
COUNTERTOP REFRIGERATORS

Installation, Operation and Maintenance Instructions

INSPECTION

When the equipment is received, all items should be carefully checked against the Bill of Lading to insure all crates and cartons have been received. Do not sign the freight bill clear until the freight has been properly inspected for damage. All units should be inspected for damage including concealed damage by uncrating immediately. If any damage is found, it should be reported to the carrier at once, noted on the Bill of Lading and a claim should be filed with the carrier. This equipment has been inspected and tested in the manufacturing facility and has been crated in accordance with transportation rules and guidelines. The manufacturer is not responsible for freight loss or damages.

INSTALLATION

CAUTION: This unit uses a flammable refrigerant. Use care when handling and operating to avoid damaging the refrigerant tubing or increasing the risk of a leak.

After removing the unit from the packaging, clean the interior and exterior surfaces of the unit with soap and water and a rinse with clean water. Do not use chlorinated cleaners on the surfaces as they can cause corrosion.

This unit is designed for indoor use only. The refrigeration system located at the bottom back of the unit requires free air access for proper operation. Allow a minimum of seven (7) inches between the back of the cabinet and the wall.

Do not locate the unit next to heat generating equipment or in direct sunlight.

Confirm that the proposed electrical outlet has the correct voltage, frequency and current carrying capacity for the requirements of the unit. This information is noted on the data plate on the inside left wall of the unit. The unit should be isolated on a circuit. Do not use an extension cord to get power to the unit. Improper electrical installations will void the compressor warranty. To prevent shock and fire, be sure the unit is properly grounded.

The shelves and shelf support clips are shipped inside the cabinet. Install the shelf support clips on the pilasters mounted on the inside walls of the cabinet and set the shelves on the supports. The shelves are adjustable in ½" increments to suit your needs.

If the doors have come out of alignment during shipping, they will need to be adjusted. This can be accomplished by opening the door(s) and loosening the screws that hold both the top and bottom hinges to the cabinet. After adjusting the door so it is aligned correctly, tighten the screws to securely hold the hinges and door(s) in place.

MAINTENANCE

All service should be performed by factory authorized personnel. All component parts will be replaced with like components to minimize the risk of possible ignition due to incorrect parts or improper service.

Cleaning

Beginning with the initial installation, the interior surfaces of the cabinet should be periodically cleaned with a solution of warm water and baking soda. This solution will remove any odors from spillage that has occurred. The exterior of the cabinet should also be cleaned frequently with a commercial stainless steel cleaner, glass cleaner or mild soap solution. Do not use chlorinated cleaners on any surfaces.

Note: do not use stainless steel cleaners or other solvent-based chemicals on the plastic parts (door handle or trim strips) as they can cause failure. Use mild soap and warm water on plastic parts.

The shelving can be cleaned in a sink with a mild soap solution and a soft bristled brush.

Condenser Coil

Prior to cleaning the condenser coil disconnect the unit from power. Periodic cleaning of the condenser coil will aid the heat transfer of the refrigeration system and increase its efficiency. To accomplish this, remove the lower front grill from the cabinet. The condenser coil is located behind the grill. Use a soft bristled brush to remove any dirt particles that are on the fins of the condenser coil. Use a vacuum cleaner or compressed air to remove the loosened particles. Replace the front grill and reconnect the unit to power. Failure to clean the condenser coil can lead to performance loss and compressor failure.

SPECIFICATIONS

Product	Countertop	
Model	CTM7B	
Gross Capacity (cu.ft)	7	
Exterior Dimensions [inch]	W	21 1/4
	D	26
	H	38 1/4
Net Weight (lbs)	132	
Control	Thermostat Control	
Shelves(W*D)	18 * 18 3/4 , 2 EA	
Illumination	LED LAMP	
Number of Doors	1	
Rated Voltage	AC115V / 60Hz	
Type of Power Cord	NEMA 5-15	
Amps	3.1A	
Compressor (HP)	1/5 HP	
Refrigerant	R290	
Range of Temperature	32~40°F	

- Above specifications are subjected to change without prior notice for quality improvement.

TROUBLESHOOTING

ISSUE	SOLUTION
Compressor will not start	<ul style="list-style-type: none"> • Check the power cord and make sure it is plugged in. • Check the temperature controller. If is in the "OFF" position, turn it clockwise to set a desired temperature.
Poor performance	<ul style="list-style-type: none"> • Move the unit away from direct sunlight. • Move the unit away from heating devices. • Install the unit in a well-ventilated place, with at least 7 inches of clearance on all sides. • Clean the condenser if heavy dust is collected. • Clear contents from blocking the air duct. • Check the temperature controller for incorrect setting. • Check the door and be sure it is completely closed.
Unit noisy	<ul style="list-style-type: none"> • Install the unit on a leveled surface. • Maintain 7 inches of clearance from the wall. • Check for loose parts or mounting. • Keep the tubing free from any contact to avoid rattle.
Condensation on cabinet exterior and/or floor	<ul style="list-style-type: none"> • Reduce humidity where the unit is installed. • Check the drain line to make sure it is not disconnected inside the cabinet and it drains into the drain pan in the compressor area.