



GA SYSTEMS, INC.

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"SPEEDEE-SERV" HEATED AND REFRIGERATED SERVING CABINET OPERATION AND MAINTENANCE MANUAL

Congratulations on the purchase of your new G. A. Systems Mobile Heated and Refrigerated Serving Cabinet. G.A. Systems would like to thank you for choosing us as your trusted manufacturer.

The Mobile Refrigerated Self-Service Serving Bar has been designed to heat and refrigerate, prepackaged foods and drinks at optimum serving temperatures.

I. START UP AND INSTALLATION

The "*Speedee-Serv*" Heated and Refrigerated Cabinet is equipped with one 6'0" cord and cap. Cabinet requires one 125/240 volt 20 amp circuit with a neutral is required. NEMA 14-20p plug which require a 14-20r receptacle.

After initial plug in, check to see if the condensing unit fan is operating. **If the fan is not operating, unplug unit immediately.** When everything is operating properly there is no need to unplug the refrigeration unit. If for any reason the unit is unplugged, do not plug unit back in until the unit has been out of operation for no less than five minutes. Turn the switch on the heat system to the on position. Make sure that the fan motor is circulating air by holding a paper towel in front of the louvers on the inside of the food well. If it is not, turn the unit off and call G. A. Systems. Check the overhead warmer (if available) for operation by turning the switch located on the front of the warmer to the on position.

II. SERVICE AND MAINTENANCE

1. Exterior and Interior Surfaces

Clean all surfaces with a standard furniture cleaner or a citrus base cleaner and then wipe dry. **Caution: Never use solvent type cleaners, or harsh abrasive polishes on plastic laminate surfaces.**

2. Condensing Unit Cleaning

Unplug unit before cleaning. Clean the condensing unit once a month for maximum efficiency. Remove all dirt, dust, or foreign matter with the use of a vacuum or brush from all exposed portions of the condensing unit.

3. Defrosting Refrigerated Compartment

The Refrigerated Cabinet is equipped with a blower coil system, therefore it operates as an automatic defrost cabinet. The only requirement is to wipe the interior cabinet dry periodically if excess moisture or water appears.

III. OPERATING PROCEDURES

1. Food Storage

Each food well is designed to accommodate 4" or 2" deep standard "Speedee-Serv" baskets. **Note: Do not block the louvers on the inside cavity of cabinet, as this will restrict the refrigerated convected airflow.**

2. Serving Period

Immediately prior to serving, remove the lids and store in a safe area. **Note: Replace lids after each serving period. Product temperature will remain more constant when lids are in place.**

IV. TROUBLESHOOTING

1. Cabinet Does Not Operate Properly

- a. Make sure the circuit breaker is on (internal and building).
- b. Check to see if the circuit breaker is overloaded.
- c. Check to see if the plug is making complete contact in the outlet.
- d. Check any and all loose wires.

2. Refrigerated Side Too Cold or Too Warm

- a. To gain access to the refrigeration component, remove the two screws at the bottom of the stainless steel louver panel. Lift the panel up and out. Remove the two 5/16-18 screws holding retainer angle and remove retainer. The complete quick-change refrigeration system can now be removed for servicing.
- b. The cabinet temperature can be controlled, but should not be adjusted unless instructed to do so by the factory.
- c. The refrigerated component is a self-contained compressor, blower coil style, and condensate evaporator. If the refrigerated component becomes inoperative, remove the complete quick-change component. Service may be performed away from the cafeteria as not to interfere with daily routines.

Note: Do not call a refrigeration repair company, as G.A. Systems will replace this component at no charge during the warranty period. 134a refrigerant charged to 19 oz. pressure control setting is 34/16.

3. Heated Side Does Not Heat

- a. To gain access to the heat system remove the two 10-32 screws on the control panel. Lift up and out to remove the panel.
- b. Check to see if the fan motor is operating .
- c. Check to see if the heat element is operating properly, 7.5 amps.

NOTE: If the unit is still under warranty do not call a service company. Contact G. A. Systems directly. During the warranty period a new unit will be sent to you in exchange for the defective unit.

4. Heat Tube Is Not Operating Properly

- a. Check for proper contact at the bulb and/or heat tube socket.
- b. Check to see if the bulb is operating correctly by inserting into another socket.
- c. Remove the control cover and check for continuity.

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