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Instruction Sheet

Subject: Indigo NXT Control Board Replacement

⚠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.

⚠Warning

This equipment contains refrigerant charge. Procedures must be performed by a properly trained and certified refrigeration technician aware of the dangers of dealing with refrigerant charged equipment.

Indigo™ replacement control boards require the Model and Serial number to be entered to activate the appropriate look up tables for operation and diagnostic. This can be done one of two different ways, USB Setup or Manual Setup.

USB Setup: Control boards with mechanical issues can have the asset data retrieved, eliminating the need to re-enter the information into the replacement control board. This procedure needs to be completed while the old control board is still in the ice machine.
Proceed to EXPORTING DATA FROM CONTROL BOARD TO FLASH DRIVE.

Wizard or Manual Setup: If the control board is not operational, proceed to REPLACE CONTROL BOARD and then PROGRAM REPLACEMENT CONTROL BOARD.

Exporting Data From Control Board To A Flash Drive

USB FLASH DRIVE SPECIFICATIONS AND FORMATTING

Updating firmware on Indigo™ model ice machines requires a properly formatted 2 GB or smaller USB flash drive. All USB flash drives must be formatted before use to remove any software programs or files currently on the flash drive.

USB Flash Drive Specifications:

- USB 2 Version
- 32 GB or less capacity
- Fat32 File System
- 512 MB File Allocation Unit

USB Flash Drive Formatting:

Procedure to format a USB flash drive varies with computer operating system software. Refer to operating system software manufacturer's website for formatting instructions.

1. Ensure that the ice machine's power is on.
2. Press the Menu button.
3. Navigate to USB - Menu / Settings / Export To USB.
4. Insert the flash drive into the USB port on the ice machine control board.
5. Select Export Data and remove USB drive when the transfer is complete.

Replace Control Board

1. Disconnect power to the ice machine.
2. Note location of wires/connectors on control board and disconnect wiring from control board.
3. Remove/install control board and reinstall wiring.
4. Reapply power to the control board

Program Replacement Control Board

INSTALL SETTINGS WITH WIZARD

Screens will automatically advance after a selection is made or press the right arrow to advance one screen, press left arrow to go back one screen. Follow on-screen prompts to complete the setup.

Setup	Description
Press ON/OFF Button	On/Off button is used to start/stop ice making.
Enter Model Number	Enter data from the model/serial label. The ice machine will not start without model identification.
Select Language	Default is English. Scroll to select a different language.
Start Wizard	Setup wizard will guide ice machine programming.
Accessory Detection	Detects if Ice Level Sensor, LuminIce II or AuCS are connected - Checkmark = yes - X = no
USB Setup	Only used when setup features have been transferred to a USB drive. Skip screen by selecting right arrow.
Configure Date and Time Formats	Select Month/Day/Year or Day/Month/Year. Select 12 hour or 24 hour time format.
Set Time	Use arrows to set local time.
Set Date	Use arrows to set date for your location.
Units	Select standard or metric.
Brightness	Configure screen brightness during operation.
Ice Program	Program ice machine run times or press right arrow to skip this setup.
Cleaning Reminder	Set clean or sanitize reminder or press right arrow to skip.
IAuCS Only when detected	Set frequency of operation when this accessory is installed.
Air Filter Air-cooled models only	Set to ON for self-contained air cooled models.
Water Usage	Factory default or Use less water for reverse osmosis systems or Use more water to improve clarity for unfiltered water
Water Filter	Select Yes or No.
LuminIce II Only when detected	12 month reminder is automatically set.
Ice Level Sensor Only when detected	Reminder to rotate the sensor from shipping to operational position.
Wizard Complete	Press right arrow or home icon to return to home screen.

INSTALL SETTINGS FROM USB DRIVE

1. Ensure that the ice machine's power is on.
2. Press the Menu button.
3. Navigate to USB - Menu / Settings / USB.
4. Insert the flash drive into the USB port on the ice machine control board.
5. Select Import To Ice Machine and remove USB drive when the transfer is complete.

MANUAL SETUP

1. Ensure that the ice machine's power is on.
2. Navigate to the Settings menu - Menu / Settings
   Follow the on-screen prompts to program Language, Reminders, Time & Date, Units and Brightness.
3. Navigate to the Energy menu - Menu / Energy
   Follow the on-screen prompts to program the Ice Program and Water Usage.
4. Press the Home icon to exit.

Important

Voltage nomenclature is required at the end of the model number. Refer to chart to determine the correct text to enter for your voltage

Model/Serial Label Voltage	Text to enter in control board Include the dash
115/60/1	-161
208-230/60/1	-261
208-230/60/3	-263
230/50/1	-251
460/60/3	-463