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> ICECASA Commercial Freezer IE-23F User Manual

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ICECASA Commercial Freezer User Manual

Model: IE-23F

PRODUCT OVERVIEW

The ICECASA IE-23F Commercial Freezer is a 23 Cu.ft single solid door reach-in freezer designed for commercial use in restaurants, bars, shops, and similar establishments. It features a durable stainless steel construction, intelligent temperature control, and efficient fan cooling for optimal food preservation.





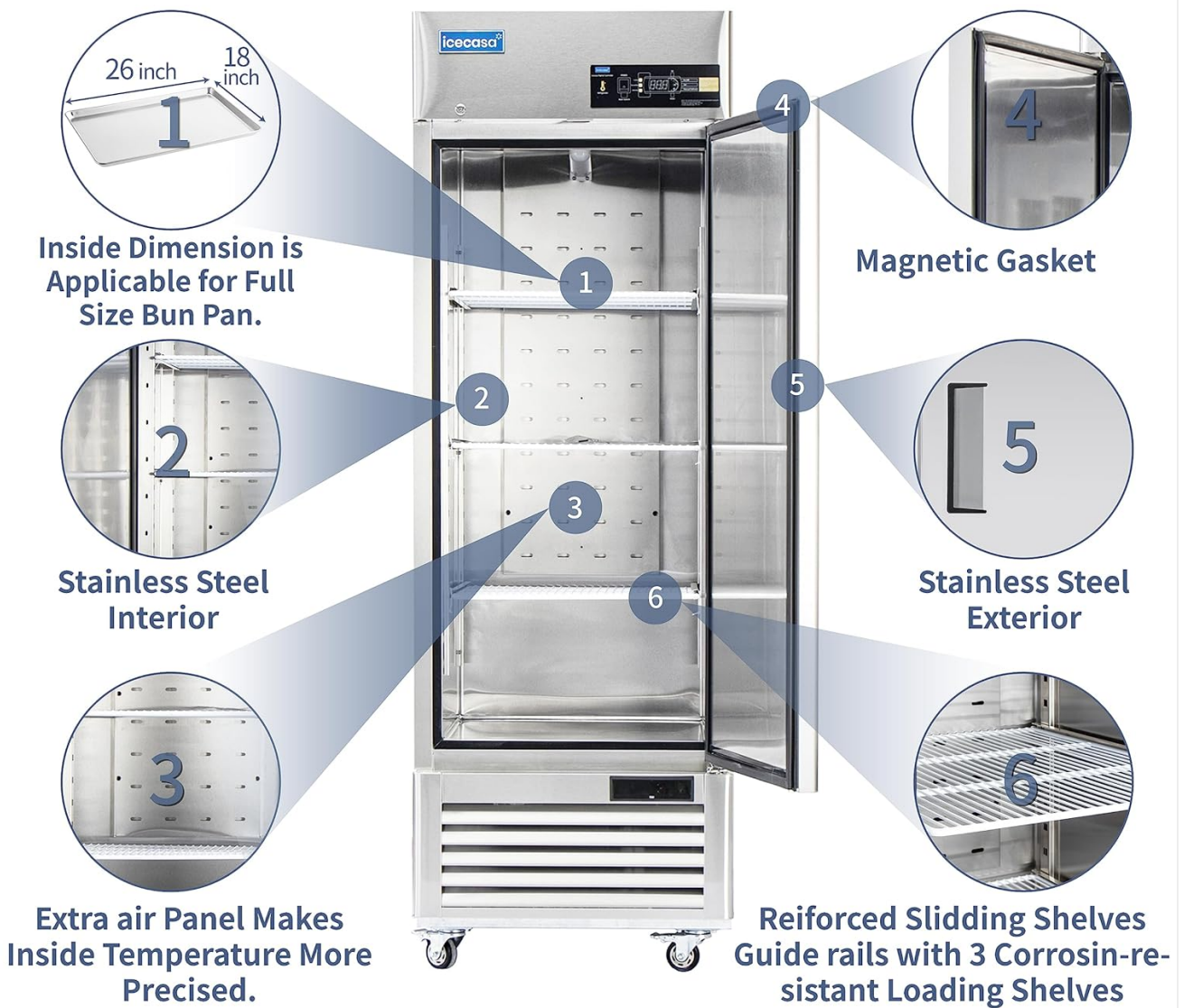
Front view of the ICECASA Commercial Freezer, showcasing its stainless steel exterior and single solid door design.

KEY FEATURES

- **Intelligent Temperature Control:** Maintains temperatures between -8°F and 0°F for rapid cooling and optimal food preservation. Features an LCD digital temperature display for convenient monitoring.
- **Powerful Refrigeration System:** Equipped with a high-performance compressor and fan cooling system to ensure uniform cooling and reduce frost. Includes an electric defrost system that automatically defrosts every 4 hours.
- **Professional Design:**
 - Safety lock for secure storage.
 - Door designed to auto-close when opened less than 90 degrees, and stay open when opened more than 90 degrees for convenience during loading/unloading.

- Automatic fan stop mechanism when the door is opened to prevent outside air entry and reduce energy costs.
- **Durable Construction:** Features a full stainless steel exterior and interior. The exterior has a special process to resist fingerprints, simplifying cleaning.
- **Adjustable Shelving:** Comes with 3 heavy-duty shelves, each capable of holding up to 150 lbs. Shelves are adjustable in height and number to accommodate various storage needs.
- **Mobility:** Equipped with heavy-duty wheels with brakes for easy movement and secure placement.

Sturdy Construction:



Interior view of the freezer, showing the reinforced sliding shelves and stainless steel construction.

Why Choose Us?



Parts & Labor



Compressor



Intertek



Intertek

Conforms to UL&NSF-7 Standards



Fan cooling system, auto defrost



Smart functional controller



90° Stay open, auto closing door with locks



Preinstalls heavy duty casters



Both exterior and interior stainless steel



Smart fan stop switch



3x150lbs loading epoxy coated shelves.

Bottom Mounted Series Reach in Freezer (ICE-23F)

Diagram highlighting key features such as the safety door lock, fan switch, top-mounted LED light, recessed door handle, digital temperature controller, dynamic cooling, heavy-duty compressor, anti-fingerprint stainless steel, and universal casters with lock.

SETUP

- Unpacking:** Carefully remove all packaging materials. Inspect the freezer for any shipping damage. Retain packaging for future transport if needed.
- Placement:** Position the freezer on a level, stable surface. Ensure adequate clearance around the unit for proper ventilation (at least 4 inches from walls). Avoid direct sunlight or heat sources.
- Leveling:** Use the adjustable feet or casters to ensure the unit is perfectly level. This is crucial for proper door sealing and efficient operation.
- Initial Cleaning:** Before first use, clean the interior and exterior with a mild detergent and warm water. Wipe dry thoroughly.
- Power Connection:** Plug the freezer into a dedicated grounded electrical outlet. Allow the unit to stand upright for at least 2-4 hours before plugging it in to allow refrigerants to settle.
- Pre-cooling:** After plugging in, allow the freezer to operate empty for several hours (e.g., 4-6 hours) to reach its set temperature before loading with food.

Temperature Control

The freezer is equipped with an intelligent digital temperature controller. The factory preset temperature range is -8°F to 0°F. The LCD display shows the current internal temperature.

- **Adjusting Temperature:** Refer to the specific instructions provided with your digital controller for detailed steps on how to adjust the temperature settings. Typically, there are buttons for increasing or decreasing the set point.
- **Automatic Defrost:** The unit features an electric defrost system that activates automatically every 4 hours to prevent frost buildup. No manual intervention is required for defrosting.

Loading the Freezer

- Distribute items evenly on the shelves to allow for proper air circulation.
- Avoid blocking the air vents inside the freezer.
- Utilize the adjustable shelves to optimize storage space for different sized items. Each shelf can hold up to 150 lbs.



The freezer's interior, demonstrating its capacity for various frozen goods like seafood, chicken, beef, and ice cream, maintaining temperatures between -8°F and 0°F.

MAINTENANCE

Regular Cleaning

- **Interior:** Clean the interior regularly with a mild, non-abrasive cleaner and warm water. Rinse with clean water and dry thoroughly to prevent odors and maintain hygiene.
- **Exterior:** Wipe down the stainless steel exterior with a soft cloth and a stainless steel cleaner. The anti-fingerprint surface simplifies this process.
- **Door Gaskets:** Inspect and clean door gaskets regularly to ensure a tight seal. A loose or dirty gasket can lead to inefficient cooling and increased energy consumption.
- **Condenser Coils:** Periodically clean the condenser coils located at the bottom of the unit. Dust and debris buildup can reduce cooling efficiency and increase energy use. Use a brush or vacuum cleaner for this task.

Power Outage

In case of a power outage, keep the freezer door closed to maintain the internal temperature for as long as possible. Avoid opening the door unnecessarily.

TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
Freezer not cooling	Power supply issue, thermostat set too high, condenser coils dirty, door not sealed properly.	Check power connection, adjust thermostat, clean condenser coils, inspect and clean door gasket.
Excessive noise	Unit not level, fan obstruction, compressor issue.	Ensure unit is level, check for obstructions around fan, contact service if compressor noise persists.
Frost buildup	Door left open frequently, faulty door gasket, defrost system malfunction.	Ensure door is closed properly, check and replace gasket if damaged, contact service if automatic defrost is not working.
Water on floor	Drain pan overflowing, clogged drain line.	Empty drain pan, clear any blockages in the drain line.

SPECIFICATIONS

Attribute	Detail
Brand	ICECASA
Model Name	IE-23F
Capacity	23 Cubic Feet
Temperature Range	-8°F to 0°F
Max Ambient Temperature	100°F
Defrosting	Automatic every 4 hours
Horsepower	1/4P
Exterior Dimensions (WxDxH)	27"W x 31.5"D x 83.1"H
Net Weight	267 pounds
Gross Weight	324 pounds
Voltage/Phase/Hz	115V/1/60Hz
Amps	2.6A
Electrical Cord Length	70.8 inches
Material Type	Stainless Steel
Shelves	3 (Adjustable)

Attribute	Detail
Certification	ETL
Included Components	Commercial Freezer



Each shelf is designed to support up to 150 lbs.

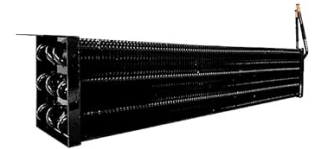


Detail of the smart fan stop switch, which activates when the door is opened to conserve energy.

Size&Detail:



Cubigel Compressor



Painted Copper coil Evaporator



High-quality Cooling Fan



CAREL Digital Temperature Controller

Detailed dimensions of the ICECASA Commercial Freezer, including width, depth, and height.

WARRANTY AND SUPPORT

ICECASA is committed to providing excellent after-sales service for its products.

- **Product Lifespan:** ICECASA products are designed for a service life of up to ten years.
- **On-Site Maintenance:** Enjoy up to two years of free on-site maintenance service.
- **Compressor Maintenance:** A six-year free compressor maintenance service is provided.
- **Customer Support:** For any questions or suggestions regarding the product or services, please feel free to contact us and we will reply you within 12 hours.

Safety Door Lock
The Door lock prevent tempering so your ingredients are safely stored overnight.

Fan Switch
Door open, fan will turn off, do or closed, fan will turn on automatically.

Top mounted LED light
Energy-saving top mounted LED light, full length brighter illumination.

Reinforced Food shelves
Shelves coated with corrosion-resistant plastic, and the loading capacity is maximum 150lbs.

Anti-fingerprint Stainless Steel
Exterior stainless steel is anti-fingerprint.

Universal Casters With Lock
Easy to move and stop anywhere.

Auto closing door
Auto closing door with 90° stay open feature.

Bun Pan applicable
Inside Dimension is Applicable for Full-Size Bun Pan (26inx18in).

Recessed Door Handle
Beautiful and practical.

Digital Temperature Controller
The clear LED read out helps keep track of the unit's temperature and automatic defrost timer.

Dynamic Cooling
Ventilated cooling system, fast cooling, frost free.

Heavy Duty Compressor
Powerful System

Information on ICECASA's after-sales service, including 24-hour response, shipping and service support, and 72-hour onsite technician service for commercial addresses.