



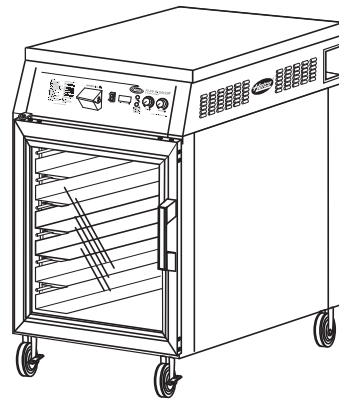
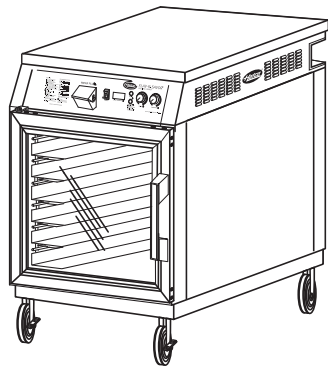
FLAV-R-SAVOR®

Portable Holding Cabinets

FSHC-6W and FSHC-7 Series

Installation and Operating Manual

I&W #07.05.152.00



This manual contains important safety information concerning the maintenance, use and operation of this product. Failure to follow the instructions contained in this manual may result in serious injury. If you're unable to understand the contents of this manual, please bring it to the attention of your supervisor. Do not operate this equipment unless you have read and understood the contents of this manual.

Este manual contiene importante información sobre seguridad concerniente al mantenimiento, uso y operación de este producto. Cualquier falla en el seguimiento de las instrucciones contenidas en este manual puede resultar en un serio daño. Si usted no puede entender el contenido de este manual por favor pregunte a su supervisor. No opere este equipo al menos que haya leído y comprendido el contenido de este manual.

CONTENTS

Important Owner Information	i	Installation	6
Introduction	i	All Models	6
Important Safety Information	1	Location	7
Model Description	3	Reversible Access Door.....	7
All Models	3	Operation	9
Model FSHC-6W-1	3	Food Holding Guide.....	10
Model FSHC-6W-2	3	Maintenance	11
Model FSHC-7-1.....	3	General	11
Model FSHC-7-2.....	3	Draining The Reservoir	11
Specifications	4	Removing Lime & Mineral Deposits	12
Electrical Rating Chart.....	4	Accessories	13
Plug Configurations	4	Troubleshooting	14
Dimensions	5	Hatco Limited Warranty	15
		Authorized Parts Distributors	Back Cover

IMPORTANT OWNER INFORMATION

Record the model number, serial number (located on the back of the unit), voltage and purchase date of your Flav-R-Savor® Portable Holding Cabinet in the spaces provided. Please have this information available when calling Hatco for service assistance.

Model No. _____

Serial No. _____

Voltage _____

Date of Purchase _____

Business Hours: 8:00 a.m. to 5:00 p.m.
Central Standard Time

(Summer Hours: June to September –
8:00 a.m. to 5:00 p.m. C.D.T.
Monday through Thursday
8:00 a.m. to 2:30 p.m. C.D.T. Friday)

Telephone: (800) 558-0607; (414) 671-6350

Fax: (800) 690-2966 (Parts & Service)
(414) 671-3976 (International)



24 Hour 7 Day Parts & Service
Assistance available in the
United States and Canada
by calling (800) 558-0607.

Additional information can be found by visiting our
web site at www.hatcocorp.com.

INTRODUCTION

Hatco Flav-R-Savor Portable Holding Cabinets are designed to hold prepared foods for prolonged periods of time while maintaining that “just-made” quality.

Hatco Holding Cabinets provide the best environment for food products by regulating the air temperature while at the same time balancing the humidity level.

Flav-R-Savor air flow pattern is designed to maintain consistent cabinet temperature without drying out foods. The precise combination of heat and humidity creates a “blanket” effect around the food. The air flow rate enables the cabinet to rapidly recover temperature after opening and closing the door.

The use of controlled moisturized heat maintains serving temperature and texture longer than conventional dry holding equipment.

This manual provides the installation, safety and operating information for the Flav-R-Savor Portable Holding Cabinet. We recommend all installation, operating and safety information appearing in this manual be read prior to installation or operation of your Hatco Holding Cabinet. Safety information that appear in this manual after a warning symbol and the words **WARNING** or **CAUTION** printed in bold face are very important. **WARNING** means there is the possibility of serious personal injury or death to yourself or others. **CAUTION** means there is the possibility of minor or moderate injury. **NOTICE** signifies the possibility of equipment or property damage only.

Your Hatco Flav-R-Savor Portable Holding Cabinet is a product of extensive research and field testing. The materials used were selected for maximum durability, attractive appearance and optimum performance. Every unit is thoroughly inspected and tested prior to shipment.

IMPORTANT SAFETY INFORMATION




IMPORTANT! Read the following important safety information to avoid personal injury or death, and to avoid damage to the equipment or property.

⚠ WARNINGS

- ⚠ Plug unit into a properly grounded electrical outlet of the correct voltage, size and plug configuration. If the plug and receptacle do not match, contact a qualified electrician to determine the proper voltage and size and install the proper electrical outlet.**
- ⚠ To avoid any injury, turn the power switch OFF, unplug the unit from the power source and allow to cool completely before performing any maintenance or cleaning.**
- ⚠ For safe and proper operation, the unit must be located a minimum of 1" (25 mm) from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.**
- ⚠ Overfilling can cause electrical shock. Stop filling when Low Water light goes off.**
- ⚠ To avoid any injury, turn the power OFF to the unit and allow to cool before draining.**
- ⚠ To prevent any injury or damage to the unit do not pull unit by power cord.**
- ⚠ To prevent any injury, discontinue use if power cord is frayed or worn.**
- ⚠ To avoid electrical shock or personal injury, do not steam clean or use excessive water on the unit.**
- ⚠ Some exterior surfaces on the Holding Cabinet will get hot. Use caution when touching these areas to avoid injury.**
- ⚠ The unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.**
- ⚠ ELECTRIC SHOCK HAZARD: Turn the power switch OFF, unplug the power cord, and allow the unit to cool before performing any maintenance or cleaning.**
- ⚠ Hatco corporation is not responsible for the actual food product serving temperature. It is the responsibility of the user to assure that the food product is held and served at a safe temperature.**
- ⚠ If service is required on this unit, contact your Authorized Hatco Service Agent, or contact the Hatco Service Department at 800-558-0607 or 414-671-6350; fax 800-690-2966 or International fax 414-671-3976.**
- ⚠ This product has no "user" serviceable parts. To avoid damage to the unit or injury to personnel, use only Authorized Hatco Service Agents and Genuine Hatco Parts when service is required.**
- ⚠ Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment. It is essential to use Hatco Replacement Parts when repairing Hatco equipment. Failure to use Hatco Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.**

IMPORTANT SAFETY INFORMATION

CAUTIONS

-  To avoid any injury or damage locate the Holding Cabinet at the proper counter height, in an area that is convenient for use. The location should be level to prevent the unit or its contents from accidentally falling, and strong enough to support the weight of the unit and food.
-  Unit is not weatherproof. For safe and proper operation locate the unit indoors where the ambient air temperature is constant and is a minimum of 70°F (21°C).
-  The unit must be transported in an upright position. If laid on its side, the water must be drained from the unit.

NOTICES

Water Quality Requirements - Incoming water in excess of 3.0 grains of hardness per gallon (GPG) (.75 grains of hardness per liter) must be treated and softened before being used. Water containing over 3.0 GPG (.75 GPL) will decrease the efficiency and reduce the operating life of the unit.

NOTE: Product failure caused by liming or sediment buildup is not covered under warranty.

Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your unit marring its appearance and making it susceptible to soil accumulation.

Do not use deionized water. Deionized water will greatly shorten the life of the water reservoir and water heating element.

MODEL DESCRIPTION

ALL MODELS

Flav-R-Savor® Portable Holding Cabinets are made of sturdy stainless steel and powdercoat painted top, sides and back. Features include thermostatically controlled heat and humidity, a digital temperature readout and a large aluminum framed tempered glass door or insulated stainless steel door. The access door can be hinged left or right. Electrical components, controls and water reservoir are easily accessible. Units are made portable by installing swivel casters with wheel locks. Attached six foot (1829 mm) power cord and plug is standard.

MODEL FSHC-6W-1*

The FSHC-6W-1 is a single door model made to fit under lower work counters. Stainless steel angle slides are included which will accommodate six 18" x 26" (457 x 660 mm) sheet pans on 3" (76 mm) centers, eleven 18" x 26" (457 x 660 mm) sheet pans on 1-1/2" (38 mm) centers or twelve 12" x 20" (305 x 508 mm) food pans (six 1/2 Gastronorm pans on 3" (76 mm) centers, or eleven 1/2 Gastronorm pans on 1-1/2" (38 mm) centers).

* Model FSHC-6W-1 has earned the Energy Star®.

NOTE: Products that earn the ENERGY STAR® prevent greenhouse gas emissions by meeting strict energy efficient guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.

MODEL FSHC-6W-2

The FSHC-6W-2 has all the features of the FSHC-6W-1 and is also equipped with two doors for pass through operation.

MODEL FSHC-7-1*

The FSHC-7-1 is a standard single door model. Stainless steel angle slides are included which will accommodate seven 12" x 20" (305 x 508 mm) food pans or 18" x 26" (457 x 660 mm) sheet pans on 3" (76 mm) centers.

* Model FSHC-7-1 has earned the Energy Star®.

NOTE: Products that earn the ENERGY STAR® prevent greenhouse gas emissions by meeting strict energy efficient guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.



Figure 1. Model FSHC-6W-1

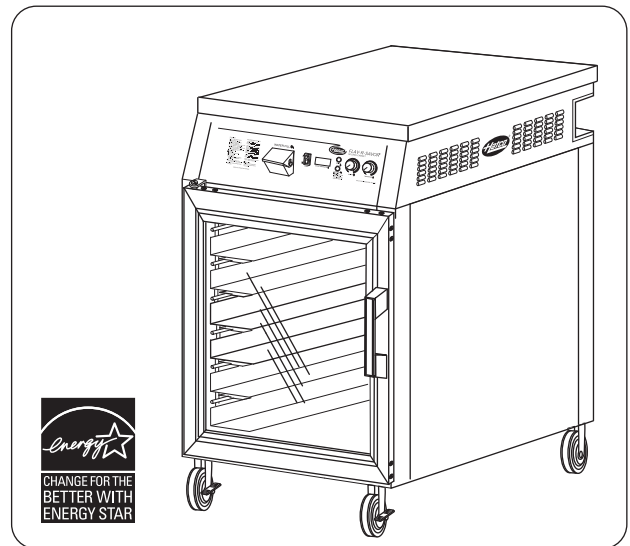




Figure 2. Model FSHC-7-1

MODEL FSHC-7-2

The FSHC-7-2 has all the features of the FSHC-7-1 and is also equipped with two doors for pass through operation.

SPECIFICATIONS

ELECTRICAL RATING CHART

Model	Voltage	Hertz	Watts	Amps	Plug Configuration	Shipping Weight
FSHC-6W-1 	120	60	1697	14.1	NEMA 5-15P*	175 lbs. (79 kg)
	220	50	1697	7.7	CEE 7/7 Schuko	175 lbs. (79 kg)
	240	50	1697	7.1	BS-1363	175 lbs. (79 kg)
	240	50	1697	7.1	AS-3112	175 lbs. (79 kg)
	220-230 (CE)	50	1697	7.1	CEE 7/7 Schuko	175 lbs. (79 kg)
	230-240 (CE)	50	1697	7.1	BS-1363	175 lbs. (79 kg)
FSHC-6W-2	120	60	1697	14.1	NEMA 5-15P*	179 lbs. (81 kg)
	220	50	1697	7.7	CEE 7/7 Schuko	179 lbs. (81 kg)
	240	50	1697	7.1	BS-1363	179 lbs. (81 kg)
	240	50	1697	7.1	AS-3112	179 lbs. (81 kg)
	220-230 (CE)	50	1697	7.7	CEE 7/7 Schuko	179 lbs. (81 kg)
	230-240 (CE)	50	1697	7.1	BS-1363	179 lbs. (81 kg)
FSHC-7-1 	120	60	1697	14.1	NEMA 5-15P*	168 lbs. (76 kg)
	220	50	1697	7.7	CEE 7/7 Schuko	168 lbs. (76 kg)
	240	50	1697	7.1	BS-1363	168 lbs. (76 kg)
	240	50	1697	7.1	AS-3112	168 lbs. (76 kg)
	220-230 (CE)	50	1697	7.7	CEE 7/7 Schuko	168 lbs. (76 kg)
	230-240 (CE)	50	1697	7.1	BS-1363	168 lbs. (76 kg)
FSHC-7-2	120	60	1697	14.1	NEMA 5-15P*	172 lbs. (78 kg)
	220	50	1697	7.7	CEE 7/7 Schuko	172 lbs. (78 kg)
	240	50	1697	7.1	BS-1363	172 lbs. (78 kg)
	240	50	1697	7.1	AS-3112	172 lbs. (78 kg)
	220-230 (CE)	50	1697	7.7	CEE 7/7 Schuko	172 lbs. (78 kg)
	230-240 (CE)	50	1697	7.1	BS-1363	172 lbs. (78 kg)

* NEMA 5-20P for Canada

The electrical information in the shaded areas pertains to **Export models only**.

PLUG CONFIGURATIONS

Units are supplied from the factory with an electrical cord and plug installed. Plugs are supplied according to the applications as shown in Figure 3.

WARNING

Plug unit into a properly grounded electrical outlet of the correct voltage, size and plug configuration. If the plug and receptacle do not match, contact a qualified electrician to determine the proper voltage and size and install the proper electrical outlet.

WARNING

To prevent any injury or damage to the unit do not pull unit by power cord.

WARNING

To prevent any injury, discontinue use if power cord is frayed or worn.

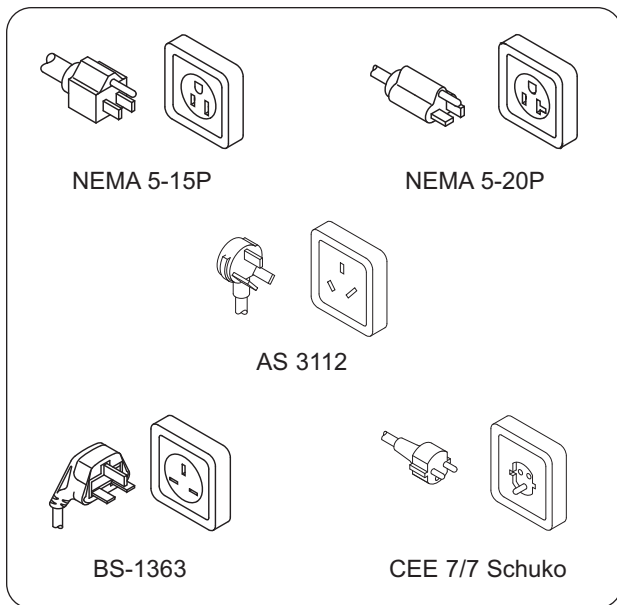


Figure 3. Plug Configurations

SPECIFICATIONS

DIMENSIONS

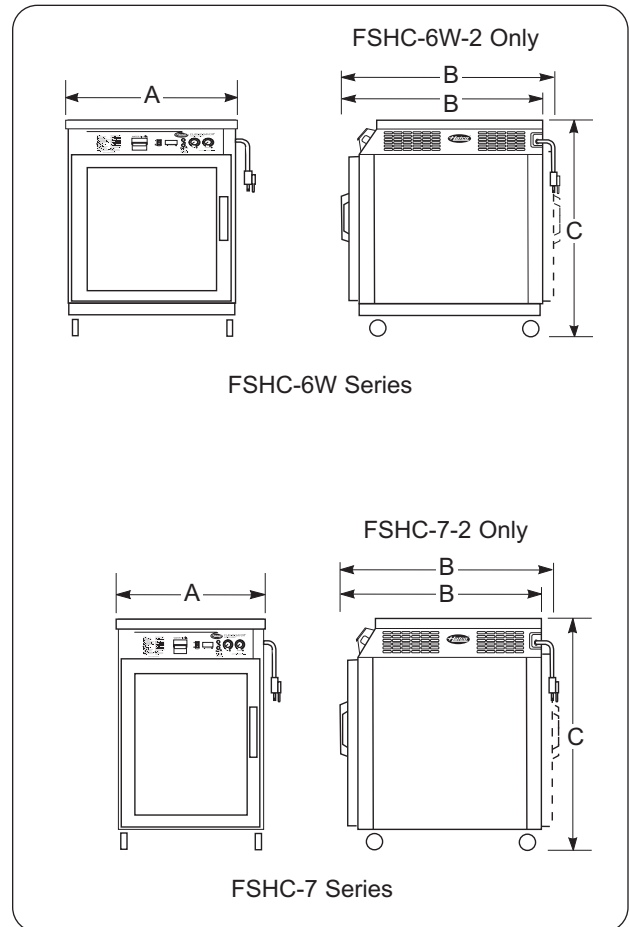
Model	Width (A)	Depth (B)	Height† (C)
FSHC-6W-1	25-3/8" (645 mm)	29-1/2" (749 mm)	32-1/8" (816 mm)
FSHC-6W-2	25-3/8" (645 mm)	32" (813 mm)	32-1/8" (816 mm)
Top Surface: 25-3/8"W x 25-7/8"D (645 x 657 mm) Cabinet Opening: 20-7/8"W x 19"H (530 x 483 mm)			

Model	Width (A)	Depth (B)	Height* (C)
FSHC-7-1	22-3/4" (578 mm)	29-1/2" (749 mm)	35-1/8" (892 mm)
FSHC-7-2	22-3/4" (578 mm)	32" (813 mm)	35-1/8" (892 mm)
Top Surface: 22-3/4"W x 25-7/8"D (578 x 657 mm) Cabinet Opening: 18-1/4"W x 22-1/8"H (464 x 562 mm)			

† Includes 4" (102 mm) diameter casters; height is 29-3/4" (756 mm) with low profile casters installed.

* Includes 4" (102 mm) diameter casters; height is 32-3/4" (832 mm) with low profile casters installed; height is 34" (864 mm) with 4" (102 mm) legs installed; height is 36" (915 mm) with 6" (152 mm) legs installed.

NOTE: FSHC-6W-2 and FSHC-7-2 are two door pass-through cabinets, not two units stacked.



INSTALLATION

ALL MODELS

The Flav-R-Savor® Portable Holding Cabinets are shipped with most components installed and ready for operation. The following installation instructions must be performed before plugging in and operating the cabinet.

1. Remove unit from box.
2. Remove information packet. **To prevent delay in obtaining warranty coverage, fill out and mail in the warranty card.**
3. Remove tape and protective packaging from all surfaces of unit. Remove Rack Slide Assembly.
4. Install the handle(s) to the access door(s). (See Figure 4.)

NOTE: On FSHC-6W series, install handle using the two upper most mounting holes.

5. Carefully lay the unit on its side. Thread one leg or mount caster using hardware provided onto the cabinet bottom and tighten securely. (See Figure 4.) Return cabinet to the upright position.

NOTE: Place a piece of cardboard between the cabinet and floor to prevent marring the cabinet finish.

6. Unpack the adjustable steel rack slides from the carton, and install them to the rack as shown in Figure 4. Make sure the bottom shoe of each rack faces outward.

NOTE: If installing the optional Stacking Kit, see ACCESSORIES for installation instructions.

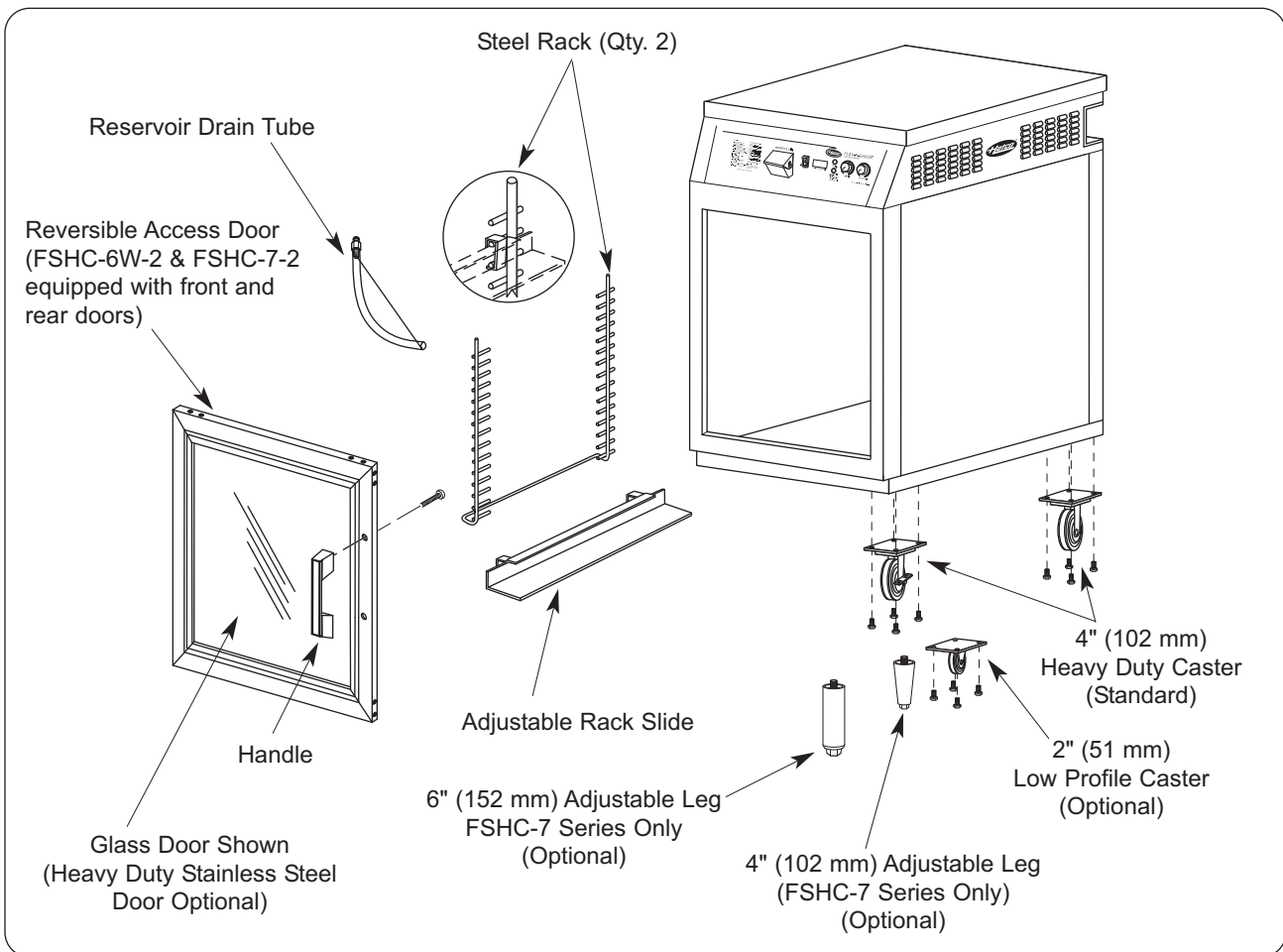


Figure 4. FSHC -6W & -7 Series

LOCATION

NOTE: The unit must be transported in the upright position. If laid on its side, water must be drained from the unit. See DRAINING THE RESERVOIR in the MAINTENANCE section.

⚠ WARNING

For safe and proper operation, the unit must be located a minimum of 1" (25 mm) from combustible walls and materials. If safe distances are not maintained, discoloration or combustion could occur.

⚠ CAUTION

To avoid any injury or damage locate the Holding Cabinet at the proper counter height, in an area that is convenient for use. The location should be level to prevent the unit or its contents from accidentally falling, and strong enough to support the weight of the unit and food.

⚠ CAUTION

Unit is not weatherproof. For safe and proper operation locate the unit indoors where the ambient air temperature is constant and is a minimum of 70°F (21°C).

⚠ CAUTION

The unit must be transported in an upright position. If laid on its side, the water must be drained from the unit.

REVERSIBLE ACCESS DOOR

Doors are shipped from the factory mounted on the cabinet left side, opening from the right. Doors can be reversed to open from the left, as follows:

Glass Door

1. Remove screws securing door to hinges. (See Figure 5.)
2. Remove the screws securing hinges to cabinet.
3. Remove screw plugs from right side of cabinet and insert in left side.
4. Rotate the door 180° and install on the right side using the original mounting hardware.

NOTE: A nylon washer must be reinstalled between door and hinge on the top and bottom.

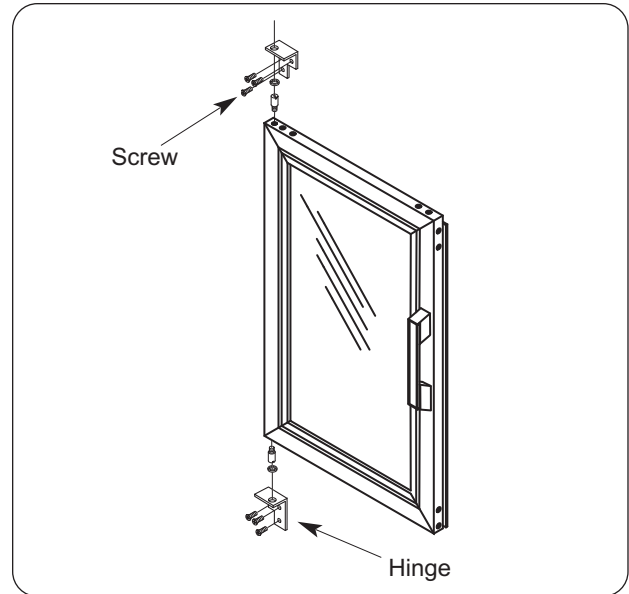


Figure 5. Reversible Access Door - Glass Door

INSTALLATION

Stainless Steel Door (Optional on FSHC-6W Series Only)

The optional stainless steel door is not available for retrofit.

1. Slide hinge covers off of edgemount hinges.
(See Figure 6.)

NOTE: Hinges remain mounted to the stainless steel door.

2. Remove the screws securing the chrome handle to the door.
3. Remove the screws securing the strike plate to the cabinet.
4. Remove screw plugs from the right side of the cabinet and insert in left side.
5. Rotate the door 180° and install on the right side of cabinet using the original hardware.
6. Secure strike plate on the right side using the original hardware.
8. Secure handle to the door in the upright position using the original hardware.
9. Slide hinge covers back into place on the hinges.

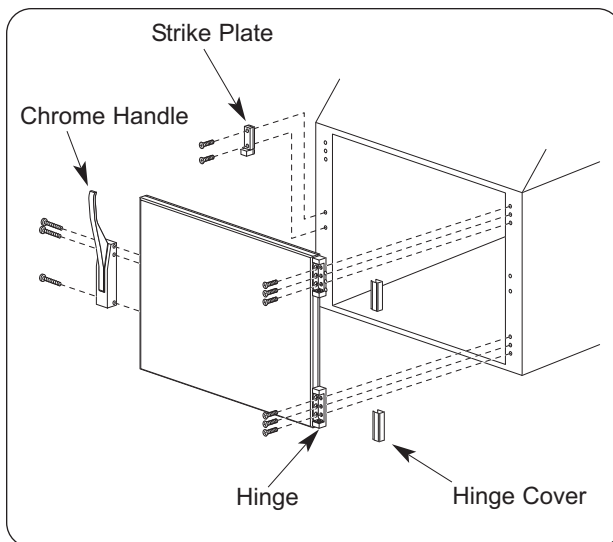


Figure 6. Reversible Access Door - Stainless Steel Door
(Optional on FSHC-6W series only)

OPERATION

1. Plug unit into a properly grounded electrical outlet of the correct voltage, size and plug configuration. See *SPECIFICATIONS* for details.
2. Turn the Power Switch on the control panel to the ON position. The Humidity Cycle and Low Water indicators will light up at this time. (See Figure 7.)
3. Fill the water reservoir with **softened** or **distilled** water. To fill the reservoir, lift the fill cup cover up and pull forward. Slowly pour the water into the cup until the red Low Water Indicator Light goes off. Use of softened or distilled water is recommended to preserve the life of the electrical and mechanical components in the reservoir. **Do not** use deionized water. If "hard" water is used, the reservoir will require periodic cleaning and deliming. See *MAINTENANCE* for deliming instructions.

⚠ WARNING

Overfilling can cause electrical shock. Stop filling when Low Water light goes off.

NOTICE

Water Quality Requirements - Incoming water in excess of 3.0 grains of hardness per gallon (GPG) (.75 grains of hardness per liter) must be treated and softened before being used. Water containing over 3.0 GPG (.75 GPL) will decrease the efficiency and reduce the operating life of the unit.

NOTE: Product failure caused by liming or sediment buildup is not covered under warranty.

NOTICE

Do not use deionized water. Deionized water will greatly shorten the life of the water reservoir and water heating element.

NOTE: Product failure caused by deionized water is not covered by warranty.

⚠ WARNING

Some exterior surfaces on the Holding Cabinet will get hot. Use caution when touching these areas to avoid injury.

NOTE: On the initial fill, the water reservoir capacity is one gallon (3.8 liters).

4. Set the Humidity Control and Temperature Control to the desired level. See the *FOOD HOLDING GUIDE* for recommendations.

NOTE: Temperature and humidity settings may vary depending upon product make-up and consistency. The cabinet temperature indicator displays the lowest temperature point inside the cabinet, not the product temperature.

5. Allow 30 minutes to preheat a full reservoir of water. The green Humidity Cycle Indicator Light will go out when the interior of the cabinet has reached the selected humidity setting. The Flav-R-Savor® cabinet is then ready to hold foods at the humidity and temperature selected.

The reservoir capacity permits uninterrupted operation for approximately 4-8 hours, depending on the settings and how frequently the door is opened. When the red Low Water Indicator is lit, add water to the reservoir. The water reservoir refill capacity is approximately 48 ounces (1.5 liters)

NOTE: FSHC-7 Series units can be factory equipped with an optional audible Low Water alarm. Add water to the reservoir until the alarm shuts off.

⚠ WARNING

Hatco corporation is not responsible for the actual food product serving temperature. It is the responsibility of the user to assure that the food product is held and served at a safe temperature.

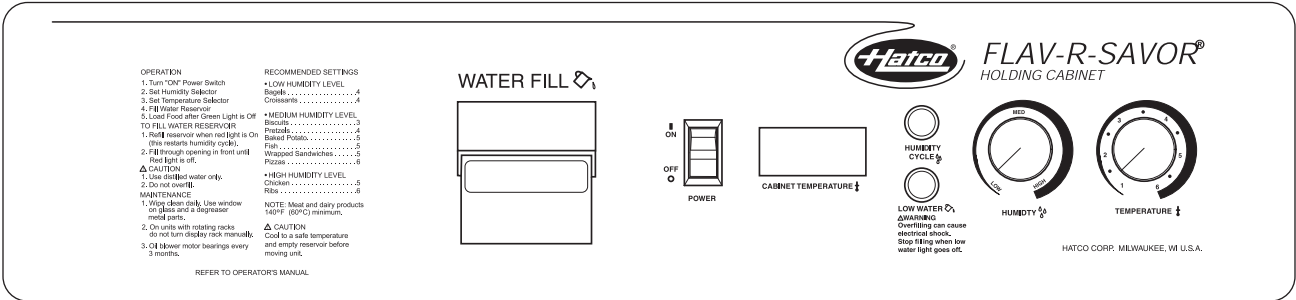


Figure 7. Control Panel

OPERATION

FOOD HOLDING GUIDE

Type of Food	Maximum Holding Time	Humidity Setting	Temperature		
			Setting	°F	°C
Bagels	3 Hours	Low	4	140	60
Biscuits	2 Hours	Medium	3	130	54
Chicken - Parts	5 Hours	High	5	175	79
Chicken - Whole	2 Hours	High	5.5	180	82
Croissants	3 Hours	Low	4	140	60
Fish	1 Hour	Medium	5.5	180	82
Frankfurters	2 Hours	High	6	185	85
Fruit Pies	3.5 Hours	Medium	4	140	60
Hot Dogs (Appetizers)	4 Hours	High	5	175	79
Onion Rings	1 Hour	Low	4	140	60
Pizza	1 Hour	Medium	6	185	85
Pretzels	3 Hours	Medium	4	140	60
Ribs	2 Hours	High	6	185	85
Wrapped Sandwiches	2 Hours	Medium	4.5	160	71

NOTE: All times and settings are recommendations only and may vary depending on product preparation, cooking time and internal food temperature.

GENERAL

Hatco Flav-R-Savor® Portable Holding Cabinets are designed for maximum durability and performance, with minimum maintenance.

⚠ WARNING

To avoid any injury, turn the power switch OFF, unplug the unit from the power source and allow to cool completely before performing any maintenance or cleaning.

⚠ WARNING

To prevent any injury, discontinue use if power cord is frayed or worn.

CLEANING

To preserve the bright finish of the Flav-R-Savor Portable Holding Cabinet, it is recommended that the exterior and interior surfaces be wiped daily with a damp cloth. Food pans should be removed and washed. Stubborn stains may be removed with a good stainless steel cleaner or a non-abrasive cleaner. Hard-to-reach areas should be cleaned with a small brush and mild soap.

⚠ WARNING

To avoid electrical shock or personal injury, do not steam clean or use excessive water on the unit.

NOTICE

Use only non-abrasive cleaners. Abrasive cleaners could scratch the finish of your unit cabinet marring its appearance and making it susceptible to soil accumulation.

Clean the glass door using a common glass cleaner.

NOTE: FSHC-6W & FSHC-7 series blower motor is permanently lubricated and requires no maintenance.

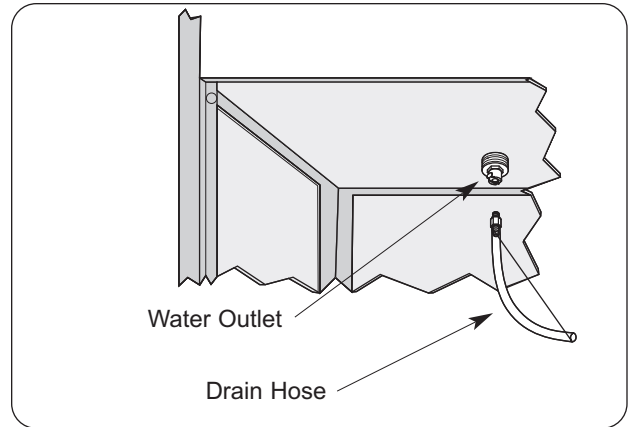


Figure 8. Draining Reservoir

DRAINING THE RESERVOIR

⚠ WARNING

To avoid any injury, turn the power to the unit OFF and allow to cool before draining.

It is recommended that the Flav-R-Savor water reservoir be drained prior to moving the cabinet and after removing lime or mineral deposits from the water reservoir.

NOTE: The drain hose assembly is located in the corner of the cabinet inside the door.

NOTE: Position a container to hold the water while draining.

1. Insert the drain hose fitting into the water outlet, located on the ceiling of the cabinet. (See Figure 8.) Once the fitting is installed, water will begin to drain from the hose.
2. Once the unit has finished draining, the drain tube assembly can be removed by pressing the release tab and gently pulling the fitting out.
3. Place the drain tube back into the holding clip inside the door.

MAINTENANCE

REMOVING LIME & MINERAL DEPOSITS

NOTICE

Water Quality Requirements - Incoming water in excess of 3.0 grains of hardness per gallon (GPG) (.75 grains of hardness per liter) must be treated and softened before being used. Water containing over 3.0 GPG (.75 GPL) will decrease the efficiency and reduce the operating life of the unit.

NOTE: Product failure caused by liming or sediment buildup is not covered under warranty.

NOTE: If the water used has an excessive amount of lime or mineral content, follow the instructions listed below for periodic cleaning and deliming of the water reservoir.

1. Turn the power switch off and unplug the unit from its power source.
2. After the unit has cooled down, drain all remaining water out of the unit. See *DRAINING THE RESERVOIR*.
3. Fill the unit with a mixture of 75% water and 25% off-the-shelf vinegar, (approximately one gallon).
4. Turn the power switch ON and allow the unit to heat up to the operating temperature of 170-180°F (77-82°C). Run the unit at this temperature for 1-2 hours.
5. Allow the unit to stand with the mixture in the reservoir for a minimum of 4 hours. (Preferably overnite.)
6. After the deliming period, drain the vinegar and water from the tank.
7. Continue to fill and drain the unit with water only, until the discharge is clear and all deliming solution has been removed and rinsed.
8. Plug the cabinet power cord into its power source and fill the unit as usual for daily operation.

NOTE: How often this procedure must be performed depends on the lime and mineral content of the water used for daily operation.

WARNING

If service is required on this unit, contact your Authorized Hatco Service Agent, or contact the Hatco Service Department at 800-558-0607 or 414-671-6350; fax 800-690-2966 or International fax 414-671-3976.

WARNING

This product has no “user” serviceable parts. To avoid damage to the unit or injury to personnel, use only Authorized Hatco Service Agents and Genuine Hatco Parts when service is required.

WARNING

Genuine Hatco Replacement Parts are specified to operate safely in the environments in which they are used. Some aftermarket or generic replacement parts do not have the characteristics that will allow them to operate safely in Hatco equipment. It is essential to use Hatco Replacement Parts when repairing Hatco equipment. Failure to use Hatco Replacement Parts may subject operators of the equipment to hazardous electrical voltage, resulting in electrical shock or burn.

STACKING KIT

A special stacking bracket is available for stacking one FSHC-7 unit on top of another FSHC-7 unit or one FSHC-6W unit on top of another FSHC-6W unit. The stacking hardware secures the top unit to the bottom unit.

1. Carefully lay top unit upside down.

NOTE: Place a piece of cardboard between the cabinet and floor to prevent marring the cabinet finish.

2. Attach stacking bracket to underside of top unit using hardware supplied. (See Figure 9.)
3. Carefully place the top unit (at least two people required) onto the bottom unit.
4. Secure two units by installing two screws on the rear of the unit through the stacking bracket and into the holes on the back of the bottom unit. (See Figure 9.)

STAINLESS STEEL DOOR

(FSHC-6W Series Only)

The optional heavy duty stainless steel door is not available for retrofit. (See Figure 10.)

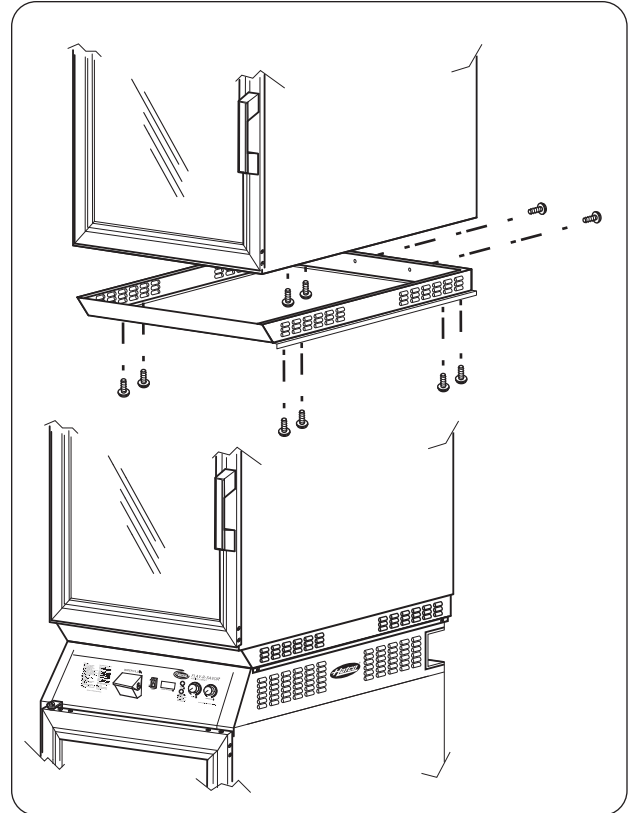


Figure 9. Stacking Kit

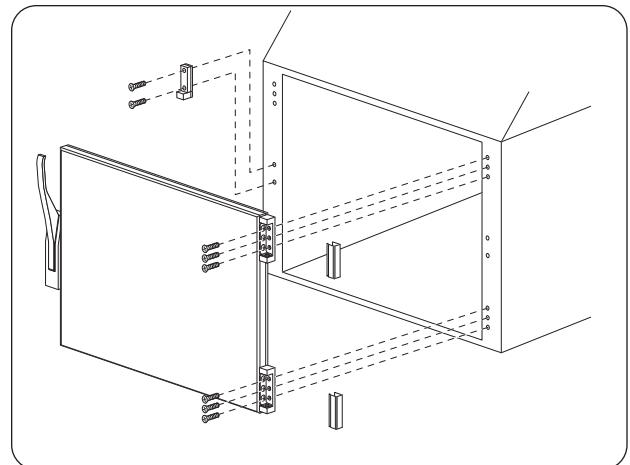


Figure 10. Stainless Steel Door

TROUBLESHOOTING

⚠ WARNING

This unit must be serviced by qualified personnel only. Service by unqualified personnel may lead to electric shock or burn.

⚠ WARNING

ELECTRIC SHOCK HAZARD: Turn the power switch OFF, unplug the power cord, and allow the unit to cool before performing any maintenance or cleaning.

SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
Unit is plugged in, but does not power on.	Unit not turned on.	Move Power On/Off switch to the on position.
	Power On/Off switch defective.	Contact Authorized Service Agent or Hatco for assistance.
	Electrical receptacle is defective.	Check outlet and verify power supply matches specification tag on unit.
	Tripped circuit breaker.	Check circuit breaker and reset if tripped.
	Internal electrical defect.	Contact Authorized Service Agent or Hatco for assistance.
Unit operates correctly, but does not display cabinet temperature.	Temperature indicating device is defective.	Contact Authorized Service Agent or Hatco for assistance.
Unit operates, but is not circulating air inside cabinet.	Blower motor is defective.	Contact Authorized Service Agent or Hatco for assistance.
Unit is not producing any "hot air" inside cabinet.	Air heating element or blower motor is defective.	Contact Authorized Service Agent or Hatco for assistance.
Unit is producing very erratic air temperatures inside cabinet.	Air thermostat control is defective.	Contact Authorized Service Agent or Hatco for assistance.
	Air down tube is not connected.	Reconnect air down tube.
Unit is heating, but is not producing humidity inside cabinet. Low water light is OFF, but unit is full of water.	Water heating element is defective.	Contact Authorized Service Agent or Hatco for assistance.
	Humidity thermostat control is set too low.	Adjust humidity control to higher setting.
	Humidity thermostat control system is defective.	Contact Authorized Service Agent or Hatco for assistance.
Unit is heating, but is not producing humidity inside cabinet. Low water light is ON, but unit is full of water.	Float switch inside water reservoir is limed up or dirty.	Clean/Delime water reservoir per instructions in Operations Manual.
	Low water control system is defective.	Contact Authorized Service Agent or Hatco for assistance.

HATCO LIMITED WARRANTY

1. PRODUCT WARRANTY

Hatco warrants the products that it manufactures (the "Products") to be free from defects in materials and workmanship, under normal use and service, for a period of one (1) year from the date of purchase when installed and maintained in accordance with Hatco's written instructions or 18 months from the date of shipment from Hatco. Buyer must establish the Product's purchase date by returning Hatco's Warranty Registration Card or by other means satisfactory to Hatco in its sole discretion.

Hatco warrants the following Product components to be free from defects in materials and workmanship from the date of purchase (subject to the foregoing conditions) for the period(s) of time and on the conditions listed below:

a) One (1) Year Parts and Labor PLUS One (1) Additional Year Parts-Only Warranty:

Conveyor Toaster Elements (metal sheathed)
Drawer Warmer Elements (metal sheathed)
Drawer Warmer Drawer Rollers and Slides
Food Warmer Elements (metal sheathed)
Display Warmer Elements (metal sheathed air heating)
Holding Cabinet Elements (metal sheathed air heating)
Built-In Heated Well Elements
(metal sheathed)

b) One (1) Year Parts and Labor PLUS Four (4) Years Parts-Only Warranty on pro-rated terms that Hatco will explain at Buyer's request:

3CS and FR Tanks

c) One (1) Year Parts and Labor PLUS Nine (9) Years Parts-Only Warranty on:

Electric Booster Heater Tanks
Gas Booster Heater Tanks

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT INFRINGEMENT. Without limiting the generality of the foregoing, SUCH WARRANTIES DO NOT COVER: Coated incandescent light bulbs, fluorescent lights, decorative heat lamp bulbs, coated halogen light bulbs, halogen heat lamp bulbs, heated glass shelves, glass components, fuses, Product failure in booster tank, fin tube heat exchanger, or other water heating equipment caused by liming, sediment buildup, chemical attack or freezing, Product misuse, tampering or misapplication, improper installation, or application of improper voltage.

2. LIMITATION OF REMEDIES AND DAMAGES

Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely, at Hatco's option, to repair or replacement by a Hatco-authorized service agency (other than where Buyer is located outside of the United States, Canada, United Kingdom or Australia in which case Hatco's liability and Buyer's exclusive remedy hereunder will be limited solely to replacement of part under warranty) with respect to any claim made within the applicable warranty period referred to above. Hatco reserves the right to accept or reject any such claim in whole or in part. Hatco will not accept the return of any Product without prior written approval from Hatco, and all such approved returns shall be made at Buyer's sole expense. HATCO WILL NOT BE LIABLE, UNDER ANY CIRCUMSTANCES, FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO LABOR COSTS OR LOST PROFITS RESULTING FROM THE USE OF OR INABILITY TO USE THE PRODUCTS OR FROM THE PRODUCTS BEING INCORPORATED IN OR BECOMING A COMPONENT OF ANY OTHER PRODUCT OR GOODS.

HATCO AUTHORIZED PARTS DISTRIBUTORS

ALABAMA

Jones McLeod Appl. Svc.
Birmingham 205-251-0159

ARIZONA

Auth. Comm. Food Equip.
Phoenix 602-234-2443

Byassee Equipment Co.
Phoenix 602-252-0402

CALIFORNIA

Industrial Electric
Commercial Parts & Service, Inc.
Huntington Beach 714-379-7100

Chapman Appl. Service
San Diego 619-298-7106

P & D Appliance
Commercial Parts & Service, Inc.
S. San Francisco 650-635-1900

COLORADO

Hawkins Commercial Appliance
Englewood 303-781-5548

FLORIDA

Whaley Foodservice Repair
Jacksonville 904-725-7800

Nass Service Co., Inc.
Orlando 407-425-2681

B.G.S.I.
Pompano Beach 954-971-0456

Comm. Appliance Service
Tampa 813-663-0313

GEORGIA

TWC Services
Smyrna 770-438-9797

Heritage Service Group
Norcross 866-388-9837

Southeastern Rest. Svc.
Norcross 770-446-6177

HAWAII

Burney's Comm. Service, Inc.
Honolulu 808-848-1466

Food Equip Parts & Service
Honolulu 808-847-4871

ILLINOIS

Parts Town
Lombard 708-865-7278

Eichenauer Elec. Service
Decatur 217-429-4229

Midwest Elec. Appl. Service
Elmhurst 630-279-8000

Cone's Repair Service
Moline 309-797-5323

INDIANA

GCS Service
Indianapolis 317-545-9655

IOWA

Electric Motor Service Co.
Davenport 319-323-1823

Goodwin Tucker Group
Des Moines 515-262-9308

KENTUCKY

Certified Service Center
Lexington 859-254-8854

Certified Service Center
Louisville 502-964-7007

LOUISIANA

Chandlers Parts & Service
Baton Rouge 225-272-6620

MARYLAND

Electric Motor Service
Baltimore 410-467-8080

GCS Service
Silver Spring 301-585-7550

MASSACHUSETTS

Ace Service Co., Inc.
Needham 781-449-4220

MICHIGAN

Commercial Kitchen Service
Bay City 517-893-4561

Bildons Appliance Service
Detroit 248-478-3320

Midwest Food Equip. Service
Grandville 616-261-2000

MINNESOTA

GCS Service
Minneapolis 800-822-2303

MISSOURI

General Parts
Kansas City 816-421-5400

Commercial Kitchen Services
St. Louis 314-890-0700

Kaemmerlen Parts & Service
St. Louis 314-535-2222

NEBRASKA

Anderson Electric
Omaha 402-341-1414

NEVADA

Burney's Commercial
Las Vegas 702-736-0006

Hi. Tech Commercial Service
N. Las Vegas 702-649-4616

NEW JERSEY

Jay Hill Repair
Fairfield 973-575-9145

Service Plus
Flanders 973-691-6300

NEW YORK

Acme American Repairs, Inc.
Brooklyn 718-456-6544

Alpro Service Co.
Brooklyn 718-386-2515

Appliance Installation
Buffalo 716-884-7425

Northern Parts Dist.
Plattsburgh 518-563-3200

J.B. Brady, Inc.
Syracuse 315-422-9271

NORTH CAROLINA

Authorized Appliance
Charlotte 704-377-4501

OHIO

Akron/Canton Comm. Svc. Inc.
Akron 330-753-6635

Certified Service Center
Cincinnati 513-772-6600

Commercial Parts and Service
Columbus 614-221-0057

Electrical Appl. Repair Service
Independence 216-459-8700

E. A. Wichman Co.
Toledo 419-385-9121

OKLAHOMA

Hagar Rest. Service, Inc.
Oklahoma City 405-235-2184

Krueger, Inc.
Oklahoma City 405-528-8883

OREGON

Ron's Service, Inc.
Portland 503-624-0890

PENNSYLVANIA

Elmer Schultz Services
Philadelphia 215-627-5401

FAST Comm. Appl. Service
Philadelphia 215-288-4800

Appliance Installation & Service
Pittsburgh 412-809-0244

K & D Service Co.
Harrisburg 717-236-9039

Electric Repair Co.
Reading 610-376-5444

RHODE ISLAND

Marshall Electric Co.
Providence 401-331-1163

SOUTH CAROLINA

Whaley Foodservice Repair
W. Columbia 803-791-4420

TENNESSEE

Camp Electric
Memphis 901-527-7543

TEXAS

GCS Service
Fort Worth 800-433-1804

Armstrong Repair Service
Houston 713-666-7100

Cooking Equipment Specialist
Mesquite 972-686-6666

Commercial Kitchen Repair Co.
San Antonio 210-735-2811

UTAH

La Monica's Rest. Equip. Service
Murray 801-263-3221

VIRGINIA

Daubers
Norfolk 757-855-4097

Daubers
Springfield 703-866-3600

WASHINGTON

3 Wire/Restaurant Appliance
Seattle 866-770-2022

WISCONSIN

A.S.C., Inc.
Madison 608-246-3160

A.S.C., Inc.
Milwaukee 414-543-6460

CANADA

ALBERTA

Key Food Equipment Service
Edmonton 780-438-1690

BRITISH COLUMBIA

Key Food Equipment Service
Vancouver 604-433-4484

Key Food Equipment Service
Victoria 250-920-4888

MANITOBA

Air Rite, Inc.
Winnipeg 204-895-2300

NEW BRUNSWICK

EMR Services, Ltd.
Moncton 506-855-4228

ONTARIO

R.G. Henderson Ltd.
Toronto 416-422-5580

Choquette CKS
Ottawa 613-739-8458

QUÉBEC

Choquette CKS
Montreal 514-722-2000

Choquette CKS
Québec City 418-681-3944

UNITED KINGDOM

Marren Group
Northants +44(0)1933 666233

HATCO CORPORATION
P.O. Box 340500
Milwaukee, WI 53234-0500 U.S.A.
(800) 558-0607 (414) 671-6350
Parts and Service Fax (800) 690-2966
International Fax (414) 671-3976
www.hatcocorp.com