

INSIGNIA™

**USER GUIDE**

# 48-, 78-, 115-Can Beer and Beverage Cooler

**NS-BC48SS7/NS-BC84SS7/NS-BC120SS7/  
NS-BC120BS8**



Before using your new product, please read these instructions to prevent any damage.

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# Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-BC48SS7, NS-BC84SS7, NS-BC120SS7, or NS-BC120BS8 represents the state of the art in beer and beverage cooler design and is designed for reliable and trouble-free performance.

## Important Safety Instructions



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your beer and beverage cooler.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your beer and beverage cooler.

### WARNING

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this appliance near water.
- 6 Clean only with a damp cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the appliance.
- 11 Do not attempt to modify or extend the power cord of this appliance.
- 12 Unplug this appliance during lightning storms or when it will not be used for long periods of time.
- 13 Make sure that the available AC power matches the voltage requirements of this appliance.

- 14 Do not handle the plug with wet hands. This could result in an electric shock.
- 15 Unplug the power cord by holding the plug, never by pulling the cord.
- 16 Do not turn the appliance on or off by plugging or unplugging the power cord.
- 17 Turn off the appliance before unplugging it.
- 18 Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the appliance, the appliance has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 19 To reduce the risk of fire or electric shock, do not expose this appliance to rain, moisture, dripping, or splashing, and no objects filled with liquids should be placed on top of it.



## WARNING

### Electric Shock Hazard

Failure to follow these instructions can result in electric shock, fire, or death.

- 1 **WARNING**—Keep ventilation openings in the beer and beverage cooler clear of obstruction.
- 2 **WARNING**—Do not damage the refrigerant tubing when handling, moving, or using the beer and beverage cooler.
- 3 **WARNING**—Do not use electrical appliances inside the storage compartment of the beer and beverage cooler, unless they are of the type recommended by the manufacturer.
- 4 **WARNING–DANGER**—Never allow children to play with, operate, or crawl inside the beer and beverage cooler.  
Risk of child entrapment. Before you throw away your old beer and beverage cooler:
  - 1) Take off the door
  - 2) Leave the shelves in place so that children may not easily climb inside
- 5 Unplug the beer and beverage cooler before carrying out user maintenance on it.
- 6 This beer and beverage cooler can be used by children age 8 years and older and persons with reduced physical or mental capabilities or lack of experience and knowledge if they are given supervision or instruction concerning the use of the beer and beverage cooler in a



safe way and understand the hazards involved. Children should not play with the beer and beverage cooler. Cleaning and maintenance should not be performed by children without supervision.

- 7 If a component part is damaged, it must be replaced by the manufacturer, its service agent, or similar qualified persons in order to avoid a hazard.
- 8 Follow local regulations regarding disposal of the beer and beverage cooler due to flammable refrigerant and gas. All refrigeration products contain refrigerants, which under the guidelines of federal law must be removed before disposal. It is the consumer's responsibility to comply with federal and local regulations when disposing of this product.
- 9 This beer and beverage cooler is intended to be used in household and similar environments.
- 10 Do not store or use gasoline or any flammable liquids inside or in the vicinity of this beer and beverage cooler.
- 11 Do not use an extension cord with this beer and beverage cooler. If the power cord is too short, have a qualified electrician install an outlet near the beer and beverage cooler. Use of an extension cord can negatively affect the beer and beverage cooler's performance.

## Grounding requirement

This beer and beverage cooler must be grounded. This beer and beverage cooler is equipped with a cord having a grounding wire with a grounding plug. The plug must be inserted into an outlet that is properly installed and grounded.

Improper use of the grounding plug can result in a risk of electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if doubt exists as to whether the beer and beverage cooler is properly grounded.

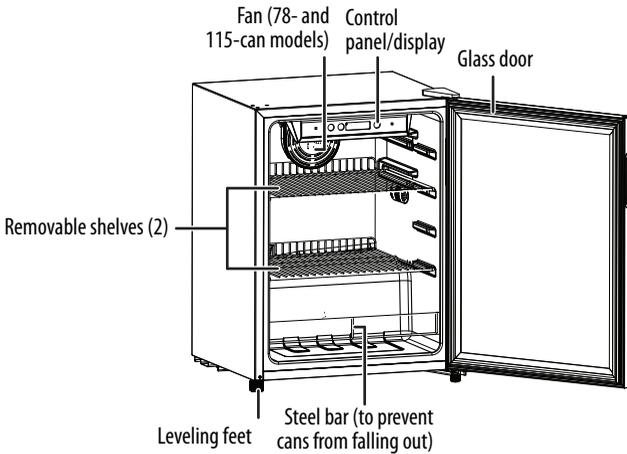
## Features

- 48-can, 78-can, or 115-can capacity (depending on the model purchased)
- Temperature range from 34° to 50° F (1° to 10° C)
- Fan accelerates refrigeration cycle and improves cooling (78- and 115-can coolers only)
- Touch controls and LED display
- Interior white LED light
- Removable shelf

## Package contents

- 48-can, 78-can, or 115-can beer and beverage cooler
- Removable chrome shelves (One in the 48-can cooler, three in the 78-can cooler, and four in the 115-can cooler)
- *User Guide*

## Components (48-can model shown)



## Setting up your beer and beverage cooler

### Before using your beer and beverage cooler

- Remove the exterior and interior packing.
- Let the beer and beverage cooler stand upright for approximately a half hour before connecting it to power. This reduces the possibility of a malfunction in the cooling system from improper handling during transportation.
- Clean the interior surface with lukewarm water using a soft cloth.

### Finding a suitable location

#### DO

- Place your cooler on a floor, countertop, or cabinet that is strong enough to support it when it is fully loaded.
- Allow 1.6 inches of space on all sides of the cooler to allow for proper air ventilation.
- Place the cooler away from direct sunlight and sources of heat (stove, heater, radiator, etc.). Direct sunlight may affect the acrylic coating and heat sources may increase electrical consumption. Room temperature below 50°F (10°C) or above 85°F (29.4°C) will hinder the performance.

**DON'T**

- Recess or build it in. This cooler is designed to be free standing only.
- Place the cooler in moist areas.
- Use the cooler in a garage or any other outside installation.

**Leveling your beer and beverage cooler**

- It is very important for the beer and beverage cooler to be level in order to function properly. If the beer and beverage cooler is not leveled during installation, the door may not close or seal properly, causing cooling, frost, or moisture problems.
- To level your beer and beverage cooler, you may either turn the leveling foot clockwise to raise that side to the beer and beverage cooler or turn it counter-clockwise to lower that side.

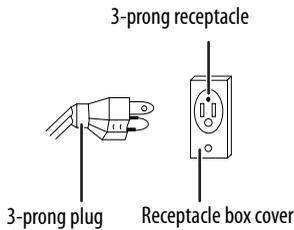
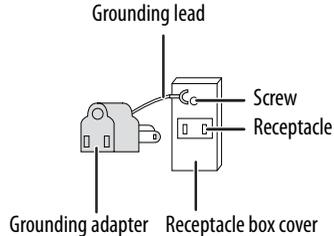
**Providing proper ventilation**

- Place the beer and beverage cooler at least 1.6 inches from the wall to ensure proper airflow to the compressor.
- Do not place the beer and beverage cooler near any heat sources, such as a heater or stove, as this may put a strain on the compressor.

**Providing a proper power supply**

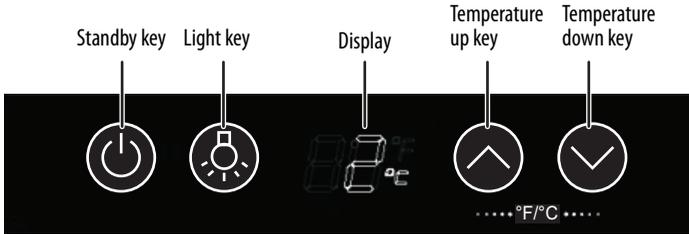
Check your local power source. This beer and beverage cooler requires a 110V-120V, 60 Hz power supply.

Use a receptacle that accepts the grounding prong. The power cord is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this beer and beverage cooler.

**Using a 3-prong plug and outlet****Using a grounding adapter****Notes**

- The beer and beverage cooler should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.
- Never unplug your beer and beverage cooler by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.

## Using your beer and beverage cooler



### Display

When you plug in your beer and beverage cooler for the first time, the display screen turns on for three seconds, then the start-up tone rings.

#### Caution

- The control keys should be pressed gently.
- Avoid scratching the control panel with sharp objects.
- Keep magnets away from the control panel. Otherwise the cooler will not set and operate normally.

### Standby mode

To enter standby mode, press the Standby key continuously for three seconds. The buzzer sounds and the display turns off.

To return to normal mode, press the Standby key.

### Light key

Press the Light key to turn on or turn off the light. The buzzer sounds when the light is turned on or off.

### Setting the temperature

Press the Temperature up (∧) or down (∨) buttons, to increase or decrease the temperature by one degree.

The temperature range is 34~50°F (1~10°C).

### Switching the temperature setting between Fahrenheit and Celsius

Press and hold the Temperature up (∧) and down (∨) buttons at the same time for three seconds to switch between Fahrenheit and Celsius.

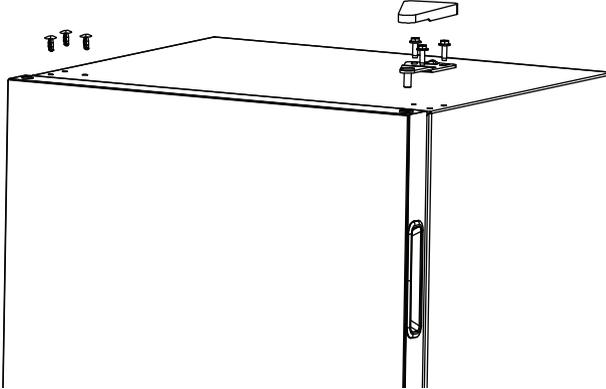
### Memory function

When the cooler is turned off, it remembers the current set temperature and returns to that setting when it's turned back on.

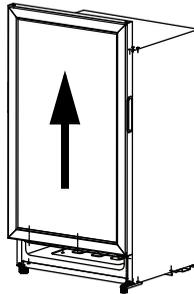
## Reversing the door on your cooler

All parts removed must be saved to do the reinstallation of the door.

- 1 Remove top cap, then remove the three screws that hold the upper hinge (right side) to the top of the cabinet.

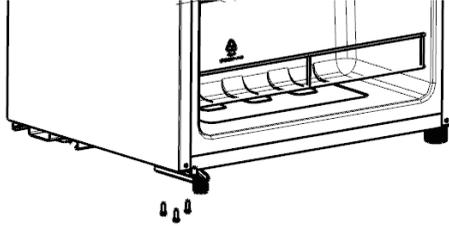


- 2 Carefully remove the top hinge, then lift the door up off of the bottom hinge and place it on a padded surface to prevent scratching it.

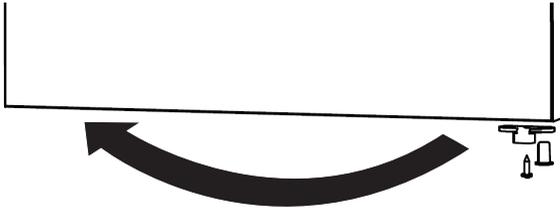


- 3 Remove the three button plugs from the upper left corner of the cabinet and transfer them to the holes on the opposite side. Be sure to press the button plugs firmly into the holes.

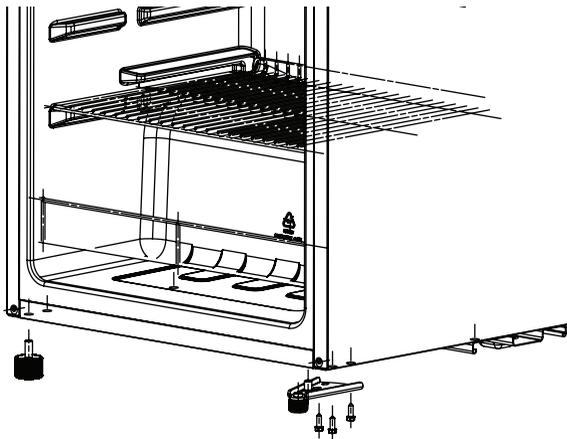
- 4 Remove the three screws that hold the bottom hinge to the lower part of the cabinet.



- 5 Re-install the bottom hinge on the left corner of the cabinet.
- 6 On bottom edge of the door, transfer door stop bracket and bushing to holes on opposite side.



- 7 Place the bottom left corner of the door onto the lower hinge, then install the top hinge onto cabinet. Make sure the door is level and it seals properly against cabinet, then securely fasten the three screws.

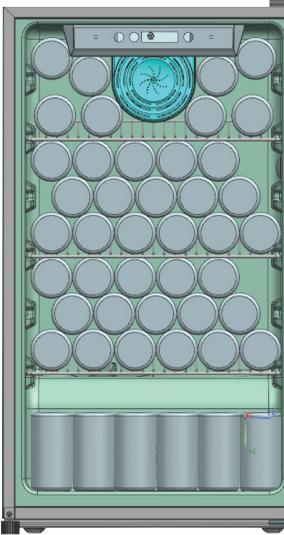


- 8 Snap the top cap back onto the hinge.

## Filling your beer and beverage cooler

The following illustrations are provided to show the best way to fill your cooler for maximum storage:

### The 115 can cooler

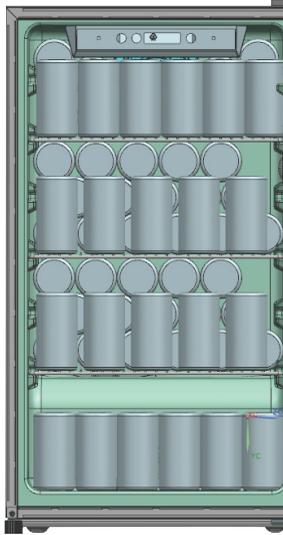


#### Inner row

Top shelf - 8 cans

Second shelf - 16 cans

Bottom shelf - 16 cans

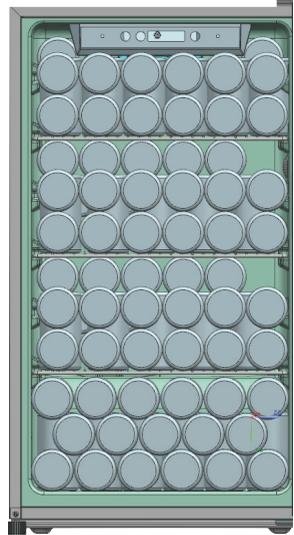


#### Middle row

Top shelf - 6 cans

Second shelf - 5 cans

Bottom shelf - 5 cans



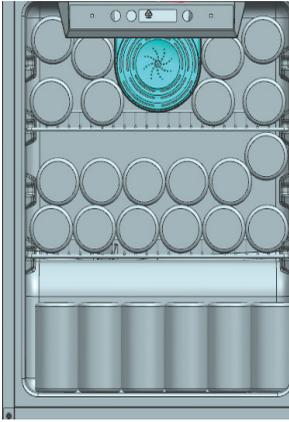
#### Outer row

Top shelf - 12 cans

Second shelf - 12 cans

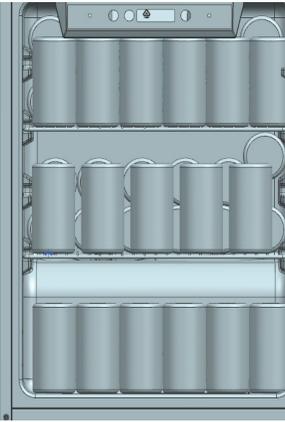
Bottom shelf - 12 cans

## The 84 can cooler



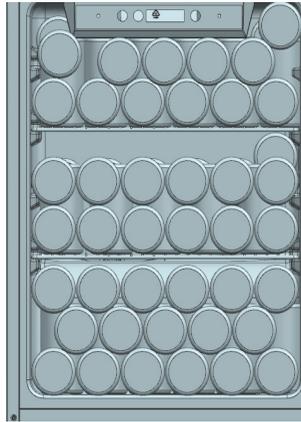
### Inner row

Top shelf - 8 cans  
 Second shelf - 12 cans  
 Bottom shelf - 6 cans



### Middle row

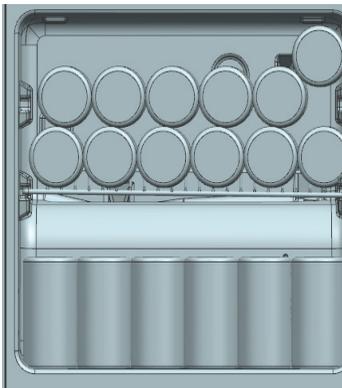
Top shelf - 6 cans  
 Second shelf - 5 cans  
 Bottom shelf - 6 cans



### Outer row

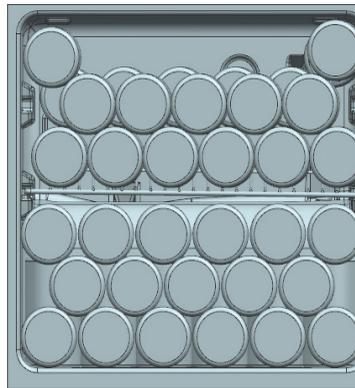
Top shelf - 12 cans  
 Second shelf - 12 cans  
 Bottom shelf - 17 cans

## The 48 can cooler



### Inner row

Top shelf - 12 cans  
 Bottom shelf - 6 cans



### Outer row

Top shelf - 13 cans  
 Bottom shelf - 17 cans

## Auto Defrosting

During the auto defrosting process, the compressor shuts down and the frost melts naturally.

When either of the following happens, the process ends and the compressor starts again:

- The inner temperature is above 41° F (5° C).
- Defrosting time is longer than 60 min.

The temperature fluctuation during the defrosting process is within 7.2° F (4° C).

In addition, when the inner temperature setting is above 41° F (5° C), the compressor shuts down every six hours. However, as soon as the sensor detects the inner temperature is above 41° F (5° C), the compressor starts immediately. The temperature fluctuation during this period is within 1.8° F (1° C).

## Maintaining your beer and beverage cooler

Your beer and beverage cooler is designed for year-round use with only minimal cleaning and maintenance.

When you first receive it, wipe the case with a mild detergent and warm water, then wipe dry with a dry cloth. Do this periodically to keep your beer and beverage cooler looking new.

### Caution

To prevent damage to the finish, do not use:

- Gasoline, benzine, thinner, or other similar solvents.
- Abrasive cleaners.

### Cleaning the interior of your beer and beverage cooler:

- 1 Turn off the beer and beverage cooler and unplug it from the wall outlet.
- 2 Remove all beer and beverages.
- 3 Wash the inside with a damp warm cloth soaked in a solution of one quart of lukewarm water to two tablespoons of baking soda solution.
- 4 Be sure to keep the door gasket (seal) clean to keep the unit running efficiently.
- 5 Dry the interior and exterior with a soft cloth.

## Storing your beer and beverage cooler

- 1 Turn off the beer and beverage cooler and unplug it from the wall outlet.
- 2 Remove all beer and beverages.
- 3 Clean the beer and beverage cooler.
- 4 Leave the door open slightly to avoid possible formation of condensation, mold, or odor.

### Caution

Use extreme caution with children. The unit should not be accessible to child's play.

## Moving your beer and beverage cooler

- 1 Turn off the beer and beverage cooler and unplug it from the wall outlet.
- 2 Remove all beer and beverages.
- 3 Securely tape down all loose items inside your beer and beverage cooler.
- 4 Tape the door shut.  
Be sure the beer and beverage cooler stays in the upright position during transportation.

## Tips on saving energy

- Place your cooler in the coolest area of the room, away from heat producing appliances or heating ducts and out of the direct sunlight.
- Do not overload the cooler because it forces the compressor to run longer.
- Do not open the door too often, especially if the weather is very hot. Close the door as soon as possible to prevent cool air from escaping.
- Make sure that the cooler is sufficiently ventilated with adequate air circulation.

# Troubleshooting

## Caution

Do not try to repair your beer and beverage cooler yourself. Doing so invalidates the warranty.

## Fault indication

If a fault is detected, the display shows one of the following codes:

Fault code	E1	E2
Description	Temperature sensor fault	Defroster sensor fault

## Note

When the above faults are displayed, do not attempt to repair the cooler by yourself. Please contact customer service for help.

PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
The beer and beverage cooler does not operate	The beer and beverage cooler is unplugged.	Make sure that the beer and beverage cooler is plugged in and that the plug is pushed completely into the outlet.
	The fuse on the circuit is blown or the circuit breaker is tripped.	Check the house fuse/circuit breaker box and replace the fuse or reset the circuit breaker.
	Power failure.	If a power failure occurs, the beer and beverage cooler turns off. Wait until the power is restored, then turn it on again.
The cooler door does not close completely	The shelf is out of position.	Adjust the shelf properly.
	The door gaskets are dirty.	Clean the door gaskets.
	The cooler is not level.	Level the cooler with the leveling feet.
The cooler is not cold enough	The door has been opened too often or was not closed properly.	Make sure that the door is closed properly.
	You have just added a large amount of warm beverage to the cooler.	Allow time for the new beverage to cool, then check again.
	The temperature control is set too warm.	Set the control to a colder setting.

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>POSSIBLE SOLUTION</b>
The beer and beverage cooler makes unusual noises or vibrates	The cooler is not level.	Level the beer and beverage cooler with the leveling feet.
	The body of the beer and beverage cooler is touching a wall.	Move the beer and beverage cooler out from the wall.
	<ul style="list-style-type: none"> <li>• A rattling noise may be heard. This is caused by the flow of refrigerent in the beer and beverage cooler.</li> <li>• As each cooling cycle ends, you may hear gurgling sounds.</li> <li>• Contraction and expansion of the inside walls may cause popping or crackling noises.</li> </ul>	This is normal.
Moisture is building up in the interior of the cooler	The door has been opened too often or was not closed properly.	Make sure that the door is closed properly.
	The cooler is in a location that is very humid.	Move the cooler to a dryer location.
The cooler turns on and off frequently	The room temperature is hotter than normal.	Cool the room or move your beer and beverage cooler to a cooler place.
	The door has been opened too often or was not closed properly.	Make sure that the door is closed properly.
	The door gaskets do not seal properly.	Clean the door gaskets.
	The temperature control is set too warm.	Set the control to a colder setting.
The humidity level in your cooler is too low	The door has been opened too often or was not closed properly.	Make sure that the door is closed properly.
	The cooler is in a location that is too hot.	Move the cooler to a cooler location.
	Relative humidity is too low.	Place a cup of water inside the cooler to raise the humidity.

## Specifications

Dimensions (WxHxD)	48 can -18.9 × 17.3 × 19.4 in. (48 × 44 × 49.2 cm) 78 can -18.9 × 17.3 × 25.3 in. (48 × 44 × 64.2 cm) 115 can -18.9 × 17.3 × 33.1 in. (48 × 44 × 84.2 cm)
Weight	48 can - 50.7 lbs (23 kg) 78 can - 59.5 lbs (27 kg) 115 can - 70.5 lbs (32 kg)
Power requirements	48 can--115V~60Hz-65W 78 can--115V~60Hz-65W 115 can--115V~60Hz-80W
Current	48 can--0.8A 78 can--0.8A 115 can--1.1A
Operating temperature	34-50° F

# ONE-YEAR LIMITED WARRANTY

## Definitions:

The Distributor\* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded retail store or online at [www.bestbuy.com](http://www.bestbuy.com) or [www.bestbuy.ca](http://www.bestbuy.ca) and is packaged with this warranty statement.

## How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

## What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

## How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location or from a Best Buy online website ([www.bestbuy.com](http://www.bestbuy.com) or [www.bestbuy.ca](http://www.bestbuy.ca)), please take your original receipt and the Product to any Best Buy store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain warranty service, in the United States call 1-888-BESTBUY or in Canada call 1-866-BESTBUY. Call agents may diagnose and correct the issue over the phone.

## Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy branded retail stores or websites to the original purchaser of the product in the county where the original purchase was made.

## What does the warranty not cover?

### This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.

- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C, etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

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Contact Insignia:

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