
Elite Kitchen Supply, Inc.
Glass Door Merchandiser Instruction Manual



Customer Support: (310) 400-6395

Email: info@elitekitchen.us

Business Hours: Mon – Fri 9AM – 5PM PST

IMPORTANT MESSAGE FROM ELITE KITCHEN SUPPLY INC:

To Our Valued Customer,

We thank you for your purchase and hope you are satisfied with your equipment. In order to ensure your safety and achieve the best performance, please read these instructions carefully. For further assistance with your equipment, call our support line or email us directly.

Kind regards,

Elite Kitchen Supply, Inc.

I. INTRODUCTION:

1. Compressor is rated to work only between a set temperature range that it designed and rated for.
2. Included casters should be locked in the front for safety.
3. Goods stored inside should not overfill the interior or temperatures will be affected.
4. Stainless steel should be cleaned with lint-free cloth and non-corrosive cleaner.
5. There is a light box located at the top of the cabinet for displaying your own company logo or brand.

II. MAIN TECHNICAL DATA:

RATED VOLTAGE (V)	115
RATED FREQUENCY (Hz)	60
TEMP RANGE	Refrigerator: 33°F - 41°F; Freezer: -8°F - 0°F

MODEL	ESM-14R	ESM-16R
RATED CURRENT (A)	2.9	2.3
REFRIGERANT	R290	R290
WATTS	300	260
WEIGHT (lbs.)	214	241

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III. SAFETY PRECAUTIONS:

1. Leave enough space from the wall to the cabinet and the ceiling. Do not completely seal the back part of the cabinet to the wall. Prepare an air vent that leads to the outside of the wall.

Caution: Leave at least 8 in or 20 cm from the cabinet to the wall

2. Please remove all packaging from the bottom to enhance heat radiation and overheating.
3. Do not store flammable and volatile chemicals around the refrigerator. This may lead to an explosion.
4. Individual single-phase socket must be used. It should be reliably connected to a grounding wire. Do not use extension cords or low-rated surge protectors.
5. Unit should be securely tied down with straps during transportation. Make sure the refrigerator is not tilted more than 45°.
6. Please refer to the "Troubleshooting Guide" if the unit is facing problems. Do not attempt to solve the problem on your own. Contact our support line or email us directly.

DANGER

- Risk of fire or explosion if flammable refrigerant is used.
- Do not use mechanical devices to defrost refrigerator.
- Do not puncture refrigerant tubing.

CAUTION

- Risk of fire or explosion if flammable refrigerant used. Consult our customer support team before attempting to service this product. All safety precautions must be followed.
- Dispose of properly in accordance with federal or local regulations.
- Risk of fire or explosion due to puncture of refrigerant tubing. Follow handling instructions carefully.
- Keep clear of obstructing all ventilation openings in the unit.

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- Servicing shall be done by Elite Kitchen Supply, Inc. authorized service personnel or approved third-party repair technician, so as to minimize the risk of possible ignition due to incorrect parts or improper service.
 - When moving and using the refrigerator, make sure to avoid either damaging the refrigerant tubing or increasing the risk of a leak.

IV. USAGE NOTICE

1. Start up: Before operating your unit, please be sure that all casters are properly installed. The unit must be level after it is positioned in its permanent location. This ensures proper door alignment on all cabinet, adequate condensate water drainage, and proper overall refrigeration system operation. Electrical power to the unit is generated immediately after plugging the power cord into an outlet.

2. Set temperature: Push the SET key for more than 2 seconds to change the set point value. The value of the set point will be displayed and the “°C” or “°F” LED starts blinking. To change the set value, push the “O” or “n” arrows for 10 seconds. For it to memorize the new set point value, push the SET key again or wait 10 seconds.

3. Temperature controller: After turning on for the delay time (2 minutes), the compressor starts when cold room temperature \geq set temperature + hysteresis, and will be off when cold room temperature \leq set temperature. To protect the compressor, it will re-start unless the time when the compressor stops every time is longer than the delay time (2 minutes).

CAUTION — Setting the temperature control to the coldest setting may cause the eventually result in a warmer cabinet temperature.

4. Transportation: Unit should be securely tied down with straps during transportation. Make sure the refrigerator is not tilted more than 45°.

5. Storage: Goods stored inside should not overfill the interior or temperatures will be affected. Food is best stored in containers while refrigerated to avoid unwanted odors or smells from accumulating.

6. Maintenance: Please clean the unit with a lint-free cloth and non-corrosive cleaner. Before cleaning, **the unit must be unplugged.** When the unit will not be used for a long time, disconnect the power cord and then clean it. Please examine the wiring circuit before reusing it.

Restarting the refrigerator: Please wait 5 minutes to restart the refrigerator after the plug is pulled out or sudden power failure, or it will reduce the lifespan of the compressor. To save energy, the refrigerator door should not be frequently opened or left open for a long time.

7. Defrosting

Automatic defrosting: The electronic control panel is preset to automatically execute four defrosting cycles within twenty-four hours. The timer will reset to the time or the initial start-up time. In order to modify the start time for the defrost cycle to the desired time, it is sufficient to follow these directions, press the defrosting button for six seconds, the unit will start defrosting at the time, and another cycle will follow six hours later.

Manual defrosting: Press the button on the top right of the display of the electronic thermostat for six seconds, the defrosting will start only if the sensor reveals a temperature that is inferior to a pre-set value. In that phase, the defrosting pilot light and defrost LED will be switched on. The refrigerator coils are defrosted by compressor stopping. The freezer coils are defrosted electrically.

CAUTION — Do not remove ice with a sharp metal instrument.

V. REGULAR MAINTENANCE

Cleaning the condenser coil

For efficient operation, it is important that the condenser surface be kept free of dust, dirt, and lint. Elite Kitchen Supply, Inc. recommends cleaning the condenser coil and fins at least once per month. Clean with a commercial condenser coil cleaner, available from any kitchen equipment retailer. Brush the condenser fins from top to bottom, not from side to side. After cleaning, straighten any bent condenser fins with a fin comb.

Cleaning the fan blades and motor

If necessary, clean the fan blades and motor with a soft cloth. If it is necessary to wash the fan blades, cover the fan motor to prevent moisture damage.

Cleaning the interior of unit

When cleaning the cabinet interior, use a solvent of warm water and mild soap. Do not use steel wool, caustic soap, abrasive cleaners, or bleach that may damage the stainless steel surface.

Cleaning the back panel:

1. Take down the setscrews of back panel one by one manually, and then take down the back panel.
2. Clean the backboard behind the panel by scour, pay attention to keep the safety of the heat preservation material covered by the cupreous tube, clean the parts around the motherboard holes, clean the back of the panel, and dry the cleaning parts using a soft cloth.
3. Fix the back panel on the cabinet after cleaning. Wash door gaskets on a regular basis, preferably weekly. Simply remove door gasket from the frame of the door, soak in warm water and soap for thirty (30) minutes, dry with soft cloth, and replace. Check door gaskets for proper seal after they are replaced.

WARNING — Disconnect power cord before cleaning any parts of the unit.

Replace the fluorescent lamp (for select models)

If replacement of the fluorescent lamp is required, disconnect the appliance from the power supply, take the lamp holder away from the socket, and replace with a new and correct fluorescent lamp which the correct specification. Refit the fluorescent lamp with the plastic pipe and lamp holder into the socket. Then connect to power supply.

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VI: TROUBLESHOOTING GUIDE

When you find that the refrigerator appears not to be functioning correctly, please check the unit according to the following problem and given solution.

Problems		Reasons	Solutions
No indicator light	Unit not working	Plug is not connected with the power outlet	Connect the plug to the power outlet and check electrical
		Plug and outlet contact failure	Replace plug and outlet
		Failing input of control circuit	Check and repair the control unit
	Unit off	Base of light not welded	Weld and secure the base
		Indicator light burned out	Replace the light
Compressor running failure		Low power	Check amperage of wall outlet
		Power failure	Replacement
		Temperature controller failure	Replacement
		Heating protector burning out	Replacement
		Starter failure	Replacement
		Compressor electric burned out	Replacement
		Compressor fan being blocked	Replacement
Compressor working non-stop		Misplacement of the probe of the temperature controller	Set probe in proper place
		Damaged of controller	Replacement
		Insufficient or leaking refrigerant	Contact Elite Kitchen Supply, Inc. to locate a certified refrigeration technician to find the leakage and repair.
		Heavy frosting of the evaporator	Select defrost on digital controller
		Circulation failure	Vacuum the system and add refrigerant
		Refrigeration pipe blockage	Replace the filter and add refrigerant
		Failure of condenser fan	Replace the fan and check the

		circuit
	Low efficiency or no exhaust of compressor	Replacement
	Opening the door too often	Reducing the frequency of opening door
	Clogged condenser and filter	Clean the condenser and filter
	Overfilling the refrigerator causing bad ventilation	Reduce the food storage and redistribute the interior space
	Cold air leaking from door seal	Replacement
Inefficient compressor	High ambient temperature	Improve the ventilation to lower the ambient temperature
	Low presetting temperature	Reset
Unit noisy	Uneven placement of the refrigerator	Find leveled floor space to place unit
	Impacting of capillary, other pipeline and accessories for no firm fitting	Clean the pipes
	Damaged fan	Replacement
	Condenser fan blocked	Clean, perform maintenance on condenser fan
	Loose welding on compressor connections	Replacement and re-weld
	Lose bolt on compressor, fan and condenser	Tightening the bolt
	Damage or off	Replacement or turn on
No interior light	Light burned out	Replacement
	Damaged ballast	Replacement
	Non-functioning circuit	Perform circuit check

Please ask Elite Kitchen Supply, Inc. qualified personnel to service.

ATTENTION!

The following is normal and not a sign of malfunction:

- A light sound of water flow in the cabinet.
- Heat from the compressor or condenser.
- If the ambient humidity is high, condensation will accumulate on doors. Wipe with a towel.



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