INDUCTION HARDWARE

USE, CARE & INSTALL GUIDE
V1 · SEPTEMBER 2026

REFRIGERATION · UNDER CABINET

24″ FRENCH DOOR WINE & BEVERAGE COOLER

Dual zone, side by side — wine on the left, beverages on the right

RF-UC-FD-24-SS · STAINLESS STEEL



SHOWROOM

INDUCTIONHARDWARE.COM
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RENO, NEVADA 89521

SUPPORT

(775) 898-7562 · MON–FRI 9–4 PST
INFO@INDUCTIONHARDWARE.COM

RECORD HERE

MODEL & SERIAL

Under the counter, in the **run**.





DOORS OPEN · BOTH ZONES



BUILT UNDER · 24″ OPENING



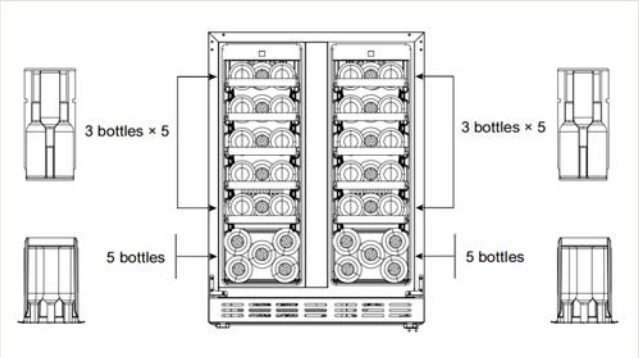
INTERIOR · 5 + 5 SHELVES

Front-vented, so the cooler sits in a closed cabinet run with the counter carried over it. The wine zone holds bottles on wooden roll-out racks between 41 and 68°F; the beverage zone holds cans on glass shelves between 34 and 50°F.

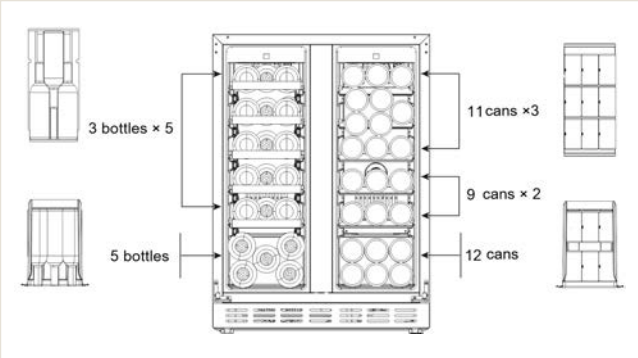
Two zones, one **cabinet**.

INDUCTION HARDWARE

Induction Hardware aims to be the industry leader in electric and induction appliances. Every product we build is electric, built to last and designed to be easy to maintain. This cooler puts a wine zone and a beverage zone side by side behind a seamless stainless French door pair, sized to drop under a standard 24″ counter run.



LEFT ZONE · WINE
20 bottles · five roll-out wooden shelves · 41–68°F



RIGHT ZONE · BEVERAGES
63 cans · five glass shelves · 34–50°F

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Read this **first.**

Your safety and the safety of others matter. Every safety message in this guide carries a signal word — read and obey all of them.

DANGER
Failure to heed this statement may result in severe injury or death.

WARNING
Failure to heed this statement may result in extensive product damage, serious personal injury or death.

CAUTION
Failure to heed this statement may result in minor or moderate injury, or property damage.

GENERAL SAFETY

Use this appliance only as described in this guide. Other uses may cause fire, electric shock or personal injury.

This appliance is not intended for use by children or by persons with reduced physical, sensory or mental capabilities without adequate supervision. Children should never play with the appliance.

Never immerse the unit, cord or plug in water, and never spray liquid onto it.

Unplug the appliance when it is not in use, before moving it and before cleaning.

Never operate the appliance in the presence of explosive or flammable fumes, or near an open flame or heating appliance.

Never operate with a damaged cord or plug, after a malfunction, or if the unit has been dropped or damaged.

Never operate with the housing removed or damaged, and replace all access panels before operating.

Use two or more people to move and install the cooler. Failure to do so can result in back or other injury.

Never clean appliance parts with flammable liquids, and never store gasoline or flammable vapors nearby.

Never connect or disconnect the plug with wet hands, and never pull the cord to unplug.

Caution · flammable refrigerant. This appliance is CFC and HFC free and contains a small quantity of isobutane (R600a). When handling, moving or using the cooler, avoid damaging the refrigerant tubing. Never use an appliance with a damaged cooling circuit, and keep the ventilation openings clear at all times.

Siting, service and **disposal.**

WHERE IT GOES

Indoor use only. Never store or install the cooler outdoors.

Keep the unit out of direct sunlight and away from heat sources — a range, heater or radiator. Sunlight can affect the finish and heat sources raise running costs.

Never place the unit in a damp area.

Install in a well-ventilated area with an ambient temperature above 50°F and below 90°F.

The front vent must never be covered or blocked in any way.

ATTENTION

Never overload the cabinet, and never cover a shelf with foil or any material that blocks air circulation.

Open the doors only as long as necessary.

If the cooler will stand empty for a long period, unplug it, clean it and leave a door ajar so air can circulate — this prevents condensation, mold and odor.

WARNING · GROUNDING

Improper use of the grounded plug can result in electric shock. The cord is fitted with a three-prong plug that mates with a standard three-prong outlet. **Never cut or remove the third grounding prong**, and never use an adapter. If the cord is damaged, have it replaced by a qualified electrician or an authorized service center.

ELECTRICAL CONNECTION

Check that the voltage on the rating label matches your supply — 115/120 V AC, 60 Hz.

Have the outlet and circuit checked by a qualified electrician to confirm the outlet is properly grounded. A two-prong outlet must be replaced with a properly grounded three-prong outlet.

Plug into an individual, easily accessible outlet on a circuit that serves only this appliance. Use a receptacle that cannot be switched off by a wall switch or pull chain.

Secure the cord behind the appliance so it is not left exposed or dangling, and take care not to damage it when moving the unit.

Avoid extension cords. If one is unavoidable, it must be a UL/CUL listed three-wire grounding cord rated at 115 V and at least 10 A.

Disposal. Refrigeration equipment must be disposed of in a way that protects the environment — this applies to an old appliance and to this one at the end of its service life. Render an old unit unusable first by removing the plug, cutting the cable and removing any catch or latch, so a child cannot become trapped inside.

Before the first **bottle.**

INDUCTION HARDWARE

FIRST-USE CHECKLIST

1. Remove all exterior and interior packing. Confirm every supplied part is present before any packaging is thrown away.
2. Let the cooler stand upright for about two hours before it is connected to power. This protects the cooling system from handling during transport.
3. Wipe the interior with warm water and a soft cloth.
4. Set the unit on a floor strong enough to carry it fully loaded, then level it on the four adjustable legs.
5. Plug into a dedicated, grounded 115/120 V outlet. The cord leaves the back right of the cabinet and is 72″ long.
6. Set each zone to temperature and allow the cabinet to stabilize before loading it.

RESTART DELAY

If the cooler is unplugged, loses power or is switched off, wait three to five minutes before restarting it. Starting sooner may prevent the unit from running and from holding the last set temperature.

SUPPLIED WITH THE COOLER

Wooden roll-out wine shelves	**5**
Glass beverage shelves	**5**
Door handles	**2**
Handle screws, lock washers and flat washers	**Pre-fitted**
Carbon filter	**Optional**
This guide	**1**

Reversible hinges. Both doors ship hinged to swing outward from the center. The hinges are reversible — plan the swing before the cooler is pushed into its opening.



CORD-FITTED NEMA 5-15P PLUG

Every detail, on the **record**.

INDUCTION HARDWARE

This appliance requires a standard 115/120 V AC, 60 Hz grounded outlet. Storage capacity is based on standard 750 ml Bordeaux-style bottles and 12 oz cans; actual counts vary with bottle shape.

PRODUCT

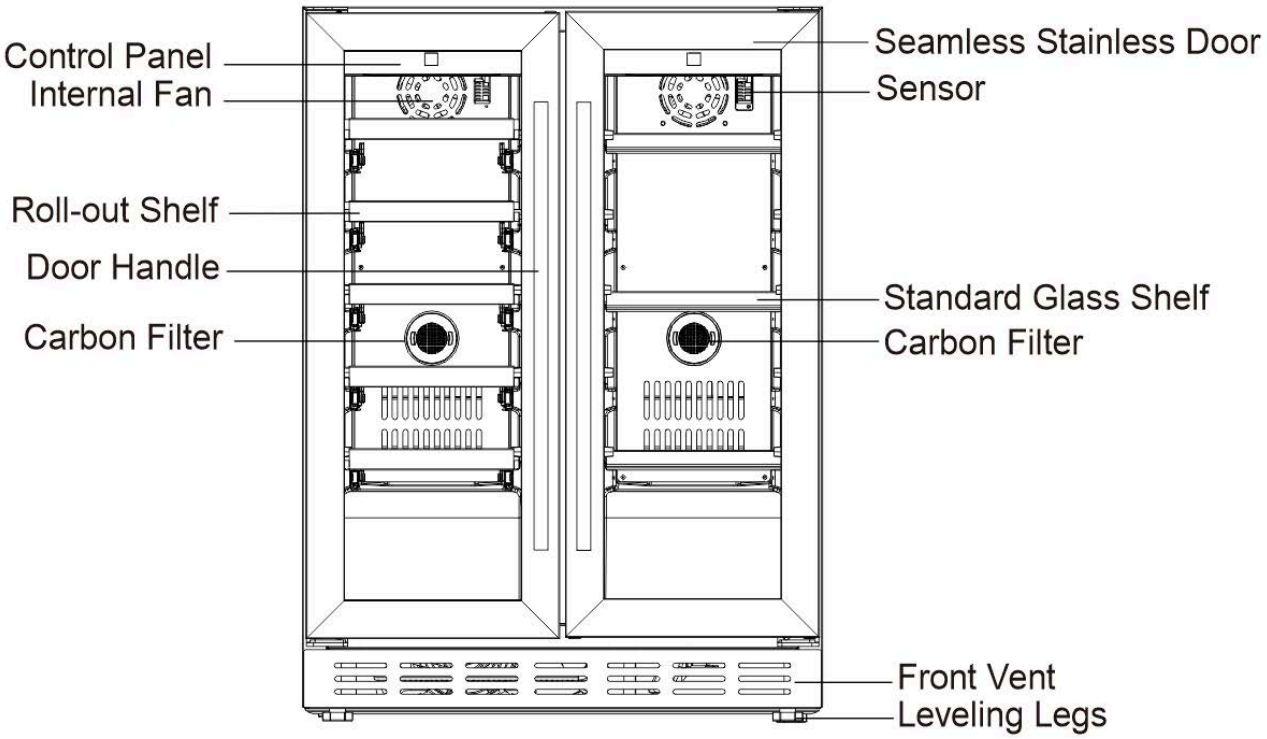
Model	**RF-UC-FD-24-SS**
Description	**Side-by-side wine cooler & beverage center**
Installation	**Under cabinet or freestanding**
Finish	**Seamless stainless door · black cabinet**
Handle	**External, classic or pro**
Zones	**Two, side by side**
Net capacity	**4.5 cu ft (127 L)**
Capacity, left zone	**20 bottles (750 ml)**
Capacity, right zone	**63 cans (12 oz)**
Shelves	**5 wooden + 5 glass**
Shelf material	**Wood with stainless trim · glass**
Telescopic shelves	**Yes**
Lighting	**White LED**

PERFORMANCE & ELECTRICAL

Temperature range, left zone	**41–68°F (5–20°C)**
Temperature range, right zone	**34–50°F (1–10°C)**
Compressor	**One**
Refrigerant	**R600a**
Defrost	**Automatic**
Circulation fan	**Yes, per zone**
Controls	**Electronic touch display**
Sound level	**39 dBA**
Supply	**120 V · 60 Hz · 1.8 A**
Plug	**NEMA 5-15P · 72″ cord**
Adjustable feet	**Four**
Product H × W × D	**33 11/16 × 23 7/16 × 22 5/16″**
Package H × W × D	**36 1/16 × 26 1/64 × 24 7/32″**
Net weight	**106 lb**
Shipping weight	**112 lb**
Certification	**ETL listed**

Options. A door lock and a carbon filter are available for this model. Specifications are approximate; weights and dimensions may change without notice as the product is improved.

Know every **part.**



Control panel — one electronic touch panel per zone, at the top of each cabinet.

Internal fan & sensor — each zone circulates its own air and reads its own temperature.

Roll-out shelves — wooden racks with stainless trim on telescopic rails in the wine zone.

Glass shelves — flat shelves in the beverage zone for cans and bottles.

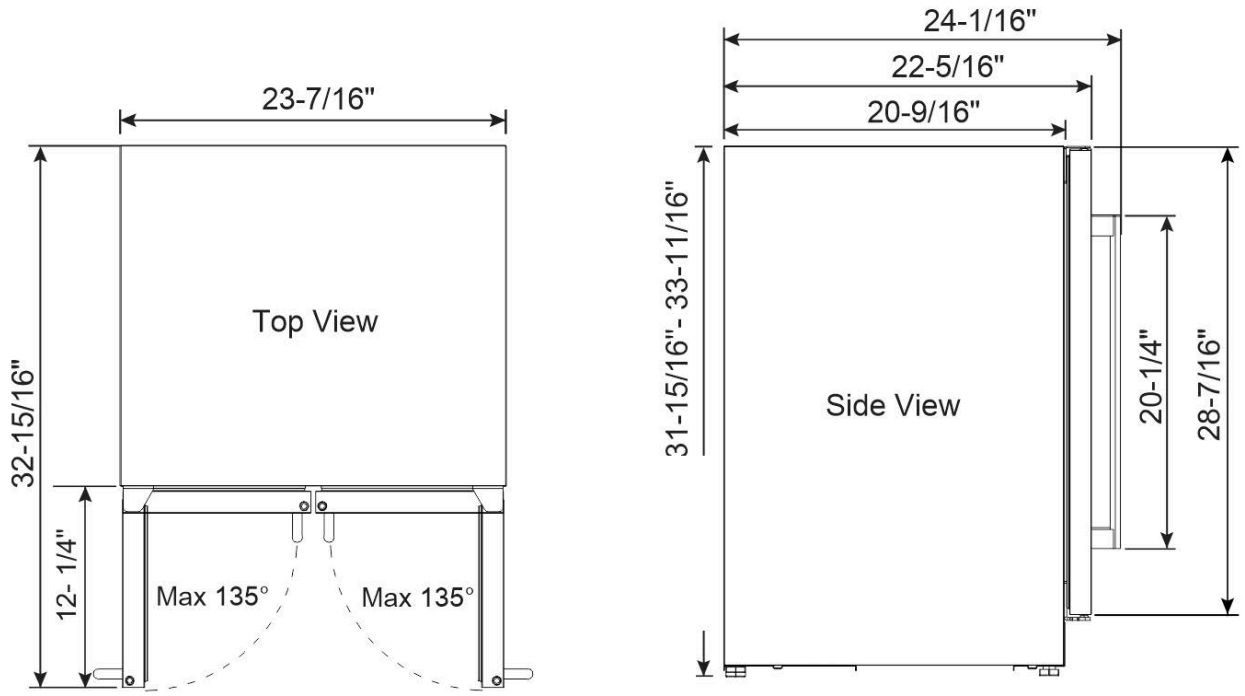
Carbon filter — one per zone on the rear panel, turning counterclockwise to unlock.

Front vent — the stainless grille at the base. Never block or cover it.

Leveling legs — four adjustable feet set the height and level the cabinet.

Rating label — on the back of the cabinet. Record the model and serial number on page 18.

Product **dimensions.**



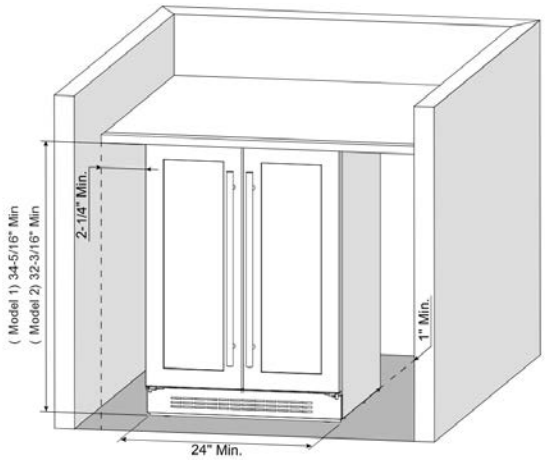
Reading the drawing. The drawing is dimensioned for the under-cabinet body. Its height range of 31 15/16–33 11/16″ sits just below the 33 31/32″ overall height published in the specification; the width of 23 7/16″ matches the specification. Drawing figures are printed throughout this guide, so **verify them against the unit** before the opening is framed.

KEY DIMENSIONS

Overall width	**23 7/16″**
Overall depth, cabinet	**22 5/16″**
Depth with door and handle	**24 1/16″**
Depth to the door face	**20 9/16″**

Height range, drawing	**31 15/16–33 11/16″**
Door swing, maximum	**135°**
Door swing for shelf travel	**90° minimum**

Under the **counter**.



CLEARANCE REQUIREMENTS

Cabinet opening width, minimum	**24″**
Cabinet opening height, minimum	**34 1/4″**
Clearance behind, for the plug	**1″ minimum**
Clearance beside a wall, for the handle	**2 1/4″ minimum**
Power cord length	**72″, back right**
Ambient temperature	**50–90°F**

FRONT-VENTED, SO THE SIDES CAN BE TIGHT

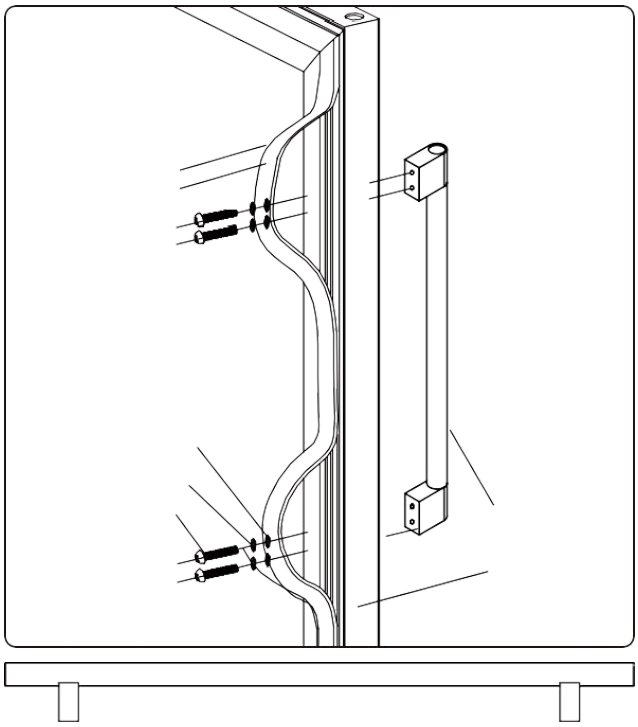
This cooler exhausts through the grille at its base, which is why it can sit in a closed run. The grille itself must stay completely clear — never build a plinth, trim or toe kick across it.

Leave it serviceable. Plan the opening so the cooler can be drawn forward for service. Level it on the four feet once it is in position, and check both doors close and seal before the counter goes on.

Handles and the **filter**.

INSTALLING A HANDLE

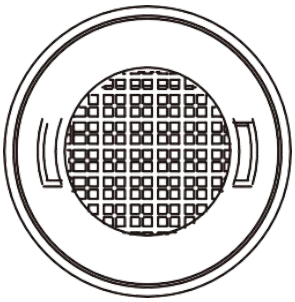
1. Decide which side each handle goes on, then push the door gasket aside on that edge.
2. Under the gasket are two dedicated holes with screws, lock washers and flat washers pre-installed.
3. Fit the handle and tighten both screws with the washers in the order shown — flat washer, lock washer, screw.
4. Press the gasket back into its channel and check it seals cleanly along the full edge.



CLASSIC HANDLE SHOWN · PRO HANDLE AVAILABLE

CARBON FILTER

Each zone takes a carbon filter in the rear panel. Turn the filter counterclockwise to unlock and withdraw it; fit a replacement by reversing the movement until it locks. Replace the filters every three to six months so the cabinet air stays neutral and the wine is not tainted.



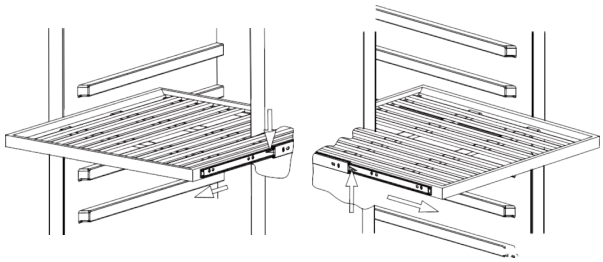
DOOR SWING LIMITS

The bottom hinge carries a stop at 135°. Open a door to at least 90° before drawing a shelf out, or the shelf will foul the door and gasket.

Shelves and **racks.**

REMOVING A WOODEN SHELF

1. Open the door completely — at least 90°.
2. Unload the shelf. Never move a loaded shelf.
3. Draw the shelf toward you until it is fully extended.
4. Facing the unit, press the plastic tab on the right side down while lifting the tab on the left.
5. Draw the shelf evenly off its track until it clears the cabinet. Refitting reverses the sequence.



LOADING THE COOLER

Wine zone, left	**20 bottles · 750 ml**
Beverage zone, right	**63 cans · 12 oz**
Wooden roll-out shelves	**5**
Glass shelves	**5**
Minimum door swing to draw a shelf	**90°**

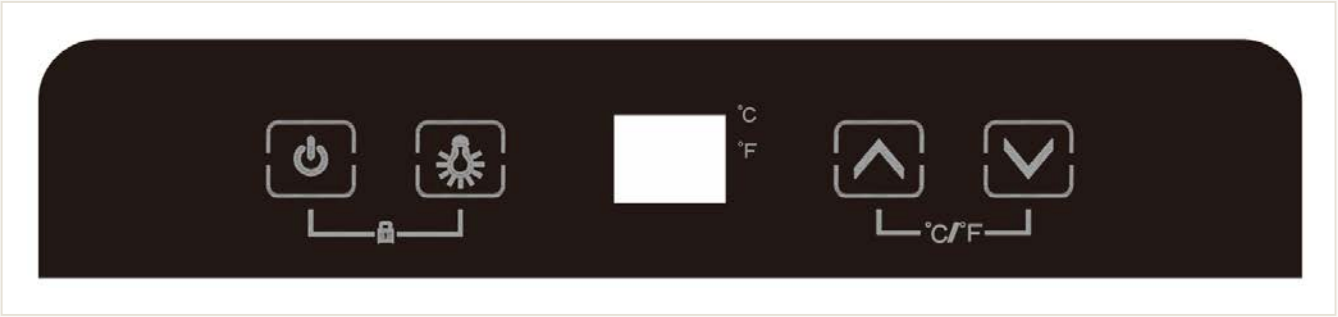
Lay bottles on the wooden racks with the necks alternating, so the shelf carries its full count. Cooling depends on air moving around what is stored — never overload a zone, and never line a shelf with foil or paper.

HANDLE COLD GLASS WITH CARE

Unload a glass shelf before removing or refitting it, and let a cold shelf reach room temperature before it goes into water. Clean shelves by hand only — never in a dishwasher.

Air flow. A fully packed cabinet cools less efficiently. If a zone struggles to hold temperature, open space in it before changing the setting.

One panel per **zone.**



LEFT ZONE 41–68°F · RIGHT ZONE 34–50°F

BUTTONS

Power — press and hold for three seconds to switch the zone on or off.

Increase — raises the set temperature one degree per press.

Decrease — lowers the set temperature one degree per press.

Light — touch to turn the LED lighting on or off once the panel is unlocked.

Child lock — press power and light together for three seconds to lock or unlock the panel.

SETTING A ZONE

Unlock the panel, then press the up or down button to reach the temperature you want. The display shows the set point while it is being changed and the actual zone temperature the rest of the time.

Hold the up and down buttons together to switch the display between °F and °C.

Each panel controls only its own zone. Wine and beverages hold different temperatures, so set each side for what it stores.

TEMPERATURE MEMORY

If power is lost, each zone saves its set temperature and returns to it when power is restored. Wait three to five minutes before restarting the unit by hand.

Serving temperatures. Reds hold well from 55 to 65°F, whites and rosés from 45 to 55°F, and sparkling wine from 41 to 47°F. Beverages sit best at the cold end of the right zone.

Light, alarm and **frost**.

INTERIOR LIGHT

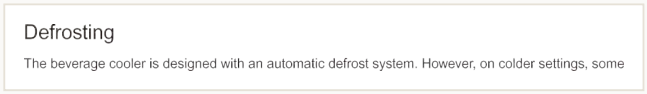
White LED lighting runs the full height of each zone. Unlock the panel and touch the light button to switch it on or off. The light is for display and service — leaving it on continuously warms the cabinet slightly and is not recommended for long-term storage.

DOOR OPEN ALARM

If a door is left open, the cooler sounds a repeating tone until the door is closed. Check for a shelf sitting proud of its rail, a bottle fouling the door, or a gasket that has come out of its channel.

DEFROSTING

The cooler defrosts automatically. In humid conditions, or when a door is opened often, some frost may still build up. Keep the doors closed as much as possible to limit it.



If frost stops a door closing properly, switch that zone off and let the frost melt — this can take up to 24 hours — then dry the cabinet with a soft absorbent towel.

WARNING

Never attempt to remove frost with a sharp object. Scraping the cabinet risks puncturing the cooling circuit, which carries flammable refrigerant.

NORMAL SOUNDS

A rattle as refrigerant moves through the circuit.

A pulsing or high-pitched note from the high-efficiency compressor.

Air moving over the condenser as the fan runs.

A gurgle at the end of each cooling cycle.

Popping or cracking as the cabinet walls expand and contract.

Items stored on top of the cooler can also make noise. Hard floors and walls make all of it sound louder.

Keep it **clean.**

INTERIOR CLEANING

1. Disconnect power to the unit.
2. Open the doors, remove the contents and take out the shelves.
3. Wipe the interior with a clean cloth and a mild solution — two tablespoons of baking soda to a quart of lukewarm water.
4. Refit the shelves, reload the cabinet and reconnect power.

EXTERIOR CLEANING

Clean the doors and cabinet with a mild detergent and lukewarm water, using a soft sponge. Rinse with clean water and dry with a soft towel to prevent spotting. Stainless steel can discolor if it is exposed to chlorine gas and moisture — wipe it with a cloth dampened in mild detergent and warm water. Never use a solvent-based, abrasive or caustic cleaner.

POWER FAILURE

Most outages are corrected within a few hours and will not affect the cabinet if the doors stay closed. For a longer outage, move the contents to other cold storage.

MOVING THE COOLER

Remove everything from both zones.

Tape the shelves and any loose part down inside the cabinet.

Wind the adjustable legs all the way up, clockwise, to the base so they cannot be damaged.

Tape both doors shut.

Keep the unit upright in transit and protect the outside with a blanket. Two people minimum.

> **Energy saving.** Site the cooler in the coolest part of the room, away from heat-producing appliances and direct sunlight, keep the vent clear, and open the doors only as long as needed.

LIFETIME PARTS WARRANTY

Parts and repair support for as long as you own the cooler, backed by the Restore & Renew refurbishment program. Register the model and serial number from the rating label, then call (775) 898-7562 or email info@inductionhardware.com.

Before you **call**.

SYMPTOM	CAUSE	WHAT TO DO
The cooler does not run	Not plugged in, switched off, or a tripped breaker or blown fuse	Confirm the plug is seated and the outlet has power, switch the zone on, then reset the breaker or replace the fuse.
Not cold enough	Set temperature too high, or a warm location	Lower the set point, and keep the cooler out of sunlight and away from heat sources.
	Doors opened often or left open	Close both doors fully and open them less often.
	Gasket not sealing	Check the gasket is seated in its channel along the full edge and is clean.
	Demonstration mode enabled	Confirm demonstration mode is off — see Operation, page 13.
	Vent blocked, or the cabinet is packed too full	Clear the front vent, follow the clearances on page 10, and open space inside for air to move.
Cycles on and off often	Room hotter than normal, gasket not sealing, doors opened often, or poor ventilation	Run the cooler within 50–90°F ambient, reseat the gasket, keep the doors closed and confirm the clearances.
The cabinet feels electrified	The unit is not properly grounded	Stop using the cooler and have an electrician test the grounding system.

Frost, noise and **doors.**

INDUCTION HARDWARE

SYMPTOM	CAUSE	WHAT TO DO
Frost forming inside	Humid room, low ambient temperature, or doors opened frequently	The cooler defrosts automatically, but under these conditions a manual defrost may be needed. Try a warmer set point, open the doors less, or switch the zone off and let the frost melt. Never scrape it off.
Too much noise	Refrigerant flow, compressor note, or cabinet expansion	Rattling, gurgling, popping and a high-pitched compressor note are normal — see Normal sounds, page 14.
	The unit is not level, or it touches cabinetry or another appliance	Level the cooler on its feet and confirm nothing is in contact with the cabinet sides.
A door will not close	Unit not level, gasket dirty or out of its channel, or a shelf out of position	Level the cabinet, clean and reseat the gasket, and push every shelf fully back onto its rails.
The alarm keeps sounding	A door is not fully closed	Close both doors and check nothing is fouling the opening.

BEFORE CONTACTING SERVICE

If the cooler arrived damaged, contact the retailer or dealer that sold it immediately. Otherwise work through this section first — it covers the causes an owner can correct. Have the model and serial number from the rating label ready when you call.

Write it down **once**.

INDUCTION HARDWARE

The model and serial number are on the rating label on the back of the cabinet, and both are needed for warranty service. Copy them here before the cooler goes into its opening, and keep your receipt with this guide as proof of purchase.

MODEL NUMBER

SERIAL NUMBER

DATE OF PURCHASE

DEALER

CONTACT US

Website	**inductionhardware.com**
Phone	**(775) 898-7562**
Hours	**Mon–Fri 9–4 PST**
Email	**info@inductionhardware.com**
Showroom	**12920 Old Virginia Road, Suite 160 Reno, Nevada 89521**

All-electric, by design. Engineered in Lake Tahoe, Nevada and built in solar-powered, net-zero facilities.