

COOK & HOLD CABINET

Owner's Manual

CAC Series
CAC503
CAC507
CAC509
CAC522



welcome

Thank you for your purchase of a Winston CVap cook & hold oven. The benefits you will enjoy from this oven include precise doneness temperatures, greater yields, safer foods, reduced labor, and superior food quality.

This oven utilizes Controlled Vapor Technology (CVap). Using a combination of dry and moist heat, CVap ovens are capable of producing foods at the precise temperature, brownness, and moistness desired.

If you have any questions, or if anything cooked in your CVap cook & hold oven doesn't meet your satisfaction, please call our Customer Service Center at 1.800.234.5286, or email us at customerservice@winstonind.com.

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Need to contact us? Choose the most convenient method.

Internet: www.winstonindustries.com
Email: customerservice@winstonind.com

Phone: 1.800.234.5286 | 1.502.495.5400 | 1.502.495.5458

Mail: 2345 Carton Drive | Louisville, KY 40299 USA.

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Please read this entire use & care manual before operating your CVap cook & hold oven. The manual contains important safety information and operating instructions.

As is the case with most cooking appliances, your CVap oven should be used with caution. Please read the following warnings to avoid potential injuries.

ADANGER

Electrical Hazard

Can cause serious injury or death. Do not attempt to install or service this appliance unless you are a licensed electrician or trained servicer.

- Because this appliance utilizes high voltage, it should only be installed and serviced by a licensed electrician or trained servicer. Attempting to install or service the appliance yourself could result in serious, potentially fatal injuries.
- If an electrical shock is felt when touching appliance, shut off power immediately (pull cord or turn off circuit breaker) and call a trained servicer for repair. Failure to do so could result in serious, potentially fatal injuries.
- 3. Always turn power switch off any time appliance is not in use.

AWARNING

Burn Hazard

Can cause serious injury. Avoid heated vapor when opening or closing appliance door.

4. This appliance utilizes heated water vapor, which transfers heat much more quickly and efficiently than dry air of the same temperature. Use caution when opening doors or reaching into the appliance, as heated vapor can quickly cause burns.

AWARNING

Contamination Hazard

Can cause serious illness or damage to appliance.

Clean appliance daily to avoid potential contamination hazard.

- Clean appliance daily to prevent buildup of food residue or chlorides, which can damage stainless steel and contaminate food. Failure to follow proper cleaning procedures can void your warranty.
- 6. Prior to using appliance for the first time, perform the daily cleaning procedure found on pages 22 and 23.

ACAUTION

Burn Hazard

Can cause injury.

Allow 30 minutes for appliance to cool before attempting to clean.

7. Always allow appliance to cool before cleaning.

ACAUTION

High Temperature and Grease Hazard

Can cause damage to appliance.

Avoid placing appliance near high heat or in grease laden atmosphere.

Do not place appliance in an area where air temperatures exceed 100°F (38°C). A heat shield may be required to prevent heat exposure and grease laden vapors from affecting the appliance if adjacent to heat, vapor, or grease generating devices (such as grills, steamers, ovens, etc.). Excess heat and grease inside the appliance cavities may cause electrical components to fail.

receiving your oven

Shipping Damage

Examine equipment thoroughly for shipping damage before, during and after unloading. All Winston products are carefully inspected and verified to be in good condition before leaving our factory. The carrier delivering your oven has assumed responsibility for its safe arrival. If you notice any damage (obvious or hidden), a claim must be made to the carrier.

Obvious Loss or Damage

Please note any obvious loss or damage on the freight bill or express receipt, and have the carrier's agent sign to acknowledge the claim. The carrier will supply the necessary forms. If you do not obtain and complete the forms before the carrier's agent departs, the carrier might refuse your damage claim.

Concealed Loss or Damage

Sometimes loss or damage is not obvious until the product has been unpacked. If you notice damage that was concealed by packaging or crating, contact the carrier in

writing to notify them of the damage. The carrier should agree to inspect the damage within 15 days. Please retain all packing materials. The carrier will supply an inspection report and the required claim forms.

Physical

Casters are non-marking; back casters are non-locking, front are locking.

Water Supply

In order to operate properly, the evaporator in this oven must be filled with clean, potable water. Hardware is included to connect the oven to a copper line in your facility's water system. If your facility has plastic or galvanized pipes, contact a licensed plumber to connect the water supply. Equipment should be installed to comply with applicable federal, state, or local plumbing codes.

Appliances with automatic water fill systems are to be installed with adequate backflow protection to comply with federal, state, and local codes.

Model	Height with 3" Caster (IN/MM)	Width (IN/MM)	Depth (IN/MM)	Weight (LBS/KG)
CAC503	36.0/914	19.9/505	27.1/688	145/66
CAC507	36.2/919	27.6/701	34.5/876	215/98
CAC509	41.2/1046	27.6/701	34.5/876	235/107
CAC522	73.1/1857	27.6/701	34.5/876	410/187

As water evaporates, any minerals in the water will deposit on the surface of the evaporator. These mineral deposits will inhibit the transfer of heat. Deposits can also degrade and damage stainless steel. The best way to avoid mineral deposits is to clean the appliance daily. It is also advisable to contact your water utility for advice on minimizing deposit buildup.

installing auto water fill

To remove the plastic tubing from the water line connector, use your fingers to carefully press the small brass capture ring in toward the body of the connector. Then gently pull the tubing out of the connector. To insert tubing back into connector, push the tubing fully into the connector. Once seated, try to pull the tubing out of the connector so that the capture ring comes out (about 1/16" (1.6mm)) and the tubing cannot be removed. See drawing below. Auto Water Fill Systems must be hooked up to a potable water supply line. Winston RECOMMENDS that the tap valve included with the kit be attached to cold

water, copper, brass or steel line (the valve can handle any size line from 3/8" to 1" (9.5mm to 25.4mm)). The maximum incoming water temperature may not exceed 140°F (60°C) and the incoming water pressure must be between 20 and 150 psi (1.4 Kgf/cm2 to 10.5 Kgf/cm2 (kilogram-force per sq. centimeter)).

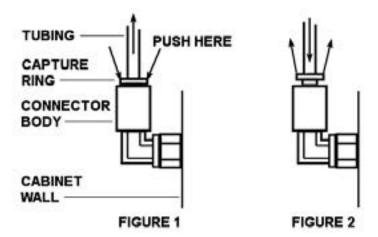
ACAUTION

High Temperature Hazard

Can cause damage to appliance.
Fill evaporator with water prior to turning power on, and do not allow evaporator to run dry.

CAUTION: Appliances with auto water fill systems MUST NOT BE ALLOWED TO RUN DRY. Heat damage to the water valve may result.

It is the responsibility of the owner and installer to make sure that installation complies with all applicable local and state plumbing codes.



PUSH BRASS CAPTURE RING AGAINST CONNECTOR BODY BEFORE REMOVING TUBING. WHEN PLACING TUBING BACK INTO CONNECTOR, PUSH TUBE <u>FULLY</u> INTO CONNECTOR AND MAKE SURE CAPTURE RING IS FULLY EXTENDED.

electrical

The appliance is shipped from the factory with a 84" (2134mm) (minimum) power cord and plug. Refer to the table below to determine the correct electrical outlet. It may

be necessary to hire a licensed electrician to install the correct outlet or wiring. Winston does not recommend wiring the unit direct.

Below is electrical information for various models of Winston's CVap-cook & hold oven.

Model	Volts	Hertz	PH	Amps	Watts	Circuit Amps	Plug Type
CAC503	208	60	1	12.7	2644	US 15 CAN 20	US 5-15P CAN 5-15P
				Int	ernational		
CAC507	208	60	1	24.0	4990	30	US/CAN 6-30P
	240	60	1	21.1	4990	30	US/CAN 6-30P
				Int	ernational		
	230	50	1	23.3	5365	30	N/A
CAC509	208	60	1	24.0	4990	30	US/CAN 6-30P
	240	60	1	21.1	4990	30	US/CAN 6-30P
				Int	ernational		
	230	50	1	23.3	5365	30	N/A
CAC522	208	60	3	22.5	8116	30	US/CAN 15-30
				Int	ernational		
				Call Factory			

ventilation requirements

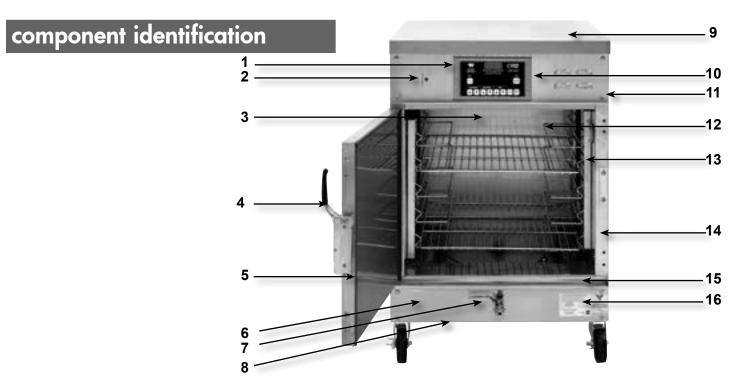
Ventilation clearances - To operate properly, the cook & hold oven will need sufficient space for air circulation. Allow at least 2" (51mm) clearance on all sides of the oven, particularly around ventilation holes. Care should be taken to prevent placing the oven close to anything combustible. It must be installed with its supplied legs, feet, or casters. Counter top appliances specifically supplied without legs or casters may be set directly upon a counter top of noncombustible material. In this situation, the appliance may have to be sealed to the counter top with a food-grade silicone sealant (check local health codes). Half size appliances may be stacked upon each other using only a Winston supplied stacking kit and following the instructions enclosed with the kit. Your warranty may be void if you do not adhere to these ventilation requirements.

ACAUTION

High Temperature and Grease Hazard
Can cause damage to appliance.
Avoid placing appliance near high heat or in grease laden atmosphere.

Do not place appliance in an area where air temperatures around the appliance exceed 100°F (38°C). A heat shield may be required to prevent excessive heat exposure and grease laden vapors from affecting the appliance if adjacent to heat, vapor, or grease generating devices (such as grills, steamers, ovens, etc.). Excess heat and grease inside the appliance cavities may cause electrical components to fail.

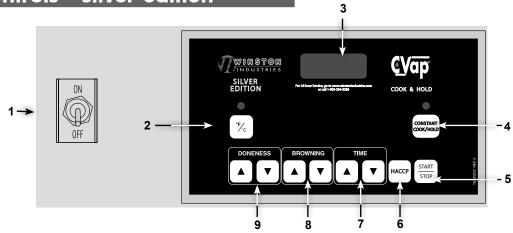
Vent hood - Generally this appliance does not need to be installed under a mechanical ventilation system (vent hood). Check local health and fire codes for specific requirements.



- Microprocessor Controller allows operator to program doneness, browning, and cook time.
- 2. **Power Switch** allows operator to turn electrical power on and off.
- 3. **Food Chamber** cooking cavity where the dual heat system combines to create the perfect cooking environment.
- 4. Door & Latch can be reversed on site.
- 5. **Door Gasket** seals food chamber against heat or vapor loss.
- Evaporator and Heater (not visible) supply vapor atmosphere to the food chamber by heating water within the evaporator.
- 7. **Drain Valve** enables operator to drain evaporator, to perform daily cleaning.
- 8. **Bottom Cover** (not visible) provides service access.

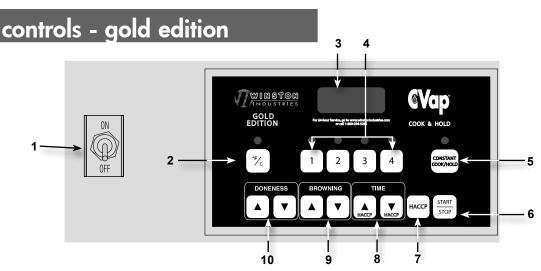
- 9. **Top Cover** provides service access.
- 10. **Control Escutcheon** is removable for servicing or replacing microprocessor.
- 11. **Side Panels** support insulation and form outside of oven.
- 12. **Adjustable Rack Support** supports racks onto which food is placed.
- 13. Rack Support Bracket receives rack support.
- 14. **Air Heaters** (not visible) supply air heat for food texture control.
- 15. **Drain Trough** carries water that has condensed onto door back to evaporator.
- 16. **Name Plate** identifies model and serial number- important for servicing and parts orders. Plate also displays electrical data.

controls - silver edition



- 1. **Power Switch** controls electrical power to the oven.
- F°/C° Button is used to switch oven display between Fahrenheit and Centigrade temperature scales.
- 3. **Digital LED Readout** displays chosen setpoints for doneness, browning, and cook time as the oven is programmed. After pressing Start/Stop button, the display indicates the remaining time in each portion of the cooking process.
- Constant Cook/Hold Button allows operator to manually override High Yield Cooking for personalized cooking or holding.
- 5. **Start/Stop Button** is used to start or stop the timed cooking process.
- 6. HACCP Button enables user to check current HACCP-relevant conditions inside the oven. Press once to read water (evaporator) temperature. Press again within five seconds to read differential air temperature (the difference between the air temperature and the water temperature). Press again within five seconds to read the actual air (oven)

- temperature. Press a final time to read relative humidity. The LED readout will revert back to default display after five seconds of inactivity.
- 7. Time Up (▲) and Down (▼) Buttons are utilized to set the cooking time (up to 24 hours).
- Browning Up (▲) and Down (▼)
 Buttons allow selection of the degree of browning (using a 0 to 10 scale).
- Doneness Up (▲) and Down (▼)
 Buttons allow selection of the final food temperature (from 90 to 200°F (32 to 93°C)).



- 1. **Power Switch** controls electrical power to the oven.
- F°/C° Button is used to switch oven display between Fahrenheit and Centigrade temperature scales.
- Digital LED Readout displays chosen setpoints for doneness, browning, and cook time as the oven is programmed. After pressing Start/Stop button, the display indicates the remaining time in each portion of the cooking process.
- 4. **Programmable Channels** allow user to program and save specific setpoints for future use.
- Constant Cook/Hold Button allows user to manually override High Yield Cooking for personalized cooking or holding.
- 6. **Start/Stop Button** is used to start or stop the timed cooking process.
- 7. **HACCP Button** enables user to check current HACCP-relevant conditions inside the oven. Press once to read water (evaporator) temperature. Press again within five seconds to read differential air temperature (the difference between the

air and water temperatures). Press again within five seconds to read the actual air (oven) temperature. Press a final time to read relative humidity. The LED readout reverts back to default display after five seconds of inactivity.

- Time Up (▲) and Down (▼) Buttons are utilized to set the cooking time (up to 24 hours).
- Browning Up (▲) and Down (▼)
 Buttons allow selection of the degree of browning (using a 0 to 10 scale).
- 10. Doneness Up (▲) and Down (▼)

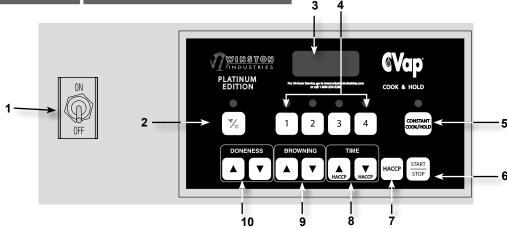
 Buttons allow selection of the final food temperature (from 90° to 200°F (32 to 93°C)).

Gold Edition models are available with or without food temperature probe.

- Food probe is strictly a monitoring device. It does not control the cooking process. Probe behavior and accuracy are the accurate within +/- 1°F. Display is updated once every .5 seconds.
- Food probe should be inserted into food measuring between 1.75" and 3.5" thick.

cook & hold oven

controls - platinum edition



- 1. **Power Switch** controls electrical power to the oven.
- 2. F°/C° Button is used to switch oven display between Fahrenheit and Centigrade temperature scales.
- 3. Digital LED Readout displays chosen setpoints for doneness, browning, and cook time as the oven is programmed. After pressing Start/Stop button, the display indicates the remaining time in each portion of the cooking process.
- 4. Programmable Channels allow user to program and save specific setpoints for future use.
- Constant Cook/Hold Button allows user to manually override High Yield Cooking for personalized cooking or holding.
- 6. Start/Stop Button is used to start or stop the timed cooking process.
- 7. **HACCP Button** enables user to check current HACCP-relevant conditions inside the oven. Press once to read water (evaporator) temperature. Press again within five seconds to read differential air temperature (the difference between the

air and water temperatures). Press again within five seconds to read the actual air (oven) temperature. Press a final time to read relative humidity. The LED readout reverts back to default display after five seconds of inactivity.

- 8. Time Up (▲) and Down (▼) Buttons are utilized to set the cooking time (up to 24 hours).
- 9. Browning Up (▲) and Down (▼) Buttons allow selection of the degree of browning (using a 0 to 10 scale).
- 10. Doneness Up (▲) and Down (▼) Buttons allow selection of the final food temperature (from 90° to 200°F (32 to 93°C)).

Platinum Edition models include a food temperature probe, NAFEM data protocol gateway, and Kitchen Data Suite software.

- Food probe is strictly a monitoring device. It does not control the cooking process. Probe accuracy is +/- 1°F. Display is updated once every .5 seconds.
- Food probe should be inserted into food measuring between 1.75" (44mm) and 3.5" (89mm) thick. Models CAC503, CAC507, CAC509 & CAC522



how is the CVap[®] cook & hold oven different?

The Winston CVap[®] cook & hold oven gives you more control over food quality than other ovens or combis. It allows you to determine whether cooking time or final yield is more important, and doesn't force you to sacrifice quality for either. The following is a brief description of this unit's unique features.

High Yield Cycle

The High Yield Cycle gives you the maximum possible yield from your foods. Once you have programmed the desired final temperature and degree of browning, the microprocessor automatically determines the best heat curve to achieve the highest yield possible.

Constant Cook/Hold Cycle

The Constant Cook/Hold Cycle allows you to manually override the High Yield cook cycle while automatically predetermining optimal holding temperatures.

microprocessor controlled processes

Cook Cycle

The CVap cook & hold oven utilizes a dual heat system to cook foods to precise doneness, while maintaining high yield. After doneness temperature, degree of browning, and cook time are chosen and START/STOP is pressed, the microprocessor takes over control of the two heat input systems until the end of the serving period.

Hold Cycle

The cooking process is followed by a timed cycle to meet the requirements of FDA regulations pertaining to food safety in the 120° to 157°F (49° to 69°C) range. If

doneness temperature is set at 130°F (54°C), the minimum hold time is 121 minutes; 135°F (57°C), 37 minutes; 140°F (60°C), 12 minutes; 150°F (66°C), two minutes; 151° to 157°F (66° to 69°C), one minute. If doneness temperature is set at 158°F (70°C) or higher, there is no FDA requirement for holding time. This data is programmed in the microprocessor and requires no action by the operator.

Sell Cycle

The microprocessor automatically chooses the right dual heat combination to hold foods without quality loss for hours while serving. The automatic hold feature requires no action from the operator, freeing up labor.

AWARNING

Contamination Hazard

Can cause serious illness.

Clean appliance prior to first use, to remove traces of industrial chemicals and oils.

Prior to using appliance for the first time, perform the daily cleaning procedure listed on pages 22 and 23.

Preliminary Set-up

- Adjust shelving appropriate for product being cooked. Make sure you have at least 2" (51mm) space between top of food product and shelf above.
- Fill unit evaporator with 2.5 to 3 gallons (9.5 to 11.8L) of water. Note: the oven will preheat faster if hot water is used. Don't use water that is hotter than the desired doneness temperature.

cooking instructions - high yield

- 3. Flip Power Switch to ON position. The display flashes Prht (preheat), indicating that the unit is warming up to current temperature setting.
- 1. To program DONENESS temperature,



press DONENESS buttons to set desired temperature. Temperature range is 90° to 200°F (32° to 93°C).

2. To program degree of browning, press BROWNING buttons.



BROWNING buttons. Browning levels range from 0 to 10.

	Browning Scale										
Time	0	1	2	3	4	5	6	7	8	9	10
	0°F	5°F	10°F	20°F	30°F	40°F	50°F	75°F	100°F	125°F	350°F Doneness Temp

Brown scale temperature equivalents are as follows:

0=0, 1=5, 2=10, 3=20, 4=30, 5=40, 6=50, 7=75, 8=100, 9=125, 10= makes oven equal to 350°F (177°C) temperature.

Example: 130°+10 (220) =350°, 150°+10 (200) =350°, 200°+10 (150) =350°, 180°+10 (170) =350°.

3. To program COOK TIME, press TIME



buttons to customize cook cycle. Refer to guidelines found on pages 16 to 21 for suggested settings.

4. After programming DONENESS, BROWNING, and TIME, unit will heat to new setpoint. When setpoint has been reached, LoAd will appear on LED. This indicates that the unit is pre-heated and ready to be loaded with product.

- 5. Place food product on pan(s) (bun pans or steam table/hotel pans), making sure that spacing between product (vertically and horizontally) is at least 2" (51mm). Place pan(s) on the rack supports at about the middle of the oven.
- 6. Close door. Press START/STOP button to begin cook cycle. START STOP
- 7. The CVap[®] cook & hold oven begins its timed countdown. The display shows the remaining cook time.
- 8. As timer counts down to zero, if the doneness temperature is less than 158°F, (70°C) timer will display alternately Hold and the remaining FDA-recommended hold time (see the HOLD Cycle section on page 11).
- 9. Sell display indicates that any FDA-recommended holding period has been completed, and that the food may be served. Timer indicates how long product has been in Sell Cycle.

cooking instructions - constant cook

- 1. Fill unit evaporator with 2.5 to 3 gallons (9.5 to 11.8L) of water. **Note**: the oven will preheat faster if hot water is used. Don't use water that is hotter than the desired doneness temperature. Adjust shelves if needed.
- 2. Flip Power Switch to the ON position.
- 3. Press CONSTANT COOK/HOLD button.



4. To program DONENESS temperature, press DONENESS buttons to set desired



endpoint temperature. Temperature range is 90° to 200°F (32° to 93°C).

5. To program BROWNING, press BROWNING buttons. Browning levels



range from 0 to 10. See page 12 for detailed description of Browning levels.

6. To program COOK TIME, press TIME buttons to customize cook cycle. Refer to



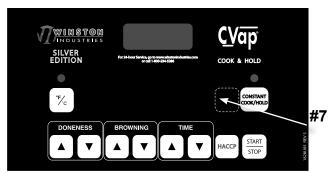
guidelines found on pages 16 to 21 for suggested settings.

- 7. After programming DONENESS, BROWNING, and TIME, unit will heat to new setpoint. When setpoint has been reached, LoAd will appear on LED. This indicates that the unit is pre-heated and ready to be loaded with product.
- 8. Place food product on pan(s) (bun pans or steam table/hotel pans), making sure that spacing between product (vertically and horizontally) is at least 2" (51mm). Place pan(s) on the rack supports at about the middle of the oven.
- 9. Close door. Press START/STOP button to begin cook cycle. START STOP
- 10. The CVap[®] cook & hold oven unit begins its timed countdown. The display shows the remaining cook time.
- 11. As timer counts down to zero, if the doneness temperature is less than 158°F (79°C), timer will display alternately SELL and the remaining FDA hold time.

11. Sell display indicates that any FDArecommended holding period has been completed, and that the food may be served. Timer indicates how long product has been in Sell Cycle.

NOTE: When power switch is turned off, the controller remembers the last temperature and time values set.

hidden keys



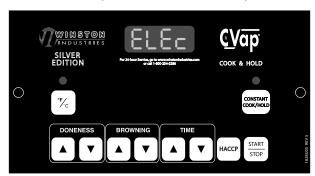
The "hidden" key (shown above) on the control panel allows additional programming functions. The keys are intended for management use only.

#7 KEY - Adjust Sell/Hold temperature - 150°F (66°C), 155°F (68°C), 160°F (71°C), 165°F (74°C), 170°F (77°C), 175°F (79°C), 180°F (82°C):

This key allows adjustment of the sell (long term holding) temperature. To operate this function, press and hold the #7 key for two seconds. The current sell temperature will be displayed. Adjust the temperature setting by tapping the #7 key. The value will be stored after two seconds of inactivity. Hold range will increase by five-degree increments.

ELEc on LED

If the LED displays ELEc, it indicates that the unit has experienced an interruption in the



power supply at some point during the cook cycle. This can be caused by a power failure, an electrical surge, by the power switch being turned off during a cook or hold cycle, or by the unit being unplugged. The LED will flash between ELEc and an advancing timer. Timer indicates how long it has been since power was restored to the unit.

To cancel this mode, push and hold the Start/Stop button for two seconds. This clears the memory so that a new cook cycle may be programmed.



programming fill alert in the cook & hold controller

With power switch in the OFF position, press and hold both DONENESS arrow keys while

switching power on. Release the arrow keys after the current setting is displayed (FILL or noFL). Use the arrow keys to change the setting. This



enables / disables the visual and audible alert for low water. The system will control water level regardless of the alert setting.

FILL on LED



noFL on LED



cook & hold cooking guidelines

Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked and held. These hold times are only suggestions. Personal choice may dictate shorter or longer hold times.

When roasting meats or other large proteins, begin with a browning level of 5. This will produce moderate browning or texture. If less browning or texture is desired, select a browning level of 2-4. If more browning or texture is desired, select a browning level of 6-10.

High Yield Cook: Gives you the maximum possible yield for your foods. Once you have programmed the desired doneness temperature and browning level, the microprocessor automatically determines the best heat curve to give the highest yield possible.

Constant Cook: Allows the manual override of High Yield Cook Cycle, while automatically determining optimal holding temperatures for personalized cooking and holding.

ON: High Yield Cook Cycle is not functional. Constant cook light will illuminate to indicate that the Constant Cook Cycle has been activated.

OFF: High Yield Cook Cycle is functional.

Slow Roasting/Roasting: Cooking food in an uncovered pan, a method that will produce a browned or textured exterior while maintaining a moist, juicy interior. This roasting process can be utilized for either tender or tough pieces of meat. The moist environment within the CVap® cook & hold oven will tenderize cuts that are usually associated with braising.

Braise: Cooking in a small amount of liquid. The amount of liquid involved can vary. Some recipes call for foods to be half-immersed in liquid. Other recipes call for very little liquid. Braising can be a rapid process by which foods are gently simmered (short braising), just until they're cooked through. Braising can also involve long, slow cooking (long braising). Foods may be browned before adding the liquid.

When braising, bring liquid to a simmer on stove top before placing into cook & hold oven. This will help expedite the cooking cycle by one to two hours. Pans do not need to be foil-covered when cooking. Four-inch (102mm) braising pans are recommended. Once braising cycle is complete, product will be held at 150°F (66°C) during recommended hold cycle.

Confit: Food product is salted and slowly cooked in its own fat or any other type of fat, such as oil. Bring fat or oil to a simmer on stove top before placing into oven. Four-inch (102mm) braising pans are recommended. Once confit cycle is complete, product will be held at 150°F (66°C) during recommended hold cycle.

Poach: Food is gently cooked, completely submerged, in slightly simmering liquid just below boiling point.

Steam: Food is cooked gently in moist CVap environment, with temperature range of 200° - 230°F (93° - 110°C).

Thermalizing: Rapidly elevating food product temperature from thawed or frozen state to minimum temperature of 165°F (74°C).

Baking: When utilizing a CVap cook & hold oven to bake items that normally require water during baking process, water baths are not needed. Place pans or ramekins directly on sheet pans or oven racks.

roasting guidelines

	Weight	Doneness	Brownin	g Tlme	Recommended Hold	Constant Cook
Roasting/Slow Roasti	ng					
Beef						
Round Outside Round (Fla	at) 8-16 lb	s				
Rare `	•	130-135	3-6	5-7hr	5-8hr*	OFF
Medium		140-145	3-6	5-7hr	5-8hr*	OFF
Well Done		150-160	3-6	5-7hr	5-8hr*	OFF
Round, Eye of Round	3-5 lbs		3-6			
Rare		130-135	3-6	3-4hr	5-7hr*	OFF
Medium		140-145	3-6	3-4hr	5-7hr*	OFF
Well Done		150-160	3-6	3-4hr	5-7hr*	OFF
Loin, Bottom Sirloin Butt	5-10 lbs					
Rare		130-135	3-6	3-6hr	4-8hr*	OFF
Medium		140-145	3-6	3-6hr	4-8hr*	OFF
Well Done		150-160	3-6	3-6hr	4-8hr*	OFF
Loin, Top Sirloin Butt	8-14 lbs					
Rare		130-135	3-6	5-7hr	5-8hr*	OFF
Medium		140-145	3-6	5-7hr	5-8hr*	OFF
Well Done		150-160	3-6	5-7hr	5-8hr*	OFF
Rib, Roast-Ready	14-20 lbs					
Rare		130-135	3-7	6-8hr	4-8hr*	OFF
Medium		140-145	3-7	6-8hr	4-8hr*	OFF
Well Done		150-160	3-7	6-8hr	4-8hr*	OFF
Rib, Ribeye Roll, Bone In	11-16 lbs					
Rare		130-135	3-7	5-7hr	5-8hr*	OFF
Medium		140-145	3-7	5-7hr	5-8hr*	OFF
Well Done		150-160	3-7	5-7hr	5-8hr*	OFF
Rib, Ribeye, Lip-On	9-15 lbs					
Rare		130-135	3-7	5-7hr	5-8hr*	OFF
Medium		140-145	3-7	5-7hr	5-8hr*	OFF
Well Done		150-160	3-7	5-7hr	5-8hr*	OFF
Round, Knuckle	8-12 lbs					
Rare		130-135	3-6	4-6hr	5-8hr*	OFF
Medium		140-145	3-6	4-6hr	5-8hr*	OFF
Well Done		150-160	3-6	4-6hr	5-8hr*	OFF
Round, Top (Inside)	12-15 lbs	100 : 5 =			4.00	0==
Rare		130-135	3-6	5-7hr	4-8hr*	OFF
Medium		140-145	3-6	5-7hr	4-8hr*	OFF
Well Done	40 40 "	150-160	3-6	5-7hr	4-8hr*	OFF
Sirloin, Top	10-16 lbs	100 105			5 0' *	055
Rare		130-135	3-6	5-7hr	5-8hr*	OFF
Medium		140-145	3-6	5-7hr	5-8hr*	OFF
Well Done	\44 EQ III	150-160	3-6	5-7hr	5-8hr*	OFF
Round, Rump (Steamship)44-52 IDS	120 125	2.0	4440 -	4 Ob*	OFF
Rare		130-135	3-6	14-18 hr		OFF
Medium		140-145	3-6	14-18 hr	-	OFF
Well Done	0 C II	150-160	3-6	14-18 hr	4-8hr*	OFF
Tenderloin	3-6 lbs	400 405	4.0	.45 0:00!		055
Rare		130-135		:45-2:00h		OFF
Medium		140-145		:45-2:00h		OFF
Well Done		150-160	4-8	:45-2:00h	r 0-4hr*	OFF

^{*}Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked. Personal choice may require different hold times.



roasting guidelines

	Weight	Doneness	Brownir	ng TIme	Recommended Hold	d Constant Cook
Roasting/Slow Roas	ting					
Beef (continued) Portions Filet	4oz-1 lb	130-150	4-10	:15-1hr	0-4hr*	OFF
Steak Cuts Hamburgers	4oz-1 lb	130-150 130-150	4-10 4-8	:15-1hr :30-1hr	0-6hr* 1-4hr	OFF ON
Brisket	6-12 lbs	165-185	0-4	6-10hr	4-6hr*	ON
Corned Beef	5-10 lbs	170-190	0-4	4-6hr	4-6hr*	ON
Meatloaf Tongue	1-2 lbs 1-2 lbs	155-165 180-200	6-8 4-8	:45-1:30h 2-5hr	r N/A 2-4hr*	OFF ON
iongue	1-2 105	100-200	4-0	2-5111	∠- 4 111	ON

When roasting meats, start with Browning Level #5. This will produce moderate browning or texture. If reduced browning or texture is desired, set Browning Level 2-4. If increased browning or texture is desired, set Browning Level 6-10.

Pork						
Loin, Back Ribs	1.5-2.25+	180-200	0-5	3-6hr	4-6hr*	OFF
Loin, Bone-In,	5-8 lbs	135-145	3-6	2-4hr	2-4hr*	OFF
Center Cut, 8-Ribs		135-140	8-10	:45-1:30h	r 2-4hr*	ON
Loin, Boneless, Roast	6-12 lbs	135-145	3-6	2-4hr	4-6hr*	OFF
Loin, Country-Style Ribs	2-3 lbs	180-200	3-6	3-5hr	4-6hr*	OFF
Leg, Fresh Ham, Inside	3-5 lbs	170-190	3-6	3-5hr	4-6hr*	OFF
Roasting Pig, Suckling	20-25 lbs	180-200	8-10	5-7hr	3-5hr*	OFF
Spareribs	2.5-5.5 lbs	180-200	0-4	3-6hr	4-6hr*	OFF
Spareribs, St. Louis Style	1.5-3.0 lbs	180-200	0-4	3-6hr	4-6hr*	OFF
Shoulder, Boston Butt,	4-12 lbs	180-200	0-4	5-8hr	5-8hr*	OFF
Bone-In						
Shoulder, Boston Butt,	4-12 lbs	180-200	0-4	5-8hr	5-8hr*	OFF
Boneless						
Shoulder, Picnic	4-12 lbs	180-200	0-4	5-8hr	5-8hr*	OFF
Tenderloin	1-1.5+	130-135	8-10	15-45mir	n 1-4hr*	OFF
		130-140	2-6	1-1:30hr	1-4hr*	OFF
Pork Chops	4oz-1 lb	140-165	6-10	:15-1hr	1-4hr*	OFF
Lamb						
Leg, Trotter Off,	4-8 lbs	130-150	3-8	3-5hr	1-4hr*	OFF
Part Boneless	1 0 100	100 100	0 0	0 0111		011
Leg, Steamship,	5-9 lbs	130-150	3-8	3-6hr	1-4hr*	OFF
Bone Removed	0 0 100	100 100	0 0	0 0111		011
Leg, Inside, Boneless	1-2 lbs	130-150	3-8	1-2hr	1-4hr*	OFF
Leg, Sirloin Tip	1-2.5 lbs	130-150	3-8	1-2hr	1-4hr*	OFF
Sirloin, Boneless	2-4 lbs	130-150	3-8	2-3hr	1-4hr*	OFF
Shoulder, Square Cut,	4-7 lbs	130-150	3-8	2-4hr	1-4hr*	OFF
Boneless			0 0			. .
Shoulder, Outside,	2-5 lbs	130-150	3-8	2-3hr	1-4hr*	OFF
Boneless	_ 00			_ •		. .
Shoulder, Ribs	2-4 lbs	180-200	2-4	2.5-5hr	2-6hr*	OFF
Rack, Ribeye Roll	1-2.5 lbs	130-140	4-8	1-2hr	1-4hr*	OFF
Ribs, Breast Bones Off	2-4 lbs	180-200	2-4	2.5-5hr	2-6hr*	OFF
•	Weight	Doneness	Brownin		Recommended	
	1.5.19.11	311211200		J	Hold	Cook

^{*}Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked. Personal choice may require different hold times.



roasting guidelines

Roasting/Slow Roasting

Veal						
Chuck, Shoulder Clod,	2-6 lbs	130-145	3-8	2-4hr	4-6hr*	OFF
Roast						
Chuck, Square Cut,	10-19 lbs	130-145	3-8	5-8hr	4-6hr*	OFF
Boneless						
Hotel Rack, 6-Ribs	3-5 lbs	130-145	3-8	2-4hr	1-4hr*	OFF
Hotel Rack, Chop-Ready,	2-5 lbs	130-145	3-8	2-4hr	1-4hr*	OFF
Frenched						
Legs	19-27 lbs	130-145	3-8	8-10hr	4-6hr*	OFF
Legs, Boneless,	7-10 lbs	130-145	3-8	3-6hr	1-4hr*	OFF
Roast Ready						
Leg, Top Round, Cap Off		130-145	3-8	2-5hr	1-4hr*	OFF
Loins, Trimmed	3-7 lbs	130-145	3-8	2-5hr	1-4hr*	OFF
Loin, Strip Loin, Boneles		130-145	3-8	2-4hr	1-4hr*	OFF
Rack, Ribeye, Boneless	2-4 lbs	130-145	3-8	2-4hr	1-4hr*	OFF
Chicken						
	4 4 11-	440 405	2.7	.00 4h-	4 41**	OFF
Breast, Boneless	4oz-1 lb	140-165 130-150	3-7 8-10	:20-1hr 10-30min	1-4hr**	OFF ON
Loge/Thighs Quartored		165-185	3-7	:30-1hr	1-4hr** 1-4hr**	OFF
Legs/Thighs, Quartered		130-150	3-7 8-10	1-1.5hr	1-4111 1-4hr**	OFF
Halves	1-1.5 lbs	165-185	3-7	:45-1hr	1-4111 1-4hr**	OFF
Haives	1-1.5 105	130-150	8-10	:30-1hr	1-4hr**	ON
Whole	2.25-4 lbs	130-150	8-10	:45-2hr	1-4hr**	ON
vinoic	2.20 + 100	100 100	0 10	.40 2111	1 7111	011
Turkey						
Legs/Thighs, Quartered		170-190	6-8	:45-1:30hr	1-4hr**	ON
Roast, Boneless	4-8 lbs	170-190	3-6	2-4hr	2-4hr*	ON
Whole	13-20 lbs	170-190	4-7	6-8hr	4-6hr*	OFF
Seafood						
Fish, Whole (1-2 lbs)	1-2 lbs	140-160	6-10	:40-1hr	1-4hr**	ON
Fish, Portioned (4-8oz.)	4 oz-12 oz	140-160	6-10	10-30min	1-4hr**	ON
D 1 1						
Potatoes		100 :	• • •	4	4.01.33	01:
Whole 70-90ct.		130-150	8-10	1-2hr	1-6hr**	ON
Quartered		130-150	8-10	:30-1:30hr	1-6hr**	ON
New, Whole		130-150	8-10	:30-1:30hr		ON
Halved / Quartered	18/-11-4	130-150	8-10	20-45min	1-6hr**	ON
	Weight	Doneness	Brownin	ng i ime l	Recommended	
					Hold	Cook

^{*}Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked. Personal choice may require different hold times. ** Recommended hold times for product being held without loss of quality.



braising guidelines

Braising

_						
Beef						
Brisket, Boneless, Portioned	d 1-2 lbs	180-200	4-8	4-6hr	4-6hr*	ON
Chuck, Shoulder Clod	1-2 lbs			4-6hr		ON
•	1-2 105	180-200	4-8	4-0111	4-6hr*	ON
Portioned						
Oxtails		180-200	4-8	2-3hr	2-4hr*	ON
Rib, Back Ribs		180-200	4-8	3-5hr	2-4hr*	ON
Short Rib, Bone-In	2-3 lbs	180-200	4-8	2-4hr	2-4hr*	ON
Short Rib, Boneless	1-2 lbs	180-200	4-8	2-3hr	2-4hr*	ON
Tongue, Swiss Cut	1.5-2.5 lbs		4-8	3-5hr	2-4hr*	ON
loligue, owiss out	1.5-2.5 103	100-200	 -0	3-3111	Z- 7 111	ON
Dorle						
Pork	4.0.11	400.000	4.0		0.41.4	0.11
Belly	1-2 lbs	180-200	4-8	2-4hr	2-4hr*	ON
Hocks, Cooked/Smoked	.5-1.5 lbs	180-200	4-8	1.5-2.5hr		ON
Loin, Back Ribs	1.5-2.5 lbs	180-200	4-8	2-4hr	2-4hr*	ON
Loin, Country-Style Ribs	2-3 lbs	180-200	4-8	2-4hr	2-4hr*	ON
Pigs Feet		180-200	4-8	3-5hr	2-4hr*	ON
Spareribs, St. Louis Style	1 5-3 lbe	180-200	4-8	2-4hr	2-4hr*	ON
Sparoriso, St. Louis Style	1.0 0 103	100-200	-F-U	<u> - 7111</u>	∠ =fill	014
Lamb						
	0.5.15.	400 000	4.0	0.45	0 45*	140
Shoulder, Outside,	2-5 lbs	180-200	4-8	2-4hr	2-4hr*	ON
Boneless						
Shoulder, Square Cut,	4-7 lbs	180-200	4-8	3-5hr	2-3hr*	ON
Boneless						
Shoulder, Ribs	1-4 lbs	180-200	4-8	2-4hr	2-4hr*	ON
Foreshank	1-2 lbs	180-200	4-8	3-5hr	1-2hr*	ON
Hindshank	1-2 lbs	180-200	4-8	3-5hr	1-2hr*	ON
					2-4hr*	
Leg, Boneless, Netted	5-8 lbs	180-200	4-8	3-5hr		ON
Leg, Inside, Boneless	1-2 lbs	180-200	4-8	1-2hr	2-3hr*	ON
Veel						
Veal						
Cheeks	.5-1 lb	180-200	4-8	3-4hr	2-4hr*	ON
Chuck, Shoulder Clod,	3-6 lbs	180-200	4-8	3-5hr	3-5hr*	ON
Roast						
Foreshank	1-5 lbs	180-200	4-8	3-5hr	1-2hr*	ON
Hindshank	1-5 lbs	180-200	4-8	3-5hr	1-2hr*	ON
Leg, Boneless, Roast	7-10 lbs	180-200	4-8	4-6hr	2-4hr*	ON
				4-6111 3-5hr		
Leg, Top Round, Cap Off	3-8 lbs	180-200	4-8		3-5hr*	ON
Osso Buco, Hindshank	2-8oz	180-200	4-8	2-3hr	1-2hr*	ON
Tongue, Swiss Cut	1-2 lbs	180-200	4-8	4-5hr	2-3hr*	ON
041						
Other						
Chicken, Quartered		180-200	4-8	2-3hr	1-2hr*	ON
Duck, Quartered		180-200	4-8	3-4hr	1-2hr*	ON
Rabbit, Cut up		180-200	4-8	2-3hr	1-2hr*	ON
Roulades	8oz-2 lbs	180-200	4-8	:30-1hr	N/A	ON
	002-Z 105				N/A N/A	ON
Legumes		180-200	4-8	1-3hr		
Mushrooms	1	180-200	4-8	:30-1hr	N/A	ON
Potatoes, New or Quarter	ed	180-200	6-8	1-2hr	N/A	ON
Vegetables		180-200	4-8	:30-2hr	N/A	ON
	Weight	Doneness	Browning	g Time	Recommended	Constant
	-				11.1.1	O I-

^{*}Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked. Personal choice may require different hold times.

Cook

Hold



poaching, confit, steaming guidelines

Poaching / Confit

•						
Chicken, Quarter Duck, Quartered		140-180 140-180	0-3 0-3	2-6hr 2-6hr	N/A N/A	ON ON
Game Birds		140-180	0-3	1-2hr	N/A	ON
Pork		140-180	0-3	3-6hr	N/A	ON
Tongue		140-180	0-3	4-6hr	N/A	ON
Seafood		130-180	0-3	:30-1hr	N/A	ON
Potatoes		160-180	0-3	1-2hr	N/A	ON
Vegetables		170-190	0-3	1-2hr	N/A	ON
Steaming						
Chicken Breast	4oz. 1 lb	200	0-3	:15-1hr	N/A	ON
Seafood						
Fish Fillets	4-12oz	200	0-4	15-30min	N/A	ON
Fish, Whole	1-2 lbs	200	0-4	:45-1:15hr	N/A	ON
Clams		200	0-4	8-12min	N/A	ON
Crab, Whole, Large		200	0-4	25-35min	N/A	ON
Crab Legs		200	0-4	20-25min	N/A	ON
Mussels		200	0-4	8-12min	N/A	ON
Shrimp		200	0-4	8-12min	N/A	ON
Potatoes						
Cut, Medium/Large, Diced	t	200	0-5	15-30min	N/A	ON
Quartered		200	0-5	30-45min	N/A	ON
New, Whole		200	0-5	:45-1:15hr	N/A	ON
Vegetables		200	0-5	15-30min	N/A	ON
Cut, Medium/Large, Diced	t	200	0-5	15-30min	N/A	ON
Root Vegetables		200	0-5	:30-1hr	N/A	ON

Weight Doneness Browning TIme Recommended Constant Hold Cook

^{*}Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked. Personal choice may require different hold times.



thermalizing, baking guidelines

Thermalizing

Thermanzing						
Entrees/Casseroles (includes products sur lasagna, beef tips, tur au gratin potatoes)		190-200	4-9	:30-2hr	1-4hr**	ON
Chubs Soup, Vegetables, Mea Frozen Thawed/Slacked	als, Pastas 3-5lbs 3-5lbs	190-200 190-200	0-6 0-6	1:30-2hr 1-1:30hr	1-6hr** 1-6hr**	ON ON
Moist Soft Foods		180-200	0-6	:30-1hr	1-6hr**	ON
Meats: Fully Cooked Meamburger Hot Dog Portioned Whole Beef, Ribeye Roll Pork, Hams Pork, Ribs Turkeys Roll Boneless Whole Breast Baking	2-4oz 2-4oz 4oz-1lb 8-12 lbs 9-12 lbs 4-8 lbs 1-2.5 lbs 4-8 lbs 4-8 lbs	150-200 150-200 130-180 130-165 170-190 170-200 170-190 170-190	0-8 0-8 0-8 2-6 2-6 2-6 3-6 3-6	:30-1hr :30-1hr 1-2hr 4-7hr 4-7hr 4-6hr 2-3hr 2-4hr	1-4hr** 1-4hr** 1-4hr** 1-12** 3-6hr* 1-4hr** 2-4hr*	ON ON ON ON OFF OFF
Bread Pudding Ramekins Hotel Pan, Half Hotel Pan, Full Brownie Cheesecake Custards Crème Brûlée Cornbread Muffins Hotel Pan, Full Sheet Cake	2-4oz 2-4oz 2-4oz	190-200 190-200 190-200 150-200 180-190 200 180-200 180-200 180-200 180-190	4-8 4-8 4-8 8-10 4-6 0-3 0-3 8-9 8-9 8-10	15-20min 30-40min :45-1hr :30-1hr :45-1hr 15-25min 15-30min 15-25min 30-40min :45-:1hr 15-20min	N/A N/A N/A N/A N/A N/A N/A N/A	ON ON ON ON ON ON ON ON
Ramekins Hotel Pan, Half Hotel Pan, Full	2-4oz	190-200 190-200 190-200	4-8 4-8 4-8	15-20min 30-40min :45-1hr	N/A N/A N/A	ON ON ON
Meats: Fully Cooked Meamburger Hot Dog Portioned Whole Beef, Ribeye Roll Pork, Hams Pork, Ribs Turkeys Roll Boneless Whole Breast Baking Bread Pudding Ramekins Hotel Pan, Half Hotel Pan, Full Brownie Cheesecake Custards Crème Brûlée Cornbread Muffins Hotel Pan, Full Sheet Cake Spoonbread Ramekins Hotel Pan, Half	2-4oz 2-4oz 4oz-1lb 8-12 lbs 9-12 lbs 4-8 lbs 1-2.5 lbs 4-8 lbs 4-8 lbs 2-4oz	150-200 150-200 130-180 130-165 170-190 170-200 170-190 170-190 170-190 190-200 190-200 180-200 180-200 180-200 180-200 180-200 180-200 180-200 180-200 180-200 180-200 180-200 180-200 190-200	0-8 0-8 0-8 2-6 2-6 2-6 3-6 3-6 3-6 3-6 3-9 4-8 4-8 4-8 4-8 4-8	:30-1hr :30-1hr 1-2hr 4-7hr 4-7hr 4-6hr 2-3hr 2-4hr 2-4hr 15-20min 30-40min :45-1hr 15-25min 15-25min 15-25min 30-40min :45-1hr 15-20min 30-40min	1-4hr** 1-4hr** 1-4hr** 1-4hr** 1-12** 3-6hr* 1-4hr** 2-4hr* 2-4hr* N/A	

^{*}Recommended hold times are not mandatory. They are intended to produce optimal tenderization of product being cooked. Personal choice may require different hold times. ** Recommended hold times for product being held without loss of quality.

daily cleaning

Required Cleaning Accessories & Supplies

- Pan for draining evaporator (unless utilizing floor drain).
- · Food grade germicidal detergent.
- · Descaling agent

ADANGER

Electric Hazard

Can cause serious injury or death.

If an electrical shock is felt during operation or cleaning, unplug appliance and have it serviced by a licensed electrician or trained servicer before placing back into service.

AWARNING

Contamination Hazard

Can cause serious illness or damage to appliance.

Clean appliance daily to avoid potential contamination hazard.

Ensure safe operation by cleaning oven daily. Failure to do so can allow harmful deposits to develop, increasing the potential for food contamination, and endangering your customers.

ACAUTION

Corrosion Hazard

Can cause damage to appliance. Clean appliance daily to avoid potential corrosion damage.

Clean evaporator daily to prevent chlorides (salts) from accumulating. Chlorides can cause the evaporator tank to corrode, to the extent that leaks can occur. Leaks caused by corrosion, which is caused by a failure to clean daily, are not covered under the manufacturer's warranty.

AWARNING

Contamination Hazard

Can cause serious illness.

Clean appliance prior to first use, to remove traces of industrial chemicals and oils.

Prior to using appliance for the first time, perform the daily cleaning procedure listed on the next page.

daily cleaning procedure

CAUTION

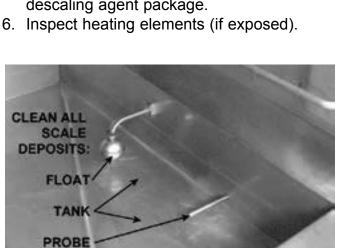
Burn Hazard

Can cause injury.

Allow 30 minutes for appliance to cool before attempting to clean.

Before each cleaning procedure, disconnect appliance from its electrical power source and allow to cool for at least one half hour.

- 1. Place empty pan under drain valve, open valve, and allow evaporator to drain.
- 2. Remove and clean rack supports using a food grade germicidal agent. Clean probe (if included) with mild soap and water.
- 3. Spray food chamber and evaporator with a food grade germicidal detergent.
- 4. Wipe inside surfaces to remove all food deposits.
- 5. Inspect for scale build-up on tank surface, float, and probe. (see photo below). If present, apply descaling agent. Read ALL warnings and follow directions listed on descaling agent package.



The heating elements are stainless steel. If cleaning is needed, scrub with a Teflonor nylon bristle brush to remove heavy food particles. Further cleaning may be done with a plastic scouring pad and alkaline based cleansers. DO NOT use wire brushes, scrapers, steel wool pads or chloride based cleansers. Follow cleanser manufacturer's instructions for use on stainless steel. Rinse well several times with clean water and wipe immediately.

7. Rinse all inside surfaces, including evaporator, and dry with clean towel. Do not spray outside of appliance or controls with water.

WARNING

Electrical Hazard

Can cause serious personal injury or damage to appliance.

Avoid spraying appliance exterior or controls with water.

- 8. Rinse, dry, and replace rack supports.
- 9. Verify that valve is closed, and refill evaporator.
- 10. Reconnect appliance to electrical power and make ready for use.

troubleshooting

We know how frustrating and costly it can be when a critical piece of equipment is down for repairs. It is our goal to minimize service disruptions, to get you back up and operating in the shortest time possible.

We carefully analyze all service calls. This analysis helps us to improve our manufacturing processes, and reduces product service issues. Generally speaking, most equipment failures can be attributed to the following three causes:

- Faulty use and care practices.
- Electrical supply problems.
- Equipment faults.

Please refer to the Troubleshooting Chart on the next page for common problems and solutions. If the problem you're experiencing isn't listed, or if the standard solution fails to resolve your problem, you will need a qualified servicer to diagnose and repair the problem.

If your equipment is still under warranty, or you are uncertain whether or not warranty is still in place, please call Winston Customer Service at 1-800-234-5286 (or 502-495-5400). Our friendly staff will help you verify coverage, and if under warranty, will arrange for a servicer to call on you.

If your equipment is no longer under warranty, or you are uncertain whether the warranty is still in place, please call Customer Service at 1-800-234-5286, or visit our website at **www.winstonind.com**, and click the Service tab to locate an authorized servicer near you.

In order to expedite service, please have the complete model and serial number (found on the appliance's identification tag) on hand when you contact us.

Service parts may be purchased directly from the factory online.

Visit www.winstonind.com

Please have the following information on hand when contacting Winston Industries regarding product service.

1.	Model	Serial #
	(located on name plate)	
2.	Your name	
3.	Company name	
5.	Company phone	



troubleshooting

TROUBLE	AULT CODE
LED fails to light	K, O K
Leaking water Food not adequately or over cooked Food not adequately or over browned	E, G, J H, I
Inadequate yield Cooking time too long Offensive odors	I, L
Injury or accident	Р

FAULT	CORRECTION
A. House circuit breaker tripped or fuse blown B. Power cord not plugged in C. Faulty power cord D. Faulty power switch E. Evaporator empty. F. Drain valve defective. G. Incorrect doneness temperature selected H. Incorrect browning selected I. Incorrect cook time selected J. Leaking door gasket at sides or top K. Faulty Microprocessor Controller L. High Yield Process used M. Fast Roast Process used N. Food or Scale build-up O. Faulty temperature sensing probe P. Injury or accident, call Manufacturer	Reset or replace Plug in Call servicer Call servicer See pgs. 4,7,11,12 Call servicer See pgs. 15-21 See pgs. 15-21 See pgs. 15-21 Call servicer Call servicer Call servicer See pgs. 11-14 See pgs. 11-14 See pg. 22-23 Call servicer

troubleshooting

ADANGER

Electrical Hazard

26

Can cause serious injury or death.

Do not attempt to install or service appliance unless your are a licensed electrician or trained servicer.

This appliance utilizes high voltage, high temperature heating systems, and hot water vapor. If used improperly, any of these hazards can cause serious injury or death. To avoid the potential for an accident, please have oven installed by a licensed electrician, and serviced only by trained servicers. Please make this page available to the servicer.

SERVICE PARTS	PART NUMBER	SERVICE PARTS	PART NUMBER
All Models	_	CAC507	
Caster, 3" locking	PS2146	Caster, 3" threaded wheel stems	PS2540-4
Caster, swivel, non-lock 3 t-stem	PS2147	Cover, evaporator	PS1806
Caster, 5" stem threaded lock	PS2142	Door Asm, HL	03112S75
Caster, 5" lock & non-lock stem	PS2343-4	Door Asm, HL glass	03112T90
Controller, silver 208V	PS2828	Door Asm, HL self closing	03112AA193
Controller, gold	PS2898	Door Asm, HL 316L (Arby's only)	03112Z168
Controller, platinum	13055Z58	Door Asm, HR	03112M26
Controller-no fill	PS2830	Door Asm, HR 316L (Arby's only)	03112Z163
Cover, evaporator	PS1807	Door Asm, HR glass	03112T89
Floats (before 1/20/05)	PS1354	Door Asm, HR, self-closing 316L (Arby's)	03112AA194
Floats (after 1/20/05)	PS2669	Gasket	PS2554
Handle/latch	PS1774	Heater, air, 208V 981W, 44.10 ohms	03016Y52
Heater, air, 230V 920W, 57.5 ohms	PS2396	Heater, water, 208V 1803W, 24 ohms	PS2174
Heater, air, 240V 875W, 65.83 ohms	PS1711	Heater, water, 230V 1700W, 31.12 ohms	03016T36
Hinge kit	PS2116	Relay electromechanical CA	PS2460
Hinge, door, self-closing	PS2493	CAC509	
Motor blower, (208-240V, 50-60Hz)	PS2100	Door Asm, HL	03112T78
Power cord	PS2346	Door Asm, HR	03112L21
Power switch	PS2304	Door Asm, HR glass	03112T86
Probe, air	PS2178	Door Asm, HL glass	03112T85
Probe, water	PS2177	Gasket	PS2127
Solenoid water, 208V, brass	PS2754	CAC522	
Thermostat, hi-limit	PS2750	Caster, 3" threaded wheel stems	PS2540-4
Trough weld	00776U02	Door Asm Bottom HL	03112S63
Wire (rack support)	PS2359	Door Asm Bottom HR	03112M25
Wire (rack)	PS2206-4	Door Asm Top HL	03112S62
Wire (rack)	PS2206-6	Door Asm Top HR	03112M24
CAC503		Door, glass only	00103W08
Door Asm, HL	03112S66	Door, Asm w/glass, bottom, hinge left	03112T102
Door Asm, HL glass	03112S67	Door, Asm w/glass, bottom, hinge right	03112N33
Door Asm, HL glass self closing	03112T84	Door, Asm w/glass, top, hinge left	03112T101
Door Asm, HL vented	03112Y143	Door, Asm w/glass. top, hinge right	03112N32
Door Asm, HR	03112N34	Evap Retro Non Pass thru	PS2790
Door Asm, HR glass	3112AB202	Gasket bottom	PS2151
Door Asm, HR vented	03112Y145	Gasket top	PS2150
Gasket	PS1440	Heater, air, 208V, 932W, 46.4 ohms	PS2368
Heater, air (208V)	05617Y63	Heater, water, 208/240V, 2400W, 24 ohm:	
Top exterior	00764Q02	Relay electromechanical	PS2460
		Solenoid kit retro (240V)	PS2692
00	MI-I- 040500	040507 040500 8 040500	

Models CAC503, CAC507, CAC509 & CAC522



Warranty and Terms and Conditions



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Winston Industries LLC | 2345 Carton Drive | Louisville, KY 40299 1.800.234.5286 | 1.502.495.5400 | Fax 1.502.495.5458 | www.winstonindustries.com