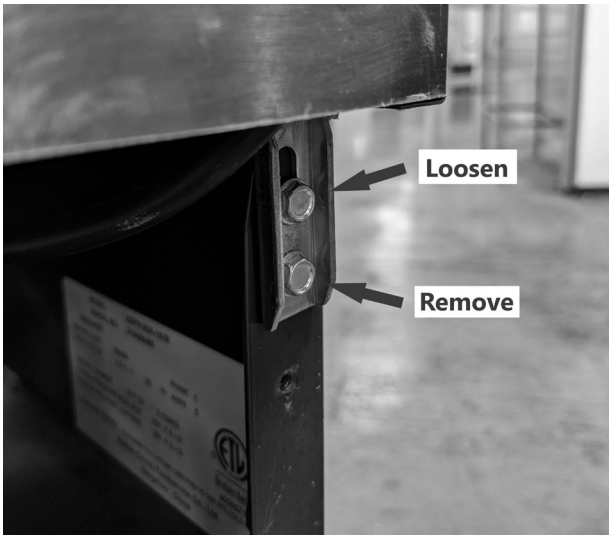
4. Remove two screws from the front grill, then pull forward to remove grill.



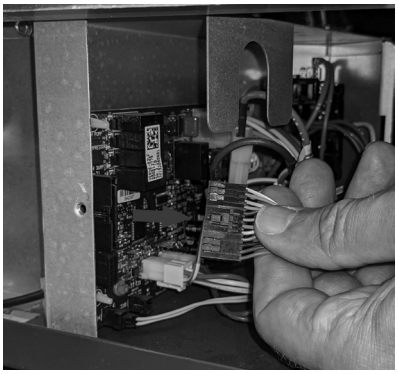
5. Remove bin drain on left side of ice machine.



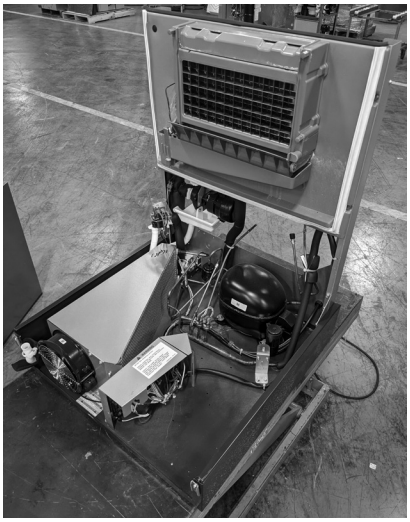
6. Remove the bottom screw of the latch and loosen the top screw to slide the latch down so the bin can slide out.



7. Remove the screw from the control box cover, move the cover off to the side. Disconnect the touch pad connector from the control board as shown below.



8. Slide the bin forward and remove.



9. To allow access for LuminIce® tubing, the plastic caps in the bulkhead wall must be removed and discarded. The cap located behind the evaporator will fall into the water trough.



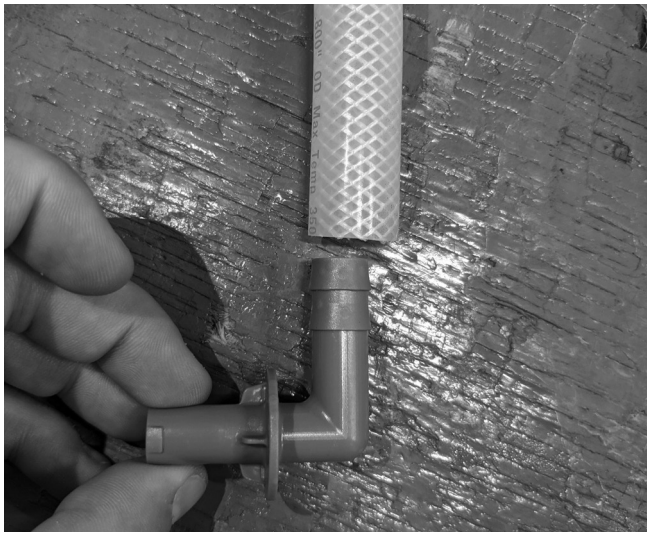
10. Remove the floats and thermistor then remove the water trough using the thumbscrews to retrieve the plugs. Discard the caps and reinstall the water trough.



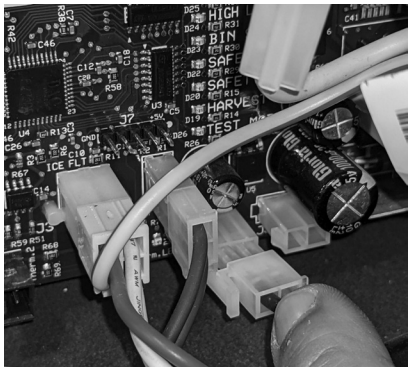
11. Remove water trough to retrieve, then discard cap and reinstall the water trough.
12. Assemble bracket, hoses and wires to LuminIce® module.
    A. Assemble the bracket to the LuminIce® device as shown in the picture.



    B. The short hose connects to the gray pipe of the device and uses the hose clamps to fasten. Attach the 90 degree elbow with the barb fitting into the tube and the other end will go into the bulkhead hole behind the evaporator (air intake).
    C. The long hose connects to the silver pipe of the device and uses the hose clamp to fasten. Attach the 90 degree elbow with the barb fitting into the tube and the other end will go into the bulkhead hole to the upper right of the evaporator (air exhaust).



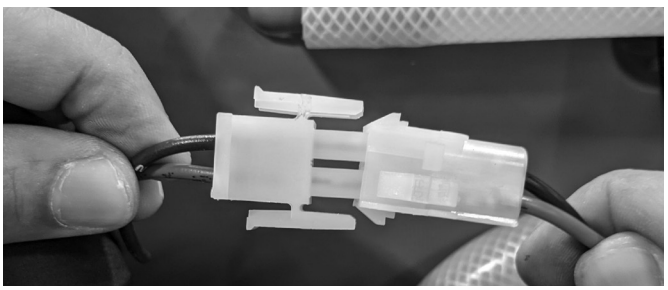
D. Attach the LuminIce® power connector to the control board and route the low voltage wire harness along the base of the undercounter following the existing wiring. Zip tie the wires together.



E. Attach both hoses to the bulkhead by pressing in place and secure the mounting plate to the back of undercounter by lining up the pre-drilled holes and securing with the self taping screws provided.



F. Snap the power cord together connecting the control board and the LuminIce® device using the molex connector. Bundle and zip any loose wires.



13. Reinstall the bin, the wiring, bin drain, front grill, top panel, test and fasten the back panel.

A. Slide the bin back onto the rails so it is flush in the front and tight to the back.

B. Reconnect the touch pad connector to the control board and reinstall the heyco fitting. Secure the cover with the screw.

C. Reconnect the bin drain and clamp it tight.

D. Secure the bin by pushing up on the latch, fastening the screw in the bottom hole and tightening both the top and bottom screw of the latch.

E. Reinstall the front grill by fastening the two screws on each end into the undercounter frame.

F. Reinstall the top cover and fasten it to the back of the undercounter.

G. Plug the unit in and verify the device is emitting air from the upper hose adapter in the upper left corner of the bin (looking in from the front).

H. Verify LuminIce® working, secure the back panel to the undercounter.

I. Don't forget to "BADGE IT" Place the LuminIce® Shield emblem in the upper left hand corner of the undercounter.

