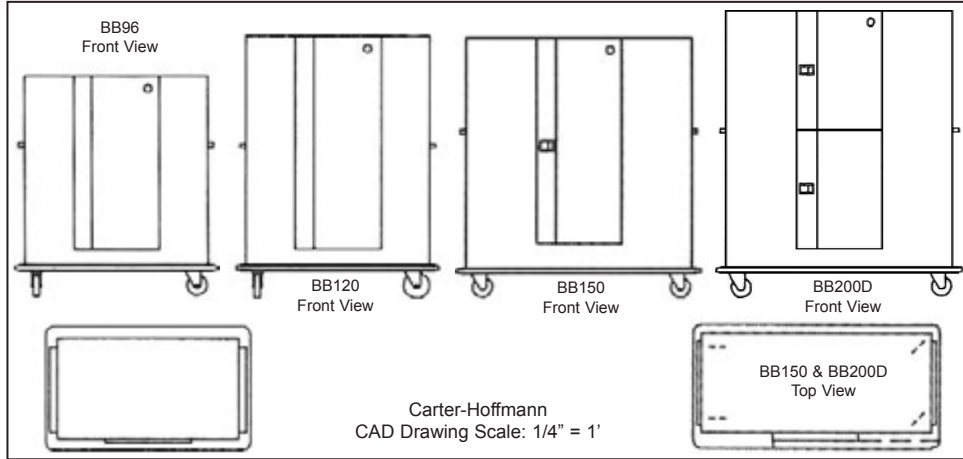




BB96, BB120, BB150 & BB200D BANQUET CARTERS

for plates 8-3/4" to 10-1/2" in diameter

CARTER-HOFFMANN
B11
BANQUET CARTS
FOOD SERVICE EQUIPMENT



Model Number	Plate Capacity*			Number of Shelves	Clearance Between Shelves		Shelf Size		Overall Dimensions			Caster Diameter		Shipping Weight				
	with "P" carriers	with "C" carriers	without carriers		in	mm	in	mm	Height in	mm	Depth in	mm	Width in	mm	in	mm	lbs	kg
<input type="checkbox"/> BB96	96	120	120	3	13	330	22x42 1/2	559x1080	54	1372	30 1/2	777	50 3/4	1290	6	152	356	161
# carriers	12 (8P)	12 (8C)	-															
<input type="checkbox"/> BB120	120	144	144	3	16	406	22x42 1/2	559x1080	64 3/4	1645	30 1/2	777	50 3/4	1290	6	152	420	191
# carriers	12 (10P)	12 (10C)	-															
<input type="checkbox"/> BB150	150	180	180	3	16	406	22x53 1/4	559x1353	64 3/4	1645	30 1/2	777	61 1/2	1563	6	152	472	215
# carriers	15 (10P)	15 (10C)	-															
<input type="checkbox"/> BB200D	160	200	200	4	13	330	22x53 1/4	559x1353	71 1/2	1816	30 1/2	777	61 1/2	1563	6	152	546	248
# carriers	20 (8P)	20 (8C)	-															

*Capacity based on common plate depth and combined plate/cover height of 2.5". Due to the variety of plate thicknesses and depths, as well as plate cover heights; actual capacity may vary.

CONSTRUCTION... Completely welded double wall cabinet construction with outer cabinet formed and welded to base. All seams turned in to eliminate raw edges.

CABINET MATERIAL... All stainless steel construction; 20 gauge polished exterior and 24 gauge interior.

BASE FRAME... 12 gauge stainless steel full depth bolsters with 1"x1" stainless steel perimeter channel supports.

CASTERS... 6" diameter, industrial grade polyurethane casters. Two swivel and two rigid. Sealed roller axle bearing and double ball bearing swivel. Plate mounted and bolted to base in offset "wheel ahead" pattern. Two casters fitted with brakes.

BUMPER... Non-marking gray vinyl bumper set in heavy duty 3/16" extruded aluminum frame with reinforced corner "cut-outs."

INSULATION... 1" thick high density continuous wrap-around type fiberglass insulation with 1 1/2" thickness on top.

GASKET... High temperature silicone gasket.

DOORS... Welded double stainless steel door. Filled with 1" thick fiberglass insulation. BB200D features Dutch doors.

HINGES... Concealed, stainless steel hinge with 5/16" pin.

PUSH HANDLES... Two horizontal full width stainless steel tubular push handles with back-up plates. Mounted to each end of the cabinet.

LATCHES... Flush mounted, heavy-duty sliding latch(es) with exclusive grip handle.

SHELVES... Welded, duplex nickel-plated removable wire shelves.

THERMOMETER... Dial type with remote sensing bulb and sensing bulb protector. Mounted to door.

HEATING SYSTEM... Bottom mounted heater. Stainless steel construction. Removable without tools. 1600 watt inconel-sheathed heating element. High impedance protected, internally cooled

fan motor. Full range thermostat and power indicating light.

ELECTRICAL CHARACTERISTICS... Operates on 120 volts, 60 cycle, single phase, 1650 watts, 13.7 amps. Ten foot rubber cord with 3 prong grounding plug. NEMA 5-15P plug.

PERFORMANCE... Capable of heating to 200° F (94° C). Preheat to 160° F (71° C) in approximately 20 minutes.

ACCESSORIES/OPTIONS...

- 4 wheel brakes
- Alternate electrical configurations
- On/Off heater toggle switch
- Top mounted transport latch
- Locking paddle latch
- Lexan thermometer cover
- Cold plate
- Alternate caster sizes & types
- Menu card holder
- Plate carriers - specify open "P" type or covered plate "C" type

Specifications subject to change through product improvement & innovation.

SPECIFICATIONS

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BB96, BB120, BB150 & BB200D BANQUET CARTERS

Since 1947, Foodservice Equipment That Delivers!

DOUBLE WALL STAINLESS STEEL

CABINET... Strongest, most durable materials for long life. High density 1" thick fiberglass in walls and door, 1 1/2" thick on top for maximum heat retention.

HEAVY-DUTY STAINLESS STEEL BASE FRAME...

12 gauge caster bolsters with perimeter frame for rugged use and added durability.



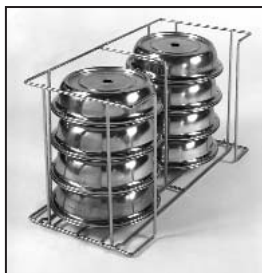
**COMPLETELY WELDED
TURNED-IN SEAM
CONSTRUCTION...** Adds rigidity to entire cabinet and eliminates raw edges for ease of cleaning and safety.

**WRAP-AROUND
BUMPER...** Full perimeter aluminum bumper with non-marking gray vinyl insert. Protects cart and facility walls from damage.

**6" DIAMETER INDUSTRIAL GRADE CASTERS
WITH POLYURETHANE TREAD...** Long lasting and easy rolling for maximum load and minimum maintenance. Two swivel and two rigid. Swivel casters fitted with brakes. Mounted to base in offset wheel-ahead pattern for easy rolling over uneven surfaces.

HIGH PERFORMANCE REMOVABLE HEATER... Blower system for fast heat up, recovery and even heat distribution throughout cabinet. Removable without tools for easy service and cabinet cleaning.

REMOVABLE WIRE SHELVES... Welded, duplex nickel-plated with reinforced shelf clips. Sturdy for heavy plate loads and removable for cleaning.



**"C" carrier for
covered plates**

OPTIONAL PLATE CARRIERS... "P" or "C" carriers are available. "P" type holds 8-3/4" to 10-1/2" diameter open plates while "C" type holds up to 10-1/2" diameter covered plates. Specify type, if any, when ordering. Carriers will hold plates 4-high (8C or 8P) in carts with 13" shelf spacing and 5-high (10C or 10P) in carts with 16" shelf spacing. See table on front page for types and quantities that will fit in each cart.



**"P" carrier for
open plates**



HEATED BANQUET AND TRANSPORT CARTS with FH90 HEATING SYSTEM *OWNERS / OPERATORS MANUAL*



MANUFACTURED BY:

CARTER-HOFFMANN
1551 McCormick Avenue
Mundelein, IL 60060 U.S.A.

Phone: 847-362-5500
Fax: 847-367-8981
Toll Free: 800-323-9793
Email: Service@Carter-Hoffmann.com

MODELS: HEATED BANQUET CARTS (for plated banquet meals)
BB40
BB48
BB60
BB72
BB64
BB90
BB96
BB100
BB120
BB150
BB200D
BB96X
BB120X
BB150X
BB96XX
BB120XX
BB150XX
BB96E
BB120E
BB150E
BB1824
BB1848
BB1864
BB1000
BB1200

MODELS: HEATED TRANSPORT CARTS (for bulk food or compartment trays)
PH1215
PH1225
PH1250
PH1800
PH1825
PH1850
PH185
PH181
PH1810
PH1830
PH1860
ST181
ST1811
PH1410
PH1420
PH1430



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UNPACKING AND INSPECTION



This appliance should be thoroughly cleaned prior to use.

See the **CLEANING INSTRUCTIONS** in this manual.

NOTE: DO NOT discard the carton or other packing materials until you have inspected the appliance for hidden damage and checked it for proper operation.

Refer to **SHIPPING DAMAGE CLAIM PROCEDURE** on bottom of this page.

1. Remove the cabinet from shipping carton, ensuring that all packing materials and protective plastic has been removed from the unit.
2. Inspect all components for completeness and condition.
3. If any freight damage is present, a freight claim must be filed immediately with the shipping company.
4. **Freight damage is not covered under warranty.**
5. Check to insure all components are included: cabinet, instruction packet and additional accessories.
6. Read operation instructions completely.
7. Appliance should be thoroughly cleaned before use. See **CLEANING INSTRUCTIONS** in this manual.

FREIGHT DAMAGE PROCEDURE

NOTE: For your protection, please note that equipment in this shipment was carefully inspected and packaged by skilled personnel before leaving the factory. Upon acceptance of this shipment, the transportation company assumes full responsibility for its safe delivery.

IF SHIPMENT ARRIVES DAMAGED:

1. **VISIBLE LOSS OR DAMAGE:** Be certain that any visible loss or damage is noted on the freight bill or express receipt, and that the note of loss or damage is signed by the delivery person.
2. **FILE CLAIM FOR DAMAGE IMMEDIATELY:** Regardless of the extent of damage. **Contact your dealer immediately.**
3. **CONCEALED DAMAGE:** If damage is unnoticed until the merchandise is unpacked, notify the transportation company or carrier immediately, and then file a "CONCEALED DAMAGE" claim with them. This should be done within fifteen (15) days from the date the delivery was made to you. **Be sure to retain the container for inspection.**

Carter-Hoffmann cannot assume liability for damage or loss incurred in transit, **freight damage is not covered under warranty.** We will, however, at your request, supply you with the necessary documents to support your claim.

SAFETY PRECAUTIONS



WARNING: ELECTRIC SHOCK HAZARD

All service requiring access to non-insulated components must be performed by qualified service personnel. Failure to heed this warning may result in severe electric shock.



CAUTION: ELECTRIC SHOCK HAZARD

Disconnect this appliance from electrical power before performing any maintenance or service.



CAUTION: BURN HAZARD

Exposed metal surfaces can be hot to the touch and may cause burns.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should be followed, including the following:

- 1) Be familiar with the appliance use, limitations and associated restrictions. Operating instructions must be read and understood by all persons using or installing this appliance.
- 2) This appliance must be grounded. Connect only to properly grounded outlet.
- 3) Use this appliance only for its intended purpose as described in the manual.
 - a. This equipment is specifically designed to hold pre-cooked food at temperature.
 - b. This equipment is intended for use in commercial establishments only.
 - c. This equipment is not designed for industrial or laboratory use.
- 4) Cleanliness of this appliance and its accessories is essential to good sanitation.
- 5) DO NOT submerge this appliance in water. This appliance is not jet stream approved. DO NOT direct water jet or steam jet at this appliance, or at any control panel or wiring. DO NOT splash or pour water on, in or over any controls, control panel or wiring. DO NOT use corrosive chemicals or vapors in this appliance.
- 6) DO NOT store this appliance outdoors. DO NOT use this product near water – for example, near a kitchen sink, in a wet basement, or near a swimming pool, and the like.
- 7) DO NOT operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped. Do not immerse cord or plug in water, keep cord away from heated surfaces, and do not let cord hang over edge of table or counter.
- 8) DO NOT cover or block any openings on the appliance.
- 9) **Only qualified service personnel should service this appliance.**

NOTE: The technical content of this manual, including any wiring diagrams, schematics, parts breakdown illustrations and/or adjustment procedures, is **intended for use by qualified technical personnel** and is subject to change without notice.

INSTALLATION AND STARTUP



WARNING: Risk of personal injury

Installation procedures must be performed by a qualified technician with full knowledge of all applicable electrical codes. Failure could result in personal injury and property damage.



IMPORTANT: Power cord is 10' long

If necessary, contact a licensed electrician to install an appropriate 15 amp electrical circuit with correct NEMA receptacle.

DO NOT use an extension cord.



CAUTION: Electrical Shock Hazard

The ground prong of the power cord is part of a system designed to protect you from electric shock in the event of internal damage.

DO NOT cut off the large round ground prong or twist a blade to fit an existing receptacle.



IMPORTANT: Not under warranty

Damage to unit due to being connected to the wrong voltage or phase is **NOT** covered by warranty.



WARNING: Risk of personal injury

Unit is not waterproof, to avoid electrical shock, keep unit from being submerged in water. Do not operate if unit has been in contact with water.

LOCATION

For proper operation and maximum performance, locate the unit in an ambient air temperature of 70°F (21°C).

Avoid placement in areas near exhaust fans or where there are active air movements.

For safe operation and maximum performance, locate the unit at least 2" from any wall or combustible material.

Unit must be on a solid level surface.

GROUNDING INSTRUCTIONS

This appliance is equipped with a cord having a grounding wire with a grounding plug which must be plugged into an outlet that is properly installed and grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current.

WARNING—Improper use of the grounding can result in a risk of electric shock. Consult a qualified electrician or service agent if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

START UP

1. Prior to use, thoroughly clean the interior of the unit, per the instructions in this manual (see page 8). Familiarize yourself with the controls.
2. Plug the power cord of the cabinet into a grounded outlet with a electrical service according to the electrical information provided below. **DO NOT MODIFY CORD PLUG.**
3. Turn temperature dial to highest setting (210°F).
4. Do not load product into the cabinet. Allow the heat to remove any residual oils which may adhere to inside metal surfaces. A slight emission of smoke is common during the first few hours of operation.



Electrical Info for Standard US systems

Electrical Information NEMA Plug Type	
1650 watts	NEMA 5-15P
120 volts	
13.7 Amps	
60 Hz	
Single Phase	

NORMAL OPERATION



CAUTION: HOT SURFACE

Inner and outer surfaces of the unit will be very hot during and after operation.

Avoid touching the cabinet when loading or removing

Operating ranges:

- air temp: 80°F-210°F

****For food safety reasons, it is recommended that the food be held at 140°F or higher.***



BB1864
Banquet Cart

FIRST USE

Before using the cabinet, familiarize yourself with the heater controls. Plug the cabinet into a proven power source. The power indicator lamp and fan will operate continuously whenever the heater is plugged in. This unit operates on 1650 watts, 120 volts, 13.7 Amps, NEMA 5-15P plug.

HEATER OPERATION

1. Turn thermostat knob to 160°F to 180°F; allow cabinet to preheat for at least 20 minutes. Be sure cabinet door remains closed during preheat time. Dial thermometer will display actual cabinet temperature.
2. Food serving temperature will vary with the mass, type & quantity of food (see FOOD HOLDING GUIDE on page 7). To adjust the temperature setting, rotate the HEAT dial clockwise to increase temperature and counter-clockwise to decrease temperature to the desired set point. Dial settings range from 80°F to 210°F. HEAT cycle light will turn on and off as the heat thermostat cycles.
3. Load food pans into cabinet. NOTE: Follow all food safety guidelines. Put hot, cooked food into the cabinet. This cabinet is not intended to reheat food. Food must be cooked and at safe serving temperature prior to being placed in the cabinet.
5. During loading, the cabinet temperature will drop. Close door and allow the cabinet to recover for 10-15 minutes before moving the cabinet.
6. Be sure to unplug the cord and wind it around the cord bracket before moving the cabinet. Move the cabinet to the service area as quickly as possible.
7. Upon reaching the service area, unwind the power cord and reconnect the heater as soon as possible. Wait 5-10 minutes for the cabinet to recover temperature (check the thermometer to see if the temperature is at the desired level). Adjust thermostat as needed.
8. When removing items, start at the bottom and work up. This will keep food hotter and eliminate spillage onto lower items.



FH90 Heating System

CALIBRATION PROCEDURES



CAUTION: HOT SURFACE

Inner and outer surfaces of the unit will be very hot during and after operation.

Operating ranges:

- air temp: 80°F-210°F

THERMOMETER CALIBRATION

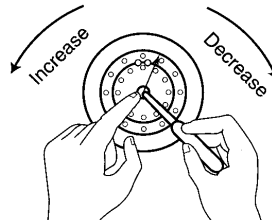
Place an oven thermometer in the center of the cabinet. Turn heater on; turn thermostat to maximum setting and wait approximately 45 minutes. Open the door and check inside thermometer temperature. If recalibration is required, pry the plastic cover off the dial body and with a small flat blade screwdriver, insert into the pointer as shown. Carefully turn the pointer with your finger to the correct setting. Be careful not to bend the pointer, as it is very fragile.

THERMOSTAT CALIBRATION

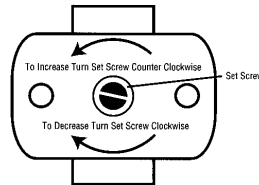
If additional heat range is desired, unplug unit, remove black thermostat knob, insert small straight blade screwdriver into opening and turn limit control set screw counterclockwise one full turn (see diagram). Replace the thermostat knob and turn clockwise to reach new maximum temperature. Repeat procedure until desired temperature is reached. Each 1/4 turn of the calibration set screw will raise the element heating capacity by 25°F to 35°F degrees.

If a reduction of heat is desired, turn limit control set screw clockwise one full turn. Hold the door open allowing the cabinet to cool until inside temperature is below the temperature desired. Close the door and allow unit to rise to new maximum temperature. Repeat procedure until desired temperature is reached.

THERMOMETER CALIBRATION



THERMOSTAT CALIBRATION

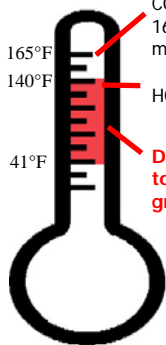


FOOD HOLDING GUIDE



CAUTION: SAFE FOOD HOLDING PRACTICES RECOMMENDED

Cooking food to a safe temperature, holding at a temperature of at least 140°F is critical in the prevention of foodborne illness. Hold only cooked, hot food at 140°F or higher. This cabinet is not intended to cook or re-heat food. Food must be at appropriate temperature before being placed into cabinet.



COOK TO AT LEAST 165°F Destruction of most bacteria

HOLD at 140°F or higher

DANGER ZONE: 41°F to 140°F Bacteria grow rapidly

NOTE: Times and temperatures observed in a test kitchen environment. Times and temperatures may vary, depending on initial food quality, initial cooked temperature and user expectations of acceptable food quality.

PRODUCT	SET TEMPERATURE (°F / °C)	MAXIMUM TIME (MINUTES)
Bacon, Canadian	180°F / 82°C	30
Bacon, Crisp (uncovered)	180°F / 82°C	30
Baked Potato	180°F / 82°C	60
Biscuits	170°F / 77°C	60
Casseroles	175°F / 79°C	90
Chops, Sliced Meats	160°F / 71°C	60
Chicken, Fried (uncovered)	170°F / 77°C	30
Chicken, Boneless Breasts	175°F / 79°C	60
Chicken Nuggets, Deep Fried (uncovered)	190°F / 88°C	25
Chicken, Pre-Cooked Grilled Boneless Patties	150°F / 66°C	90
Coffee Cakes (uncovered)	170°F / 77°C	60
Cookies (uncovered)	175°F / 79°C	90
Crab Legs	160°F / 71°C	45
Croissants	170°F / 77°C	45
Eggs	160°F / 71°C	45
Fish, Deep-Fried (uncovered)	170°F / 77°C	30
Fish, Baked	155°F / 68°C	45
Fish, Broiled	155°F / 68°C	45
French Toast	165°F / 74°C	60
Gravies / Sauces	170°F / 77°C	45
Hamburgers / Ground Meat Patties	180°F / 82°C	45
Hot Dogs	180°F / 82°C	90
Muffins	170°F / 77°C	60
Omelets	160°F / 71°C	30
Pancakes	180°F / 82°C	30
Pasta	175°F / 79°C	60
Pastries	165°F / 74°C	30
Pizza (uncovered)	180°F / 82°C	15
Pizza (boxed)	180°F / 82°C	60
Poppers, Deep Fried (uncovered)	190°F / 88°C	25
Poultry, Whole, bone-in	175°F / 79°C	60
Poultry, Cut-up, bone-in	175°F / 79°C	60
Ribs	175°F / 79°C	90
Rice	175°F / 79°C	30
Roasts / Bone-in Meats	165°F / 74°C	90
Sausage	180°F / 82°C	90
Shrimp / Shellfish	150°F / 66°C	60
Soups (broth)	185°F / 85°C	90
Tortillas (soft)	180°F / 82°C	60
Vegetables	175°F / 79°C	45

DAILY CLEANING PROCEDURES



**CAUTION:
ELECTRIC SHOCK
HAZARD**

Disconnect appliance from electric power before cleaning.



**CAUTION:
HOT SURFACE**

Exposed surfaces can be hot to the touch and may cause burns. Allow appliance to cool before cleaning.



IMPORTANT:

DO NOT spill or pour water into controls, control panel or wiring. Water damage is **not** covered by warranty.

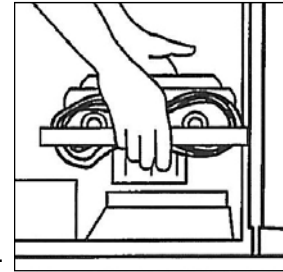


CAUTION: Beware of sharp edges with sheet metal during cleaning process.



CAUTION: Do not use steel wool pads as they will result in rusting from the ferrous metal in the pads.

1. Clean cabinet regularly, using the following procedure:
2. Allow cabinet to cool completely.
3. The entire heating unit can be lifted out of the cabinet prior to cleaning. Unplug the heating unit and wrap cord around the handle. Grasp the heater cord/handle with one hand and the rear of the heater unit with the other. Lift heater up and then out.



4. Racks or shelves are easily removed without tools for cleaning. Simply lift up and pull out. The tray slides may be hand washed or run through an automatic dishwasher.
5. Vinyl trim should be washed with a chlorine-free detergent and water. Rinse thoroughly with clear water and allow to dry. Never use abrasive cleaners, waxes, car polish, or substances containing strong aromatic solvents or alcohol. Use of direct steam/hot water cleaning at temperatures above 190°F (88°C) may result in bubbling or loosening of vinyl adhesive.
6. To clean stainless steel surfaces use only cleansers, detergents, degreasers, or sanitizers that are certified to be "chloride-free" and "phosphate-free". **DO NOT** exceed recommended concentrations or mixing ratios. After cleaning and sanitizing, rinse all exposed surfaces thoroughly with large amounts of clear water. Wipe off any standing liquid or residue from all horizontal surfaces, in corners, or near edges.
7. Wipe dry with a clean soft cloth.
8. Replace heating unit.



CAUTION:

Cleansers, detergents, degreasers, sanitizers, or bleaching agents that contain chlorides or phosphates will cause permanent damage to stainless steel products. The damage appears as pits, eruptions, voids, small holes, cracks, severe discoloration, or dulling of the metal finish. Water with high chloride content can also damage stainless steel. If unsure of your water quality, we recommend you have it tested.

Use of cleaning agents that are not recommended for stainless steel may cause permanent damage to the cabinet. **THIS DAMAGE IS PERMANENT, COSTLY TO REPAIR AND IS NOT COVERED BY THE WARRANTY.**

RECOMMENDED TIPS FOR CLEANING STAINLESS STEEL

Purpose	Frequency	Cleaning Agent	Method of Application
Routine Cleaning	Daily	Soap, ammonia detergent & water	Sponge with cloth, rinse with clear water and wipe dry
Smears/fingerprints	As Needed	Stainless steel cleaner or similar products	Rub with cloth as directed on package. Rub in direction of stainless steel grain. Do not use on vinyl trim.
Stubborn spots & stains	Daily As Needed	Any chloride-free or phosphate-free cleaner	Apply with damp sponge or cloth. Rub in direction of stainless steel grain. Rinse thoroughly. Do not use on vinyl trim.
Hard water spots	Daily As Needed	Vinegar	Swab with cloth. Rise with water & wipe dry.

MAINTENANCE

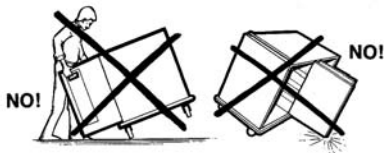


CAUTION:

Do not move cabinet unless door is securely closed. Serious damage to hinges and door may result if bumped into tables, walls, or other equipment when the doors are open.

CASTERS

Some cabinets may have caster bearings that are equipped with Zerk grease fittings so that they may be easily lubricated with a grease gun. Lubricate bearings at least once every six months. Lubrication will be required more often if cabinet is cleaned with a hot water or steam cleaning system. Casters with special sealed bearings are recommended for frequent cart wash or steam cleaning systems.



LATCHES & HINGES

Make sure all joints remain sealed and door latches do not stick. If necessary, use WD-40, silicone spray, graphite or other commercial lubricants for aluminum products, to keep door latches & hinges from sticking. Do not use oil.

FOR CABINETS WITH PERIMETER BUMPERS

Vinyl which has been dislodged from the channel due to severe bumping or scraping can be pried back into place with a common screwdriver.

REPLACEMENT PARTS & WIRING DIAGRAMS

FH90 HEATER COMPONENTS 120V, 1650W, 13.7A

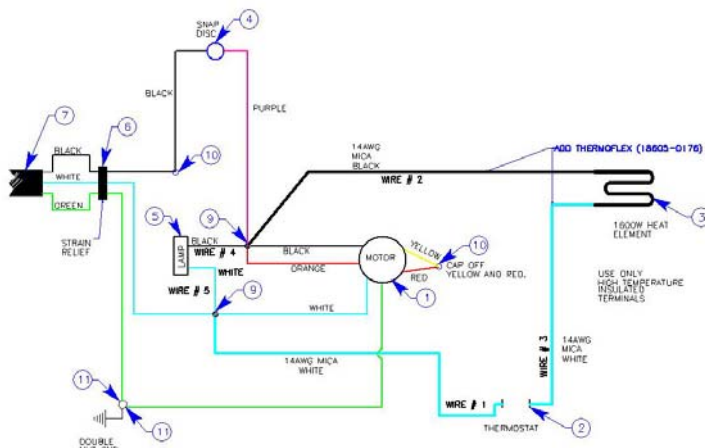
Part Number	Description
FH90-0015B	FH-90 (heater unit 120 volts)
16502-6157	Motor cover
16502-5631	Aluminum handle
18617-0850	Handle spacer
18614-0360	Fan motor
18614-0321	Fan blade
18612-0261	Heat element 120 volts, 1600 watts
18600-0016	Thermostat
18608-0013	Thermostat knob
18601-1185	Indicating light
18605-0016	120 volt power cord
18617-0130	5/8" strain relief grommet
18617-0100	5/8" snap bushing



CAUTION: Use only (OEM) original equipment manufacturer replacement parts. Using unauthorized parts may cause serious injury or damage to the cabinet. Replacement parts should be installed by a qualified service technician.

Contact Carter-Hoffmann with your model and serial number for replacement parts.

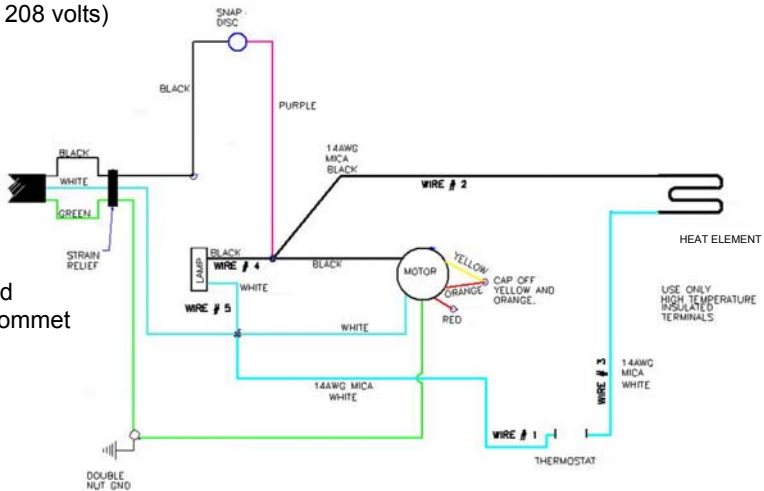
Call: 800-323-9793 or email:
Service@Carter-Hoffmann.com



REPLACEMENT PARTS & WIRING DIAGRAMS

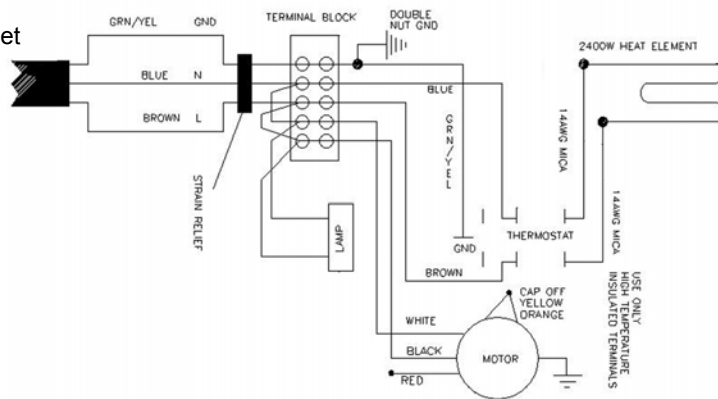
FH90 HEATER COMPONENTS 208V, 2048W, 9.8A

Part Number	Description
FH90-0001E	FH-90 (heater unit 208 volts)
16502-6157	Motor cover
16502-5631	Aluminum handle
18617-0850	Handle spacer
18614-0360	Fan motor
18614-0321	Fan blade
18612-0020	Heat element
18600-0016	Thermostat
18608-0013	Thermostat knob
18601-1185	Indicating light
18605-0018	208 volt power cord
18617-0130	5/8" strain relief grommet
18617-0100	5/8" snap bushing



FH90 HEATER COMPONENTS 230V, 2507W, 10.9A

Part Number	Description
FH90-0016B	FH-90 (heater unit 230 volts)
16502-6157	Motor cover
16502-5631	Aluminum handle
18617-0850	Handle spacer
18614-0360	Fan motor
18614-0321	Fan blade
18612-0020	Heat element 230 volts, 2400 watts
18600-0085	Thermostat
18608-0014	Thermostat knob
18601-1185	Indicating light
18605-0200	230 volt power cord
18617-0130	5/8" strain relief grommet
18617-0100	5/8" snap bushing



CAUTION: Use only (OEM) original equipment manufacturer replacement parts. Using unauthorized parts may cause serious injury or damage to the cabinet. Replacement parts should be installed by a qualified service technician.

Contact Carter-Hoffmann with your model and serial number for replacement parts.

Call: 800-323-9793 or email:
Service@Carter-Hoffmann.com

WARRANTY

Carter-Hoffmann Warranty:

Carter-Hoffmann (“CARTER-HOFFMANN”) warrants to the initial purchaser of its standard Carter Line Products that CARTER-HOFFMANN will, at its option, repair or replace, during the warranty period set forth below, any part of such products made necessary due to a defect in material or workmanship which is present when the product leaves its factory and which manifests itself during the warranty period under normal use and service.

*This warranty applies only to original equipment owned and possessed by the initial purchaser and the warranty period begins on the date of original shipment from the CARTER-HOFFMANN factory and extends as follows: **to component parts and labor for 12 months; to refrigeration compressor unit for one year** (limited to replacement only - not to include labor for removal, repair or replacement).*

Repair or replacements under this warranty will be performed, unless otherwise authorized in writing by CARTER-HOFFMANN, at its factory. All parts or components to be repaired or replaced under this warranty are to be shipped prepaid to CARTER-HOFFMANN, with reimbursement credit for such part or component to be given if found by CARTER-HOFFMANN to be defective.

CARTER-HOFFMANN neither makes nor assumes and does not authorize any other person to make or assume any obligation or liability in connection with its products other than that covered in this warranty. This warranty applies only within the continental United States and Canada. In Alaska and Hawaii, this warranty applies only to and is limited to the supply of replacement parts.

Warranty Exclusions and Limitations:

Any implied warranty of merchantability or fitness for a particular purpose is hereby specifically disclaimed by CARTER-HOFFMANN. There are no warranties, expressed or implied, which extend beyond the description on the face hereof. This warranty does not cover and CARTER-HOFFMANN shall not under any circumstances be liable for any incidental, consequential or other damages (such as injury to persons or property, loss of time, inconvenience, loss of business or profits, or other matters not specifically covered) arising in connection with the use of, inability to use, or failure of these products.

Specifications subject to change through product improvement and innovation.

Carter-Hoffmann

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