

# Service

This manual is to be used by qualified appliance technicians only. Maytag does not assume any responsibility for property damage or personal injury for improper service procedures done by an unqualified person.

This Base Manual covers general information

Refer to individual Technical Sheet for information on specific models

This manual includes, but is not limited to the following:

## **Maytag**

**MBV1976AAP**

**MBV1976AAB**

**MBS1976AAP**

**MBS1976AAB**

# Skybox Personal Vending Machine

# Important Information

## Important Notices for Servicers and Consumers

Maytag will not be responsible for personal injury or property damage from improper service procedures. Pride and workmanship go into every product to provide our customers with quality products. It is possible, however, that during its lifetime a product may require service. Products should be serviced only by a qualified service technician who is familiar with the safety procedures required in the repair and who is equipped with the proper tools, parts, testing instruments and the appropriate service information. **IT IS THE TECHNICIANS RESPONSIBILITY TO REVIEW ALL APPROPRIATE SERVICE INFORMATION BEFORE BEGINNING REPAIRS.**



### **WARNING**

To avoid risk of severe personal injury or death, disconnect power before working/servicing on appliance to avoid electrical shock.

To locate an authorized servicer, please consult your telephone book or the dealer from whom you purchased this product. For further assistance, please contact:

### Customer Service Support Center

CAIR Center

<b>Web Site</b>	<b>Telephone Number</b>
WWW.AMANA.COM .....	1-800-843-0304
WWW.JENNAIR.COM .....	1-800-536-6247
WWW.MAYTAG.COM .....	1-800-688-9900
CAIR Center in Canada .....	1-800-688-2002
Amana Canada Product .....	1-866-587-2002

### Recognize Safety Symbols, Words, and Labels



### **DANGER**

**DANGER**—Immediate hazards which **WILL** result in severe personal injury or death.



### **WARNING**

**WARNING**—Hazards or unsafe practices which **COULD** result in severe personal injury or death.



### **CAUTION**

**CAUTION**—Hazards or unsafe practices which **COULD** result in minor personal injury, product or property damage.

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# Troubleshooting



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect electrical power source to unit, unless test procedures require power to be connected. Discharge capacitor through a resistor before attempting to service. Ensure all ground wires are connected before certifying unit as repaired and/or operational.

### DISABLE SWITCHES and DOOR TEST

1. Apply power to the SKYBOX.
2. Verify that the door lights work properly, they can be turned on and off.

#### Possible causes malfunction:

- Cable between the door and cabinet missing, not wired correctly, or not plugged in fully.
  - Light switch mounted upside-down.
  - Incorrect wiring, wires crossed from each starter.
  - Wire not pushed into socket or contamination on wire.
  - Starter or lamp missing or not installed properly.
  - 120VAC wiring error.
  - 120VAC not working at test outlet.
3. Move all DISABLE switches down (turn OFF the bins).
  4. Hold the MAIN DOOR switch closed, leaving the door open.
  5. All 4 LED on the door should be ON. If not, fail.

#### Possible causes:

- The LED that is OFF might have the DISABLE switch assembled upside down, along with a bad LOW PRODUCT switch circuit.
- If all of the LED flash slowly, there is a bad connection between the door and the MAIN PCB. (Loss of communications between the MAIN and FPP PCBs).
- If the LED are all OFF, there is a bad connection between the door and the MAIN PCB (no power).
- If the LED are all OFF, there is a bad connection between the bin set and the MAIN PCB (ribbon cable unplugged or bad).
- If the LED are all OFF, there is no power to the MAIN PCB: verify that the 12VAC transformer is connected to 120VAC between the bin set and the MAIN PCB (ribbon cable unplugged). There are 2 LED on the MAIN PCB. The top LED indicates communications TO the FPP (located in the door); the bottom LED indicates communications FROM the FPP.
- MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.

6. Push SELECT pushbutton 1. Only LED1 should turn off while the pushbutton is pushed. If not, fail.
  - If multiple LED turn OFF, there is a problem with the door electronics.
  - If all 4 LED fast flash only while the SELECT pushbutton is pushed, the FLIPPER DOOR is open (or other problem in FLIPPER door sensor)
  - If the wrong LED turns OFF, there is a problem with the door electronics.
  - If no LED turn OFF, there is a problem with the door electronics.
  - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.
7. Push SELECT pushbutton 2. Only LED 2 should turn off while the pushbutton is pushed. If not, fail.
  - If multiple LED turn OFF, there is a problem with the door electronics.
  - If all 4 LED fast flash only while the SELECT pushbutton is pushed, the FLIPPER DOOR is open (or other problem in FLIPPER door sensor)
  - If the wrong LED turns OFF, there is a problem with the door electronics.
  - If no LED turn OFF, there is a problem with the door electronics.
  - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.
8. Push SELECT pushbutton 3. Only LED3 should turn off while the pushbutton is pushed. If not, fail.
  - If multiple LED turn OFF, there is a problem with the door electronics.
  - If all 4 LED fast flash only while the SELECT pushbutton is pushed, the FLIPPER DOOR is open (or other problem in FLIPPER door sensor).
  - If the wrong LED turns OFF, there is a problem with the door electronics.
  - If no LED turn OFF, there is a problem with the door electronics.
  - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.

# Troubleshooting



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect electrical power source to unit, unless test procedures require power to be connected. Discharge capacitor through a resistor before attempting to service. Ensure all ground wires are connected before certifying unit as repaired and/or operational.

9. Push SELECT pushbutton 4. Only LED 4 should turn off while the pushbutton is pushed. If not, fail.
    - If multiple LED turn OFF, there is a problem with the door electronics.
    - If all 4 LED fast flash only while the SELECT pushbutton is pushed, the FLIPPER DOOR is open (or other problem in FLIPPER door sensor)
    - If the wrong LED turns OFF, there is a problem with the door electronics.
    - If no LED turn OFF, there is a problem with the door electronics.
    - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB.
  5. Push SELECT pushbutton 2.
    - a. Motor 2 should turn at a normal speed and LED 2 should be flashing slowly. If not, fail.
      - The DISABLE switch circuit for that bin might be bad.
      - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.
      - If the MOTOR runs slowly or not at all AND all 4 LED start flashing fast after 3 seconds, the CHUTE sensor is broken on that bin (CHUTE plate not returning to the proper resting position, magnet missing or installed incorrectly, HOME/CHUTE PCB not working or not plugged into the CONNECTOR PCB).
    - b. Quickly trip the CHUTE plate #2. The motor should stop or move very slowly. If not, fail.
      - The CHUTE door sensor is not working properly. Check for solder bridges and bad wiring on the HOME/CHUTE PCB, CONNECTOR PCB, or MAIN PCB.
    - c. Quickly trip the FLIPPER door. Verify that LED 2 stops flashing slowly and stays ON. If not, fail.
      - The FLIPPER door sensor is not working properly: FLIPPER door not returning to the proper resting position, magnet missing or installed incorrectly, error in installation of FLIPPER PCB.
  6. Push SELECT pushbutton 3.
    - a. Motor 3 should turn at a normal speed and LED 3 should be flashing slowly. If not, fail.
      - The DISABLE switch circuit for that bin might be bad.
      - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.
      - If the MOTOR runs slowly or not at all AND all 4 LED start flashing fast after 3 seconds, the CHUTE sensor is broken on that bin (CHUTE plate not returning to the proper resting position, magnet missing or installed incorrectly, HOME/CHUTE PCB not working or not plugged into the CONNECTOR PCB).
    - b. Quickly trip the CHUTE plate #3. The motor should stop or move very slowly. If not, fail.
      - The CHUTE door sensor is not working properly. Check for solder bridges and bad wiring on the HOME/CHUTE PCB, CONNECTOR PCB, or MAIN PCB.
- ### BIN MECHANISM (MOTORS, CHUTE switches/doors, and FLIPPER door)
1. Release the MAIN DOOR switch.
  2. Move all DISABLE switches up (turn ON the bins).
  3. Hold the MAIN DOOR switch closed, leaving the door open.
  4. Push SELECT pushbutton 1.
    - a. MOTOR 1 should turn at a normal speed and LED1 should be flashing slowly. If not, fail.
      - The DISABLE switch circuit for that bin might be bad.
      - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.
      - If the MOTOR runs slowly or not at all AND all 4 LED start flashing fast after 3 seconds, the CHUTE sensor is broken on that bin (CHUTE plate not returning to the proper resting position, magnet missing or installed incorrectly, HOME/CHUTE PCB not working or not plugged into the CONNECTOR PCB).
    - b. Quickly trip the CHUTE plate #1. The motor should stop or move very slowly. If not, fail.
      - The CHUTE door sensor is not working properly. Check for solder bridges and bad wiring on the HOME/CHUTE PCB, CONNECTOR PCB, or MAIN PCB.
    - c. Quickly trip the FLIPPER door. Verify that LED1 stops flashing slowly and stays ON. If not, fail.
      - The FLIPPER door sensor is not working properly: FLIPPER door not returning to the proper resting position, magnet missing or installed incorrectly, error in installation of FLIPPER PCB.

# Troubleshooting



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect electrical power source to unit, unless test procedures require power to be connected. Discharge capacitor through a resistor before attempting to service. Ensure all ground wires are connected before certifying unit as repaired and/or operational.

- c. Quickly trip the FLIPPER door. Verify that LED 3 stops flashing slowly and stays ON. If not, fail.
  - The FLIPPER door sensor is not working properly: FLIPPER door not returning to the proper resting position, magnet missing or installed incorrectly, error in installation of FLIPPER PCB.
7. Push SELECT pushbutton 4.
  - a. Motor 4 should turn at a normal speed and LED 4 should be flashing slowly. If not, fail.
    - The DISABLE switch circuit for that bin might be bad.
    - MAIN DOOR switch circuit not wired correctly: wrong connection at switch or connector not plugged into the MAIN PCB. When the MAIN DOOR switch is first held closed, the LED should flicker off for a very brief time.
    - If the MOTOR runs slowly or not at all AND all 4 LED start flashing fast after 3 seconds, the CHUTE sensor is broken on that bin (CHUTE plate not returning to the proper resting position, magnet missing or installed incorrectly, HOME/CHUTE PCB not working or not plugged into the CONNECTOR PCB).
  - b. Quickly trip the CHUTE plate #4. The motor should stop or move very slowly. If not, fail.
    - The CHUTE door sensor is not working properly. Check for solder bridges and bad wiring on the HOME/CHUTE PCB, CONNECTOR PCB, or MAIN PCB.
  - c. Quickly trip the FLIPPER door. Verify that LED4 stops flashing slowly and stays ON. If not, fail.
    - The FLIPPER door sensor is not working properly: FLIPPER door not returning to the proper resting position, magnet missing or installed incorrectly, error in installation of FLIPPER PCB.
4. Push SELECT pushbutton 2. Watch for proper anti-jam mechanism operation: the back plate must flip up then down while the motor is moving. If not, fail.
  - CONNECTOR PCB or ribbon cable problem
  - spring not working
  - Cam mechanism not installed correctly.
5. Allow MOTOR 2 to run until it stops (between 6 and 10 seconds). The dispensing cup should now be at the home position (open to accept product). If not, fail.
  - The HOME sensor is not working on that bin: magnet located on dispensing cup end missing or installed wrong, CHUTE-HOME PCB (SENMN) broken, problem on CONNECTOR PCB (located on back of bin set), or ribbon cable problem.
  - The HOME sensor input for that bin on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem.
6. Push SELECT pushbutton 3. Watch for proper anti-jam mechanism operation: the back plate must flip up then down while the motor is moving. If not, fail.
  - spring not working
  - Cam mechanism not installed correctly.
7. Allow MOTOR 3 to run until it stops (between 6 and 10 seconds). The dispensing cup should now be at the home position (open to accept product). If not, fail.
  - The HOME sensor is not working on that bin: magnet located on dispensing cup end missing or installed wrong, CHUTE-HOME PCB (SENMN) broken, problem on CONNECTOR PCB (located on back of bin set), or ribbon cable problem.
  - The HOME sensor input for that bin on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem
8. Push SELECT pushbutton 4. Watch for proper anti-jam mechanism operation: the back plate must flip up then down while the motor is moving. If not, fail.
  - spring not working
  - Cam mechanism not installed correctly.
9. Allow MOTOR 4 to run until it stops (between 6 and 10 seconds). The dispensing cup should now be at the home position (open to accept product). If not, fail.
  - The HOME sensor is not working on that bin: magnet located on dispensing cup end missing or installed wrong, CHUTE-HOME PCB (SENMN) broken, problem on CONNECTOR PCB (located on back of bin set), or ribbon cable problem.
  - The HOME sensor input for that bin on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem

## PRODUCT OUT (HOME SENSOR) and ANTI-JAM

1. Hold the MAIN DOOR switch closed, leaving the door open.
2. Push SELECT pushbutton 1.
3. Allow MOTOR 1 to run until it stops (between 6 and 10 seconds). The dispensing cup should now be at the home position (open to accept product). If not, fail.
  - The HOME sensor is not working on that bin: magnet located on dispensing cup end missing or installed wrong, CHUTE-HOME PCB (SENMN) broken, problem on CONNECTOR PCB (located on back of bin set), or ribbon cable problem.
  - The HOME sensor input for that bin on the MAIN PCB is bad: short, missing resistor, etc.



# Troubleshooting



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect electrical power source to unit, unless test procedures require power to be connected. Discharge capacitor through a resistor before attempting to service. Ensure all ground wires are connected before certifying unit as repaired and/or operational.

### LOW PRODUCT SWITCHES

1. Release the MAIN DOOR switch.
2. Press the LOW PRODUCT plate for bin 1. Hold the MAIN DOOR switch closed, leaving the door open. Only LED1 should turn off. If not, fail.
  - Mis-wired LOW PRODUCT harness and/or switch.
  - Mis-aligned LOW PRODUCT plate.
  - The LOW PRODUCT input for that switch on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem.
3. Release the MAIN DOOR switch.
4. Press the LOW PRODUCT plate for bin 2. Hold the MAIN DOOR switch closed, leaving the door open. Only LED2 should turn off. If not, fail.
  - Mis-wired LOW PRODUCT harness and/or switch.
  - Mis-aligned LOW PRODUCT plate.
  - The LOW PRODUCT input for that switch on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem.
5. Release the MAIN DOOR switch.
  - Mis-wired LOW PRODUCT harness and/or switch.
  - Mis-aligned LOW PRODUCT plate.
  - The LOW PRODUCT input for that switch on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem
6. Press the LOW PRODUCT plate for bin 3. Hold the MAIN DOOR switch closed, leaving the door open. Only LED 3 should turn off. If not, fail.
7. Release the MAIN DOOR switch.
8. Press the LOW PRODUCT plate for bin 4. Hold the MAIN DOOR switch closed, leaving the door open. Only LED 4 should turn off. If not, fail.
  - Mis-wired LOW PRODUCT harness and/or switch.
  - Mis-aligned LOW PRODUCT plate.
  - The LOW PRODUCT input for that switch on the MAIN PCB is bad: short, missing resistor, etc.
  - CONNECTOR PCB or ribbon cable problem.

### DISPENSE TEST

- Place 1 product into each of the 4 bins. Close the MAIN DOOR. Verify that each bin dispenses the product properly through the FLIPPER door. If not, fail.

### TEST COMPLETE

# Disassembly Procedures



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect electrical power source to unit, unless test procedures require power to be connected. Discharge capacitor through a resistor before attempting to service. Ensure all ground wires are connected before certifying unit as repaired and/or operational.

### Door Removal

1. Make sure the main unit is OFF and the powercord is unplugged.
2. Unplug the door wire harness from the lower right corner of the door and the lower left corner of the personal beverage vendor.
3. Open the door wider than a 90° angle.
4. Lift the door up, releasing the door hinges from the hinge posts.

### Dispensing Assembly

1. Remove Door (see Door removal procedure)
2. Remove Sling assembly by unhooking two hooks from sling at top of chute opening and removing from velcro from left side of cabinet.
3. Remove screws holding dispenser assembly in place, 5 screws on front of dispensing assembly and 4 on left hand side of dispenser.
4. Slide dispenser assembly out and unplug ribbon connector from dispenser assembly.



### Temperature Control

1. Remove single screw at bottom of temperature control.
2. Slide down temperature control to expose wiring and sensing bulb.
3. Disconnect wires from temperature control. Note location of wires when removing temperature control.
4. Slide sensing capillary tube out of sleeve while removing temperature control.
5. Reverse procedure to reassemble.

### Ribbon Connector

1. Remove dispenser assembly (see dispenser assembly removal).
2. Unplug ribbon connector from dispenser assembly.
3. Remove plug seal from inside back of cabinet holding connector in place.
4. Remove machine compartment screws from back side of machine compartment. Remove machine compartment cover.
5. Remove cover from main board by removing screws.
6. Unplug ribbon connector from board and slide it through hole in cabinet.
7. Reverse procedure to reassemble.

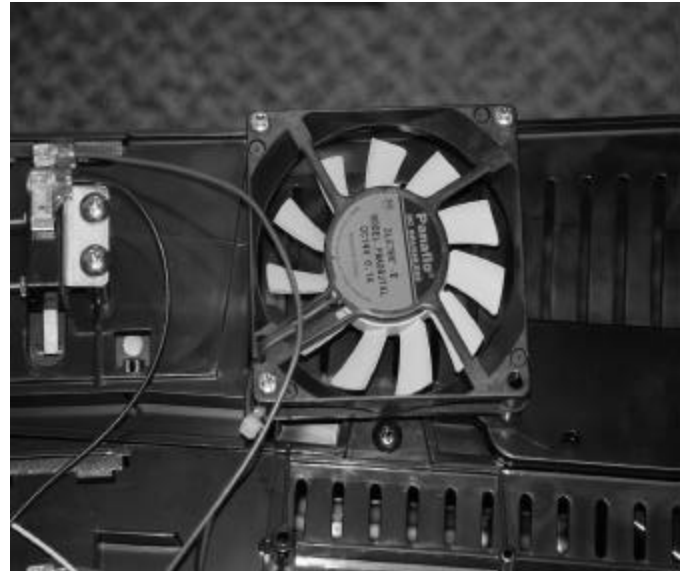


# Disassembly Procedures



## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect electrical power source to unit, unless test procedures require power to be connected. Discharge capacitor through a resistor before attempting to service. Ensure all ground wires are connected before certifying unit as repaired and/or operational.



### Selection Buttons

1. Grasp the bottom of the selection button and pull toward you.
2. While the selection button is pulled out, pull down on the selection button firmly to release selection button from cabinet.
3. Reverse procedure to reassemble.

### Circulating Fan

1. Remove dispenser assembly (see dispenser assembly removal).
2. Remove circulating fan screws and unplug from cabinet PCB.
3. Remove circulating fan.

Note: Circulating fan must be installed so the airflow draws air from the dispenser assembly.

4. Reverse procedure to reassemble.

### Ballast and Light Bulb

1. Remove top cover from cabinet by lifting it off of unit.
2. Remove plexiglass cover by lifting it from the slot at the front of the cabinet to expose ballast or light bulb.
3. Reverse procedure to reassemble.

# Wiring Diagram and Schematic



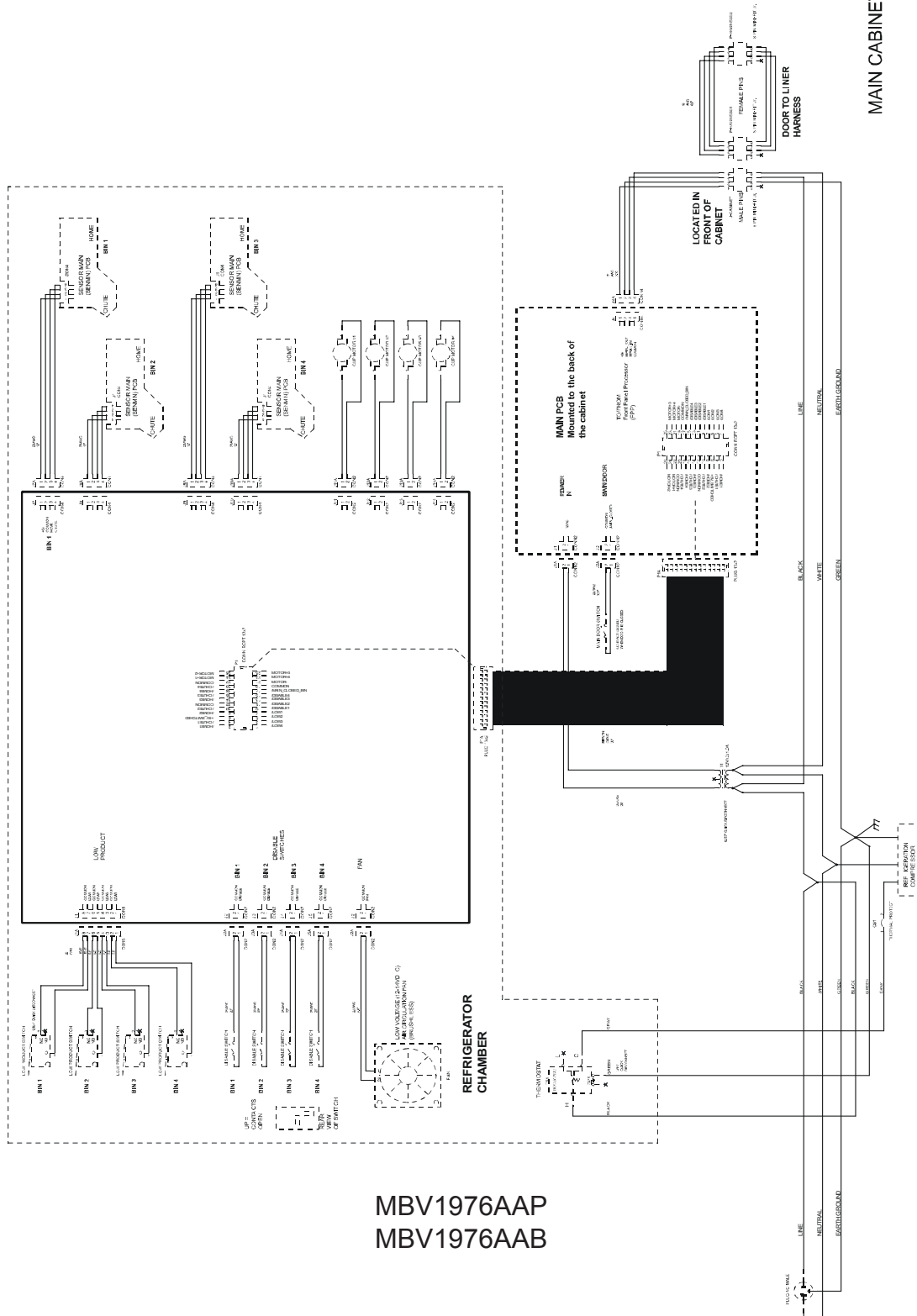
## WARNING

To avoid risk of electrical shock, personal injury, or death, disconnect power to freezer before servicing, unless testing requires it. Wires removed during disassembly must be replaced on proper terminals to insure correct grounding and polarization.



## CAUTION

High Voltage



# Appendix A



# **SkyBox™ by Maytag™**

## **Personal Beverage Vendor**

### **Model # MBV1976AA**

*The bragging rights are all yours. Congratulations on your purchase of the SkyBox™ by Maytag™ personal beverage vendor. It's time to assemble your SkyBox™ personal beverage vendor, stock it with your favorite cans or bottles, and give your buddies a call. Don't be surprised if they spend more time checking out the SkyBox™ personal beverage vendor than they do the instant replays!*

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# Important Safety Instructions

## What You Need to Know About Safety Instructions

Warning and Important Safety Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when installing, maintaining or operating this appliance.

Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand.

## Recognize Safety Symbols, Words, Labels

### ⚠ DANGER

**DANGER** – Immediate hazards which **WILL** result in severe personal injury or death.

### ⚠ WARNING

**WARNING** – Hazards or unsafe practices which **COULD** result in severe personal injury or death.

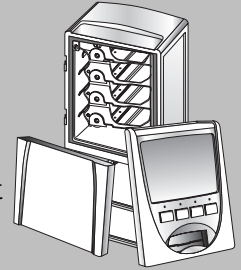
### ⚠ CAUTION

**CAUTION** – Hazards or unsafe practices which **COULD** result in minor personal injury or property damage.

### ⚠ DANGER

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigeration products are still dangerous...even if they will sit for "just a few days". If you are discarding an old SkyBox™ product, please follow the instructions below to help prevent accidents.

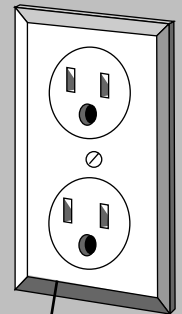
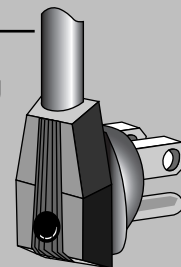
- Remove the SkyBox™ personal beverage vendor door (see page 13).
- Leave the storage bins in place so that children may not easily climb inside the unit.



### ⚠ WARNING

**Electrical Grounding Instructions** – This appliance is equipped with a (3-prong) grounding plug for your protection against shock hazard. It should be plugged directly into a properly grounded receptacle. Do not cut or remove the grounding prong from this plug. If the plug fails to fit into an existing outlet, contact a qualified electrician to update the outlet.

Power supply cord with 3-prong grounding plug



Grounding type wall receptacle

Your SkyBox™ personal beverage vendor should not, under any circumstances, be operated when not properly grounded.

# Important Safety Instructions

## Important Safeguards

### **⚠ WARNING**

**To reduce risk of fire, electric shock, serious injury or death when using your refrigerated unit and stand, follow these basic precautions, including the following:**

1. Read all instructions.
2. To prevent injury, children should not climb, hang or stand on any part of this refrigerated unit or stand.
3. Use the refrigerated unit and stand only for their intended purpose.
4. Observe all local codes and ordinances.
5. To prevent the possibility of hazard due to electrical shock, never plug the refrigerated unit in to a receptacle that has not been grounded adequately and in accordance with the local and national electrical codes. See warning and the grounding instructions that follow.
6. Do not use a 2-prong adapter, extension cord or power strip.
7. Disconnect the power cord to the refrigerated unit before loading cans or bottles into it, cleaning, servicing or replacing a light bulb. Disconnect power cord by grasping the plug, not the cord.
8. The refrigerated unit power cord should be immediately repaired or replaced if it becomes frayed or damaged or if the plug will not fit securely into the electrical outlet.
9. To prevent fire hazard, your refrigerated unit should not be operated in the presence of gasoline or other flammable vapors and liquids.
10. Keep your SkyBox™ personal beverage vendor in good condition. Bumping or dropping the personal beverage vendor and/or SkyBase™ stand can damage them or cause them to malfunction or leak. If damage occurs, contact a qualified service technician for repair.
11. Always read and follow manufacturer's installation and operation instructions for items being stored in refrigerated unit. Load cans or bottles into the personal beverage vendor as described in this guide.
12. Do not lift or move the personal beverage vendor and/or SkyBase™ stand when it is loaded with beverages or when the door is open.
13. The SkyBox™ personal beverage vendor is not designed to dispense food items other than the designated beverage containers outlined within this guide.
14. Do not kick, pound, or push on the personal beverage vendor and/or stand, as this may cause the unit to tip or may damage the refrigeration system.
15. The SkyBox™ personal beverage vendor is designed to hold beverage containers within the designated beverage shelf on top of the main unit. Do not place additional items on top of the unit.
16. Do not attempt to place fingers, hands or arms through the beverage dispenser opening. If a beverage jams in the SkyBox™ personal beverage vendor, clear the jam using the instructions provided on page 13 of this guide.

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

# Product Overview

## SkyBox™ by Maytag Personal Beverage Vendor

– Refrigerated unit with front door. Opens for easy access to four beverage storage bins. Fully stocked, the unit will hold 64 12-ounce cans or 32 12-ounce bottles.

## Front Display Graphic

– Packaged with the SkyBox™ personal beverage vendor.

## Display Panels

– Panels slide into the front and sides of the main unit. Your SkyBox™ personal beverage vendor comes with a standard front panel. To purchase customized, interchangeable front and side panels that feature your favorite sports team, visit [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).

## Beverage Cards

– Your SkyBox™ personal beverage vendor comes with a set of commonly requested beverage cards that can be used to label the beverage selection buttons. To purchase additional beverage cards, visit [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).



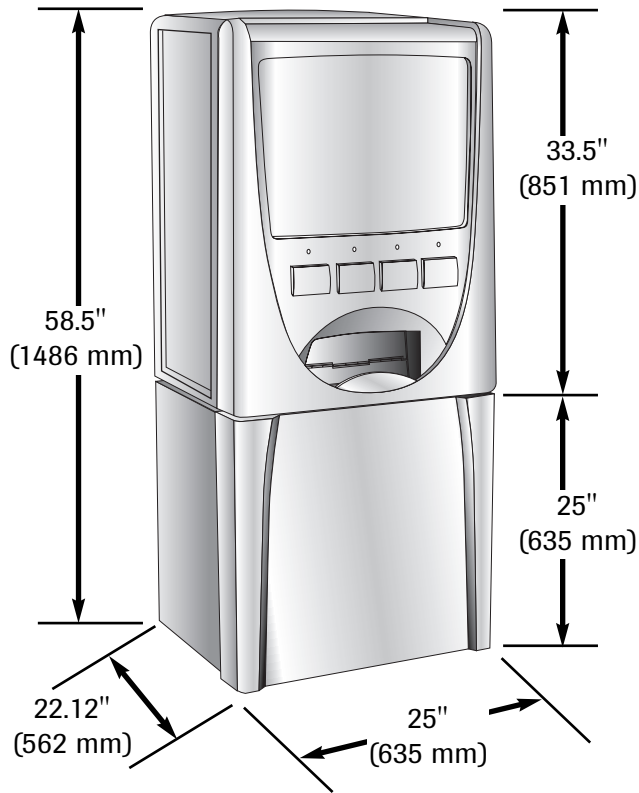
**SkyBase™ Stand (optional)** – A sturdy, level stand that is able to support approximately 200 pounds of weight and will safely accommodate your fully stocked personal beverage vendor. SkyBox™ personal beverage vendor securely mounts to the SkyBase™ stand. To purchase, visit your local retailer or [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).



# Assembly

## Dimensions

Once assembled, the Skybox™ (main unit mounted on stand) has the following dimensions:



## Installation Location

- SkyBox™ personal beverage vendor is designed for indoor use only with room temperatures between 50° – 80° F (10° – 27° C).
- Allow a minimum of 5" (127 mm) clearance from the door hinges to a side wall to allow the door to swing open. Allow 3" (77 mm) of clearance behind the SkyBox™ personal beverage vendor and 1" (26 mm) clearance on all other sides for ease of installation. Additional space is required above the main unit to change the front or side display panels.

### ⚠ WARNING

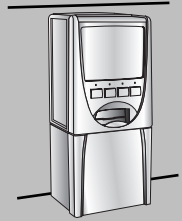
To avoid injury, follow these important instructions when installing the SkyBox™ personal beverage vendor on a countertop.

Make sure the vendor is placed far back on the countertop -- at least 6 inches (15 cm) from the counter front edge to the edge of the vendor door.

### ⚠ WARNING

- **IMPORTANT:** For safety, the unit should be displayed in a secure, level area, with the back of the unit securely against a wall, with 3" (77 mm) of clearance. The wall installation is to prevent anyone, including children, from getting behind the unit and tipping it over, causing personal injury.

#### Important Wall Installation



- Use caution when installing the unit on vinyl or hardwood floors so as not to mark or otherwise damage the flooring. A piece of plywood, a rug or other material should be used to protect the floor while positioning the unit.
- Once assembled and loaded with beverages, the SkyBox™ personal beverage vendor with SkyBase™ stand weighs up to 300 pounds (136 kg), so select a location that will not require frequent moving.
- Moving the loaded SkyBox™ personal beverage vendor may cause damage to the unit.

### ⚠ WARNING

To avoid serious risk of injury, **DO NOT** lift or move the SkyBox™ personal beverage vendor and/or SkyBase™ stand when loaded with beverages or when the door is open.

# Assembly

## Stand Assembly

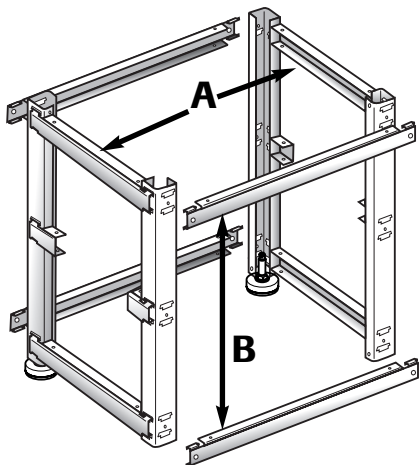
Carefully unpack the stand parts (see below) from the packaging.

### Tools Needed:

- #2 phillips head screw driver
- Level
- Adjustable Wrench

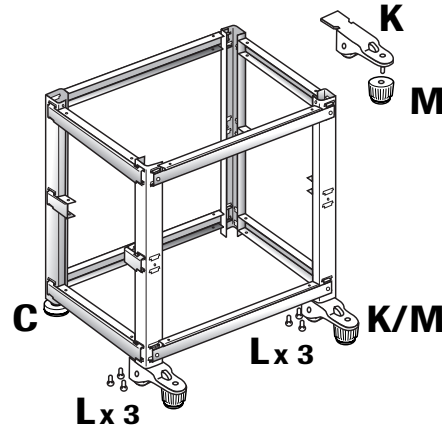
Parts	Quantity
<b>A</b> End Frame.....	2
<b>B</b> Long Support Rail.....	4
<b>C</b> Rear Leveling Legs (attached to end frames).....	2
<b>D</b> Shelves.....	2
<b>E</b> Pan-Head Screws.....	24
<b>F</b> Left Side Panel (with hinge holes).....	1
<b>G</b> Right Side Panel (with no hinge holes).....	1
<b>H</b> Back Panel.....	1
<b>I</b> Door.....	1
<b>J</b> Hinges (attached to the door).....	2
<b>K</b> Front Foot.....	2
<b>L</b> M5 x 16 Hex-Phillips Head Cap Screw - $\frac{5}{8}$ " (16mm) long....	6
<b>M</b> Front Foot Leveling Head.....	2
<b>N</b> Flat Head Screws.....	6
<b>FF</b> M5 x 20 Hex-Phillips Head Cap Screw - $\frac{3}{4}$ " (20mm) long....	2

### STEP 1 – Assemble Frame of Stand



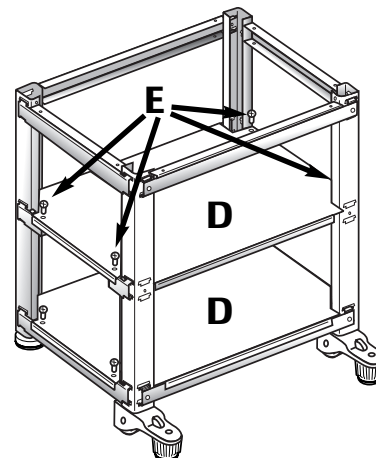
- Connect one long support rail (**B**) to one of the end frames (**A**) by inserting the tabs on the support rail into the slots of the end frame and pressing downward. The support rails will temporarily lock into place when pressed downward.
- Connect the other end of support rail to a second end frame (**A**) by inserting the tabs on the support rail into the slots of the end frame and pressing downward.
- Repeat procedure for remaining 3 rails, creating a basic frame for the cabinet. **DO NOT INSTALL ANY SCREWS (E) DURING THIS STEP!**

### STEP 2 – Level the Stand



- Attach the two front feet (**K**) to the bottom of the two corner posts using three M5 x 16,  $\frac{5}{8}$ " (16 mm) long, Hex-Phillips head cap screws (**L**) for each foot. **NOTE:** The threaded bolt on the front foot must extend outward away from the frame (see figure).
- Attach the front foot leveling head (**M**) to the threaded bolt on each front foot (**K**).
- Carefully place the partially assembled stand on the floor where it will be displayed. Adjust the front foot leveling heads (**M**) down so that the front foot roller is just off the floor. Using a level and an adjustable wrench, adjust the two rear leveling legs (**C**) so the unit sits squarely on the floor.

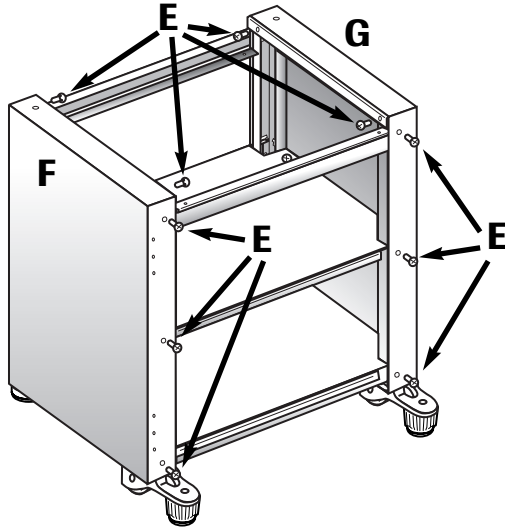
### STEP 3 – Install Shelves



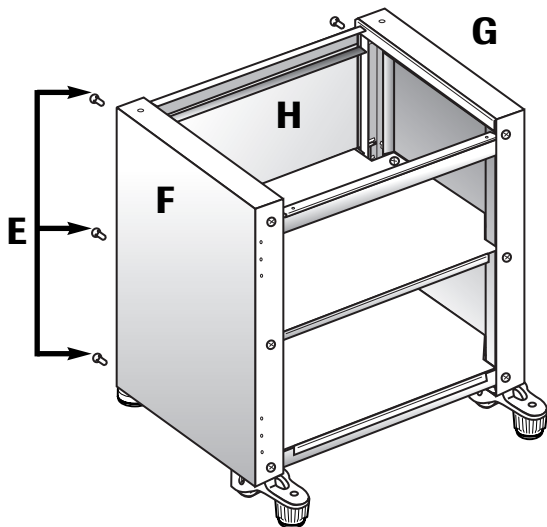
- Place bottom shelf (**D**) on top of lower support rails. Align screw holes and install four pan-head screws (**E**).
- Repeat procedure for center shelf (**D**) which mounts on the four tabs welded to the end frame.

# Assembly

## STEP 4 – Assemble Exterior Panels

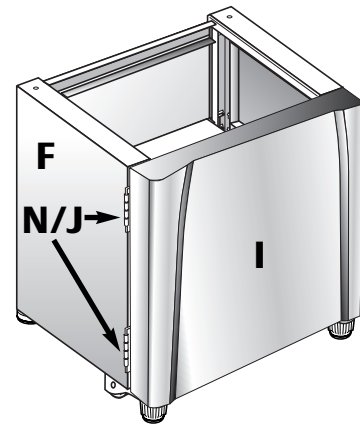


- Lower the top lip of the left side panel (**F**) over the top of end frame, aligning screw holes in side panel with holes in the corner post. Make sure panel is positioned to accommodate hinges for door on front left side. Attach panel by installing three pan-head screws (**E**) down the front of the unit and two pan-head screws (**E**) along the top rail.
- Position the right side panel (**G**) over frame of cabinet, aligning screw holes in side panel with holes in corner post. Attach panel by installing three pan-head screws (**E**) down the front of each side panel and two pan-head screws (**E**) along the top rail.



- Place back panel (**H**) over frame and side panels by aligning screw holes on the back of the unit. Attach back panel using six pan-head screws (**E**). During this process, the screws will also secure the back of the left and right side panels.

## STEP 5 – Attach Door to SkyBase™ Stand



- Position door (**I**) on the front of the stand by aligning screw holes in the hinges (**J**) with hinge holes in the left side panel on the front of the stand.
- Attach door hinges (**J**) to the left side panel (**F**) using three flat-head screws (**N**) in each hinge.

# Assembly

## SkyBox™ Personal Beverage Vendor Top and Door Assembly (Select Packaging Only)

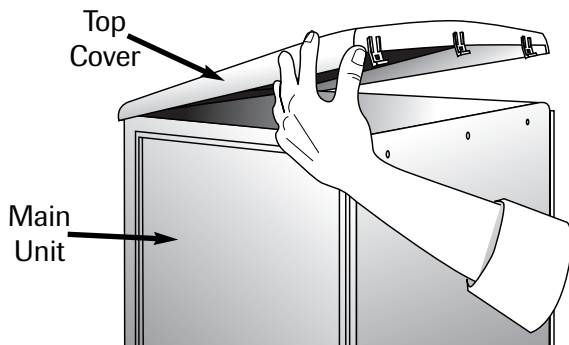
Carefully unpack the SkyBox™ personal beverage vendor from the packaging.

If needed, follow these instructions for attaching the door to the main unit of your SkyBox™ personal beverage vendor.

<u>Parts</u>	<u>Quantity</u>
Top Cover .....	1
Main Unit .....	1
Door .....	1
Door Wire Harness.....	1

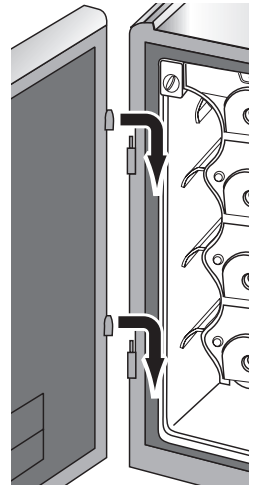
### STEP 1 – Attach Top Cover

- Slide hooks at front of top panel into slots at front of main unit.
- Press top cover down in back so 3 tabs snap securely into place onto back of main unit.



### STEP 2 – Attach Door

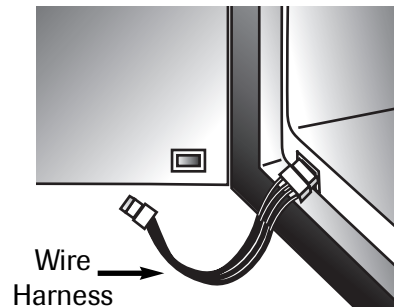
- Align hinges of door to hinge posts on the main unit. Hold door at an angle (**greater than 90°**) from the main unit opening. (**Note:** For your safety, the door will not attach or detach at a 90° angle.)
- Slide hinges down onto hinge posts. Door will slide on easily. **DO NOT FORCE.**



### STEP 3 – Attach Door Wire Harness

#### ⚠ WARNING

Confirm that the electrical cord on the SkyBox™ personal beverage vendor **IS NOT** plugged into an electrical outlet before attaching the door wire harness.



- Attach one end of door wire harness to plug-in on lower left corner of main unit opening, aligning plug with small tab facing up to fit plug-in. **Note:** plug will only fit one direction. **DO NOT FORCE.**
- Attach other end of door wire harness to plug-in on lower right corner of door, aligning plug with small tab facing up to fit plug-in. **Note:** plug will only fit one direction. **DO NOT FORCE.**

# Assembly

## SkyBox™ Personal Beverage Vendor Main Assembly

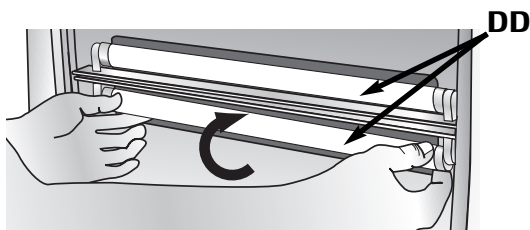
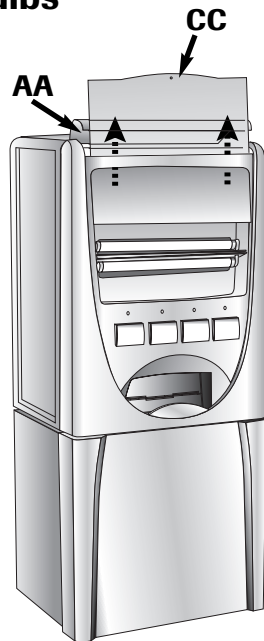
### Tools Needed:

- Phillips head screw driver

Parts	Quantity
<b>AA</b> Graphic Access Cover .....	1
<b>BB</b> Front Display Graphic .....	1
<b>CC</b> Clear Panel .....	1
<b>DD</b> Light bulbs.....	2
<b>EE</b> Beverage Cards .....	4
<b>FF</b> Connecting Bolts: M5 x 20 Hex-Phillips Head Cap Screws - 3/4" (20 mm) long.....	2

### STEP 1 – Install Light Bulbs

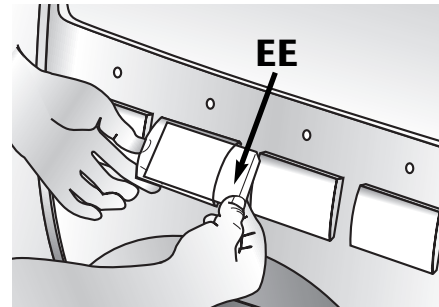
- Make sure SkyBox™ personal beverage vendor is OFF and the power cord is unplugged.
- Flip up the graphic access cover (**AA**), exposing a screw and the top edge of the front graphics panel.
- Remove the screw.
- Slide the front display graphic (**BB**-see page 3) up and out of the personal beverage vendor.
- Lift the clear panel (**CC**) up and out of the unit, exposing the sockets for the light bulbs.



- Remove the two 18" fluorescent light bulbs, type F15T8 15 watt (**DD**) from their packaging and install by sliding them into the light sockets and rotating away from you until they click into place.
- Replace the clear panel (**CC**) and slide the front display graphic (**BB**) back into place in front of the clear panel, behind the lower edge of the frame opening.

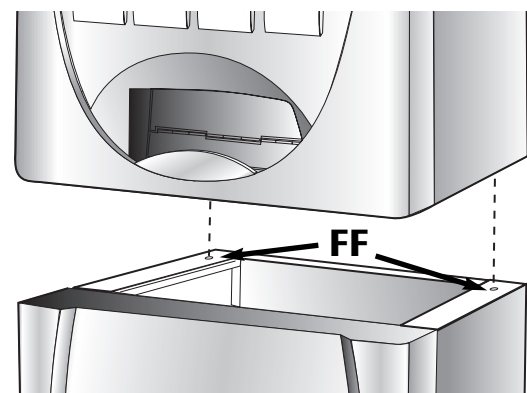
- Reinsert the screw.
- Flip the graphic access cover (**AA**) back down into place.

### STEP 2 – Install Beverage Cards



- Bend beverage cards (**EE**) back at score line, so small fold is away from printed side.
- Gently pull out the bottom edge of the beverage buttons toward you and slide the beverage cards (**EE**) into the buttons, sandwiching them in the small slit between the clear plastic.

### STEP 3 – Attach SkyBox™ Personal Beverage Vendor to SkyBase™ Stand



- Place the SkyBox™ personal beverage vendor on the SkyBase™ stand.
- **IMPORTANT:** Line up holes on bottom of SkyBox™ personal beverage vendor with holes in top of SkyBase™ stand. Carefully thread a connecting bolt (**FF**-see illustration) into each hole up through the inside of the stand and into the hole in the SkyBox™ personal beverage vendor. Secure firmly.

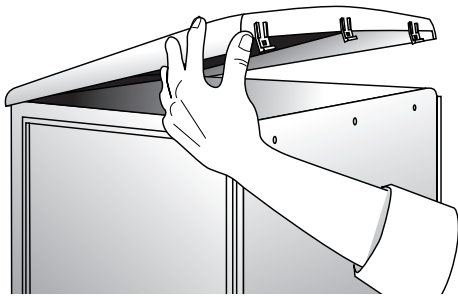
# Assembly

## Changing SkyBox™ Display Graphics

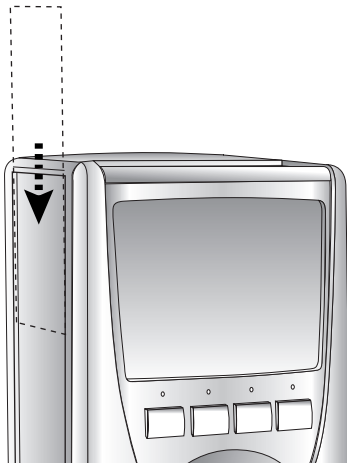
Your SkyBox™ personal beverage vendor comes with a standard front panel. To purchase customized, interchangeable front and side display graphics visit your local retailer or [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).

- Make sure SkyBox™ personal beverage vendor is OFF and the power cord is unplugged.

### STEP 1 – Install Side Display Graphics

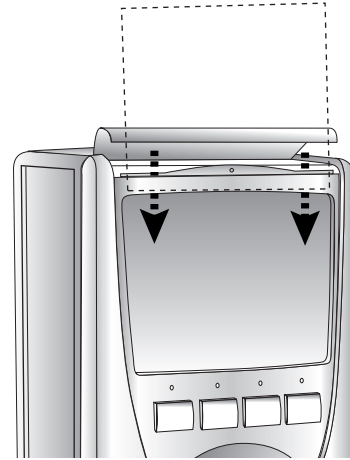


- Remove top of SkyBox™ personal beverage vendor by lifting up the tabs at rear of top panel. Pull top cover back slightly to remove from frame. Set aside.



- Slide one customized display graphic into each side of the SkyBox™ personal beverage vendor, tucking the panels in at the bottom within the grooves in the frame.
- Replace the top cover by sliding hooks into front and then pressing down tabs at the rear.

### STEP 2 – Change Front Display Graphic



- Flip up the graphic access cover, exposing a screw and the top edge of the front display graphic.
- Remove the screw.
- Gently press hands onto front display graphic within frame and slide it up and out of the personal beverage vendor.
- Slide the new customized display graphic into the frame, making sure the panel slides behind the lower edge of the frame opening.
- Flip the display graphic access cover back down into place.

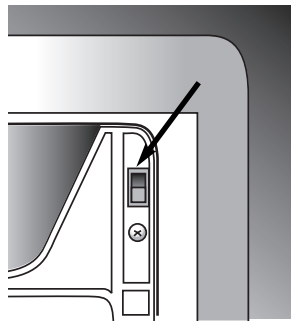


# Operation

1. **ASSEMBLE** the stand and personal beverage vendor (see pages 4-9).
2. **LOAD** personal beverage vendor with beverages (see below).
3. **PLUG UNIT IN** to grounded 3-prong outlet.
4. **TURN LIGHTS** on by pressing switch on the right side of the personal beverage vendor above the keyhole.
5. **SET THERMOSTAT** dial found inside the main unit in the upper left hand corner by turning dial clockwise to desired temperature. The further you turn the dial, the colder the temperature.
6. **ALLOW TO COOL.** After the personal beverage vendor is initially plugged in, it will take approximately 3-4 hours to chill your beverages.
7. **SERVE** yourself and your guests by pressing the corresponding button for the beverage of your choice.

## Child Lock-Out

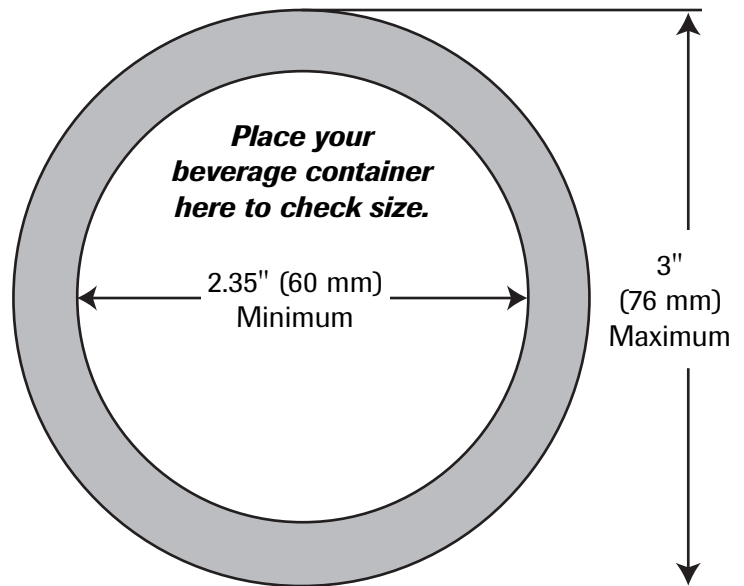
The SkyBox™ personal beverage vendor comes equipped with a Child Lock-Out feature. Simply open the door to the personal beverage vendor and lock each storage bin (or only those bins you wish to lock). To lock, slide down the small switch at the right end of the corresponding storage bin. To unlock the storage bin, slide the switch at the right end of that bin up.



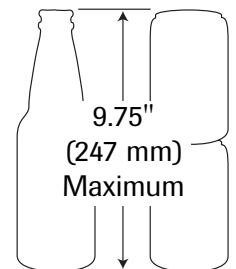
**IMPORTANT:** The Child Lock-Out controls which beverages are dispensed from the SkyBox™ personal beverage vendor. However, to completely secure access to beverages, be sure to use the key provided to **LOCK THE DOOR** to the main unit.

## Loading SkyBox™ Personal Beverage Vendor With Beverages

Your SkyBox™ personal beverage vendor is designed to hold a total of approximately 64 cans, 32 bottles or a combination of both. When stocking your unit, keep the following points in mind:

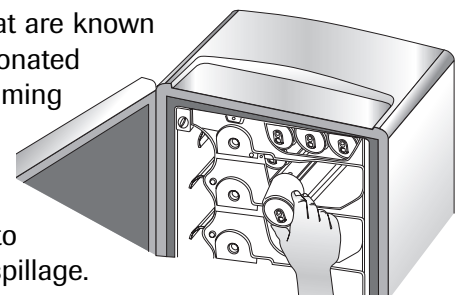


- Beverage containers should be a minimum of 2.35" (60 mm) and a maximum of 3" (76 mm) in diameter.
- Beverage containers should be round, since the dispensing system works in combination with gravity, and the containers need to be able to roll.
- Beverage containers should be no taller than the equivalent of 2 standard soda cans stacked on top of each other or 9.75" (247 mm).



## Loading Tips:

- For smooth operation, **avoid mixing cans and bottles** within a single storage bin.
- For beverages that are known to be highly carbonated (such as high foaming beer), load beverage containers into the lower 2 bins to limit fizzing and spillage.





# Operation

## Beverage Options

The following beverage containers will fit in the main unit of your SkyBox™ personal beverage vendor.

- 12-ounce aluminum beverage cans
- 12-ounce glass beverage bottles
- 12-ounce plastic beer bottles
- 20-ounce plastic water and soda bottles

Each storage bin within the main unit is equipped to dispense bottles or cans.

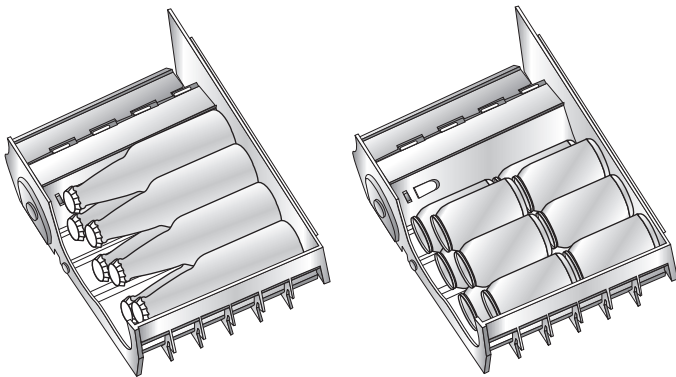
**Highly Carbonated Beverages:** Stock lower storage bins with highly carbonated beverages and make sure they are chilled before dispensing. To avoid overflow spills when experimenting with new, highly carbonated beverages, wait 10-15 seconds before opening dispensed beverage containers, and open carefully over the sink.

**Capacity:** The top storage bin will hold 10 cans or 5 bottles. The bottom 3 storage bins will each hold 18 cans or 9 bottles.

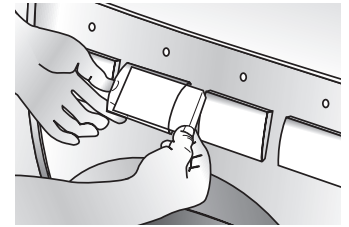
## Important Steps For Loading

Please follow loading instructions. Improper loading may cause the “low-indicator light” above the beverage buttons to illuminate prematurely.

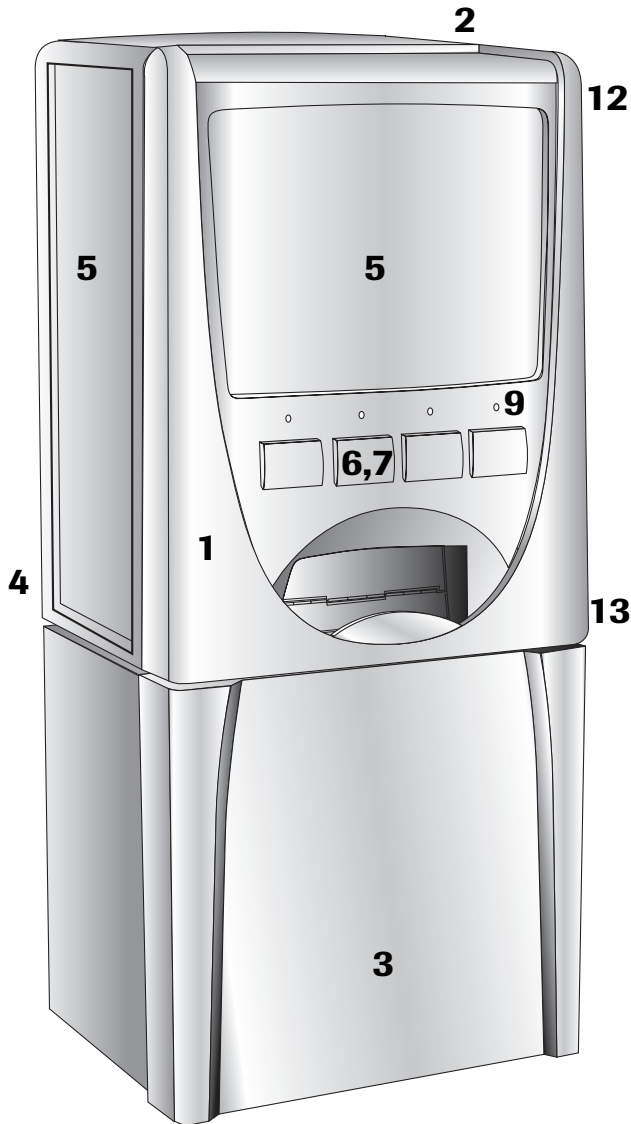
1. Make sure the main unit is OFF and the power cord is unplugged.
2. Open the front door to the main unit, exposing the four storage bins.
3. When loading the beverage containers, be sure to load with the **TOPS TOWARD THE FRONT** (i.e. long-neck bottles with necks towards the front).



4. **IMPORTANT** - Begin loading the left end of the storage bin, placing one beverage container on its side all the way to the back with the top facing forward. If loading cans, push the first one all the way to the back and then place one directly in front.
5. Next, move one space to the right and place another beverage container all the way to the back. If stocking cans, add another directly in front. (See illustration at bottom of page.) Continue until the storage bin is filled. Repeat with remaining storage bins.
6. Once the bins are filled, close the door, plug the power cord into a grounded outlet.
7. Insert corresponding beverage cards into the beverage selection buttons by carefully pulling the bottom edge of the buttons forward and up and slipping in the cards. The far left button corresponds to the top storage bin. The next button to the right matches the storage bin that is second from the top, etc.



# Features



- 1. Personal Beverage Vendor/Main Unit** – The main refrigerated unit is equipped with four storage bins that combine to store up to 64 cans or 32 bottles. Available in either Pitch Black or Grid Iron Platinum, the main unit is designed to complement your customized display panels.
- 2. Beverage Shelf** – The top front area on the personal beverage vendor is designed to hold beverage containers.
- 3. SkyBase™ Stand** – Your SkyBase™ stand, available in Pitch Black or Grid Iron Platinum, safely supports your fully stocked personal beverage vendor. It also offers additional room temperature storage space and includes a shelf.
- 4. Power Cord** – The power cord is designed to operate on a normal 120VAC, 15 amp, 60 cycle line. For your safety, it is equipped with a grounded, 3-prong plug.
- 5. Customized Display Graphics** – Show off your true colors with interchangeable front and side graphics. Unlike your old fridge, the front graphic illuminates just like commercial vending machines. As each new sports season begins, change out your graphics with a new logo. To order new graphics, visit your local retailer or [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).
- 6. Beverage Selection Buttons** – Insert beverage cards for your favorite beverages, and press the buttons to serve yourself and your guests. Unlike industrial vending machines, the SkyBox™ personal beverage vendor operates without coins or dollar bills.
- 7. Interchangeable Beverage Cards** – Your SkyBox™ personal beverage vendor is packaged with 20 beverage cards featuring the top beverages. The beverage buttons carefully pull forward and up, allowing you to insert any card you choose. Order additional brands or replacement cards online at [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).
- 8. Auto-off Sensor** – For safety purposes, any time the door to the refrigerated main unit is opened, the unit will not vend.
- 9. Low-Indicator Light** – Avoid being caught with warm drinks. When your beverage bins get low (3 bottles or 6 cans remaining), the low-indicator light will illuminate above the beverage button to signify that it's time to restock.
- 10. Anti-Fizzing** – The specially designed SkyBox™ personal beverage vendor beverage dispenser smoothly delivers your beverages with little shaking or jostling. That means less foaming when you open your cans or bottles. Be aware that warm beverages are more likely to fizz. Cool beverages prior to dispensing. Refer to pages 10-11 for tips on loading highly carbonated beverages.
- 11. Jam Detector** – In the unlikely event that your unit experiences a jam, the low-indicator lights will flash to identify the problem. Turn the unit off and unplug the power cord before opening the unit to inspect for jams. Refer to page 13 for proper steps to prevent jams.
- 12. Child Lock-Out** – For the safety of children or to control curious pets, your SkyBox™ personal beverage vendor is equipped with a child lock-out feature. Lock individual beverage options or lock them all with an easy flip of a switch. See page 10 for details.
- 13. Main Unit Door Keylock** – Store your beverages securely by locking the door to your main unit using the keyhole on the right side of the main unit.

# Maintenance

## Cleaning

### ⚠ WARNING

To avoid electrical shock, which can cause severe personal injury or death, unplug the refrigerated personal beverage vendor unit before cleaning.

The modular design of your SkyBox™ personal beverage vendor allows for easy cleaning. Most spills can be cleaned up with a damp cloth or sponge. If using a household cleaner, choose a mild, non-abrasive cleaner that will not scratch or dull the surface of your unit. Do not allow beverage spills to stand; clean up right away.

To avoid spills, do not store previously opened or partially consumed bottles/cans in the SkyBox™ personal beverage vendor.

## Removing The Door

1. Make sure the main unit is OFF and the power cord is unplugged.
2. Unplug the door wire harness from the lower right corner of the door and the lower left corner of the personal beverage vendor.
3. Open the door wider than a 90° angle.
4. Lift the door up, releasing the door hinges from the hinge posts.

## Clearing Jams

If a jam occurs, the low-indicator lights will flash to indicate the problem. If a single light is flashing, this indicates that the jam is located within the corresponding storage bin. If all lights are flashing, this indicates the jam is most likely located in the dispensing pathway. Most jams result from improper loading, so please refer to pages 10-11 for proper loading instructions.

**To clear a jam** open the SkyBox™ personal beverage vendor door and inspect the dispensing pathway and the storage bins. Remove or readjust the location of the beverage containers.

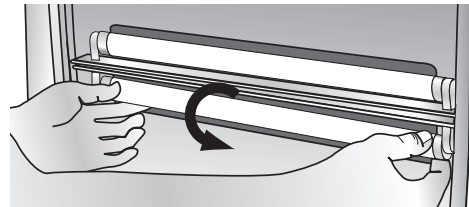
Opening the door to clear the jam will eliminate the blinking lights.

## Consider the following checklist.

- Have you loaded the beverage containers on their sides **all the way to the back** with the **tops facing forward**?
- Are your beverage containers no more than 3" in diameter?
- Are you using cans or bottles of odd shapes or sizes? If so, loading your SkyBox™ personal beverage vendor with a single row of that product may help to reduce jams.
- Is your personal beverage vendor crowded beyond its capacity?
- Has the personal beverage vendor fully cooled down? Some jams are more likely to occur when the vendor is first plugged in and has not fully cooled.

## Replacing Display Panel Light Bulbs

1. Make sure SkyBox™ personal beverage vendor is OFF and the power cord is unplugged.
2. Flip up the graphic access cover, exposing a screw and the top edge of the front display panel.
3. Remove the screw.
4. Slide the front display graphic up and out of the personal beverage vendor.
5. Lift the clear panel up and out of the unit, exposing the sockets for the light bulbs.
6. Remove bulbs by rotating the bulbs toward you.



7. Install new 18" fluorescent bulbs type F15T8, 15 watt by sliding them into the light sockets and rotating the bulbs away from you until they click into place.
8. Replace the clear panel and slide the front display graphic back into place in front of the clear panel, behind the lower edge of the frame opening.
9. Reinsert the screw.
10. Flip the graphic access cover back down into place.

# Before You Call For Service

PROBLEM	POSSIBLE SOLUTION
<p><b>The low-indicator lights are on, but the main unit is not low on beverages.</b></p>	<p>The main unit may be improperly loaded, which will cause the low-indicator light to illuminate prematurely. For example, if cans or bottles are not pushed all the way to the back of the unit, this will cause the low-indicator light to illuminate. Refer to proper loading instructions on pages 10-11.</p>
<p><b>The low-indicator lights are flashing rapidly.</b></p>	<p>The main unit may be jammed, and the light is indicating the problem. Refer to page 13 to clear the jam. To eliminate the blinking lights, simply open and close the personal beverage vendor door.</p>
<p><b>No beverages dispense when beverage button is pushed.</b></p>	<p>Make sure unit is loaded with beverages. Beverages should be loaded on their sides, all the way to the back, with the tops facing towards the front.</p>
	<p>The Child Lock-out feature may be activated. Open the door to the main unit and make sure the lock at the right end of the each storage bin is open (upright position).</p>
	<p>Check for possible jams. See page 13.</p>
	<p><b>NEVER</b> kick, pound or push on the beverage center to attempt to dispense beverages.</p>
<p><b>Beverage center is not cooling.</b></p>	<p>Make sure you are using the main unit rather than the stand for refrigerated storage. The stand is not refrigerated.</p>
	<p>Check to see if the unit is plugged in to a grounded, 3-prong outlet.</p>
	<p>Check thermostat dial in upper lefthand corner of SkyBox™ personal beverage vendor, and turn clockwise all the way to the right.</p>
<p><b>Beverage container jams.</b></p>	<p>See page 13 for suggestions.</p>

# Warranty/ Customer Service

All SkyBox™ by Maytag™ personal beverage vendors are warranted for 1 year from date of purchase against defects in material and workmanship. During this period, any Maytag product that, upon inspection by Maytag, is proved defective will be repaired or replaced, at Maytag's option, without charge to the customer.

This warranty does not apply to any defect arising from a buyer's or user's misuse of the product, negligence, failure to follow Maytag's instructions, use on current or voltage other than that stamped on the product, or alteration or repair not authorized by Maytag. If a replacement product is sent, it will carry the remaining warranty of the original product. Repair or disassembly by anyone other than a Maytag authorized service center will void the warranty.

THE WARRANTIES SET FORTH HEREIN ARE EXCLUSIVE AND NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE MADE BY MAYTAG OR ARE AUTHORIZED TO BE MADE WITH RESPECT TO THE PRODUCT.

## What Is Not Covered By This Warranty:

1. Warranty is void if the original serial numbers have been removed, altered or cannot be readily determined.
2. Products purchased for commercial or industrial use.
3. Consequential or incidental damages sustained by any person as a result of any breach of these warranties. Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above exclusion may not apply.

## Contacting Customer Service:

1. Call MAYTAG Customer Service at 1-877-366-5426 U.S.A. or 1-800-688-2002 Canada. They may be able to assist you with troubleshooting product difficulties. U.S. Customers using TTY for deaf, hearing impaired or speech impaired, call 1-800-688-2080 (Mon.-Fri., 8 a.m.-8 p.m. Eastern Time).
2. Write to MAYTAG, Attn. CAIR® Center, P.O. Box 2370, Cleveland, TN 37320-2370. When writing or calling about a service problem, please include the following information:
  - a. Your name, address and telephone number;
  - b. Model and serial number of the product (the model and serial numbers are on a data label on the back of the vendor);
  - c. A clear description of the problem you are having;
  - d. Proof of purchase (sales receipt).
3. User guides, additional beverage cards, as well as customized side and front panels, are available on-line at [www.skyboxbymaytag.com](http://www.skyboxbymaytag.com).

# Appendix B



# SkyBox™ by Maytag™ SkyBase™ Stand

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## Important Safety Instructions

### What You Need to Know About Safety Instructions

Warning and Important Safety Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when installing, maintaining or operating this appliance.

Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand. Please refer to your SkyBox™ by Maytag™ Personal Beverage Vendor User Guide for Important Safety Instructions.

### Recognize Safety Symbols, Words, Labels

#### **⚠ DANGER**

**DANGER** – Immediate hazards which **WILL** result in severe personal injury or death.

#### **⚠ WARNING**

**WARNING** – Hazards or unsafe practices which **COULD** result in severe personal injury or death.

#### **⚠ CAUTION**

**CAUTION** – Hazards or unsafe practices which **COULD** result in minor personal injury or property damage.



# Product Overview

Your new **SkyBase™ Stand** is a sturdy, level stand that is able to hold approximately 200 pounds of weight and will safely accommodate your fully stocked SkyBox™ personal beverage vendor. The SkyBox™ personal beverage vendor securely mounts to this SkyBase™ stand. The stand also provides additional, unrefrigerated storage. Consider it your bullpen, bench or pit area!

## Installation Location

- SkyBox™ personal beverage vendor is designed for indoor use only with room temperatures between 50° – 80° F (10° – 27° C).
- Allow a minimum of 5" (127 mm) clearance from the door hinges to a side wall to allow the door to swing open. Allow 3" (77 mm) of clearance behind the SkyBox™ personal beverage vendor and 1" (26 mm) clearance on all other sides for ease of installation. Additional space is required above the main unit to change the front or side display panels.

### ⚠ WARNING

- **IMPORTANT:** For safety, the unit should be displayed in a secure, level area, with the back of the unit securely against a wall, with 3" (77 mm) of clearance. The wall installation is to prevent anyone, including children, from getting behind the unit and tipping it over, causing personal injury.

**Important  
Wall  
Installation**



- Use caution when installing the unit on vinyl or hardwood floors so as not to mark or otherwise damage the flooring. A piece of plywood, a rug or other material should be used to protect the floor while positioning the unit.
- Once assembled and loaded with beverages, the SkyBox™ personal beverage vendor with SkyBase™ stand weighs up to 300 pounds (136 kg), so select a location that will not require frequent moving.
- Moving the loaded SkyBox™ personal beverage vendor may cause damage to the unit.

### ⚠ WARNING

To avoid serious risk of injury, **DO NOT** lift or move the SkyBox™ personal beverage vendor and/or SkyBase™ stand when loaded with beverages or when the door is open.

## Assembling Your SkyBase™ Stand

Carefully unpack the stand parts (see below) from the packaging.

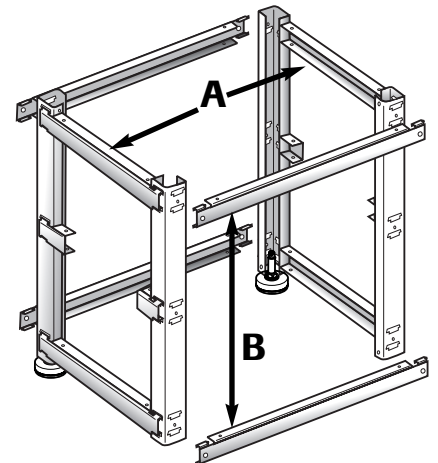
### Tools Needed:

- #2 phillips head screw driver
- Level
- Adjustable Wrench

<u>Parts</u>	<u>Quantity</u>
<b>A</b> End Frame.....	2
<b>B</b> Long Support Rail.....	4
<b>C</b> Rear Leveling Legs (attached to end frames).....	2
<b>D</b> Shelves.....	2
<b>E</b> Pan-Head Screws.....	24
<b>F</b> Left Side Panel (with hinge holes).....	1
<b>G</b> Right Side Panel (with no hinge holes).....	1
<b>H</b> Back Panel.....	1
<b>I</b> Door.....	1
<b>J</b> Hinges (attached to the door).....	2
<b>K</b> Front Foot.....	2
<b>L</b> M5 x 16 Hex-Phillips Head Cap Screw - 5/8" (16mm) long....	6
<b>M</b> Front Foot Leveling Head.....	2
<b>N</b> Flat Head Screws.....	6
<b>1 FF</b> M5 x 20 Hex-Phillips Head Cap Screw - 3/4" (20mm) long....	2

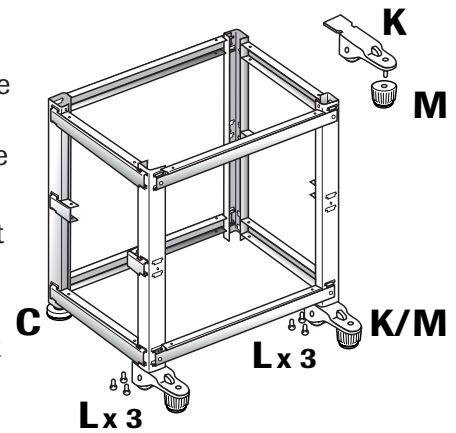
### STEP 1 – Assemble Frame of Stand

- Connect one long support rail (**B**) to one of the end frames (**A**) by inserting the tabs on the support rail into the slots of the end frame and pressing downward. The support rails will temporarily lock into place when pressed downward.
- Connect the other end of support rail to a second end frame (**A**) by inserting the tabs on the support rail into the slots of the end frame and pressing downward.
- Repeat procedure for remaining 3 rails, creating a basic frame for the cabinet. **DO NOT INSTALL ANY SCREWS (E) DURING THIS STEP!**



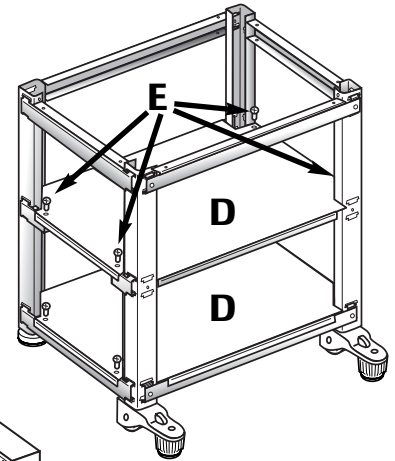
## STEP 2 – Level the Stand

- Attach the two front feet (**K**) to the bottom of the two corner posts using three M5 x 16, 5/8" (16 mm) long, Hex-Phillips head cap screws (**L**) for each foot.  
**NOTE:** The threaded bolt on the front foot must extend outward away from the frame (see figure).
- Attach the front foot leveling head (**M**) to the threaded bolt on each front foot (**K**).
- Carefully place the partially assembled stand on the floor where it will be displayed. Adjust the front foot leveling heads (**M**) down so that the front foot roller is just off the floor. Using a level and an adjustable wrench, adjust the two rear leveling legs (**C**) so the unit sits squarely on the floor.



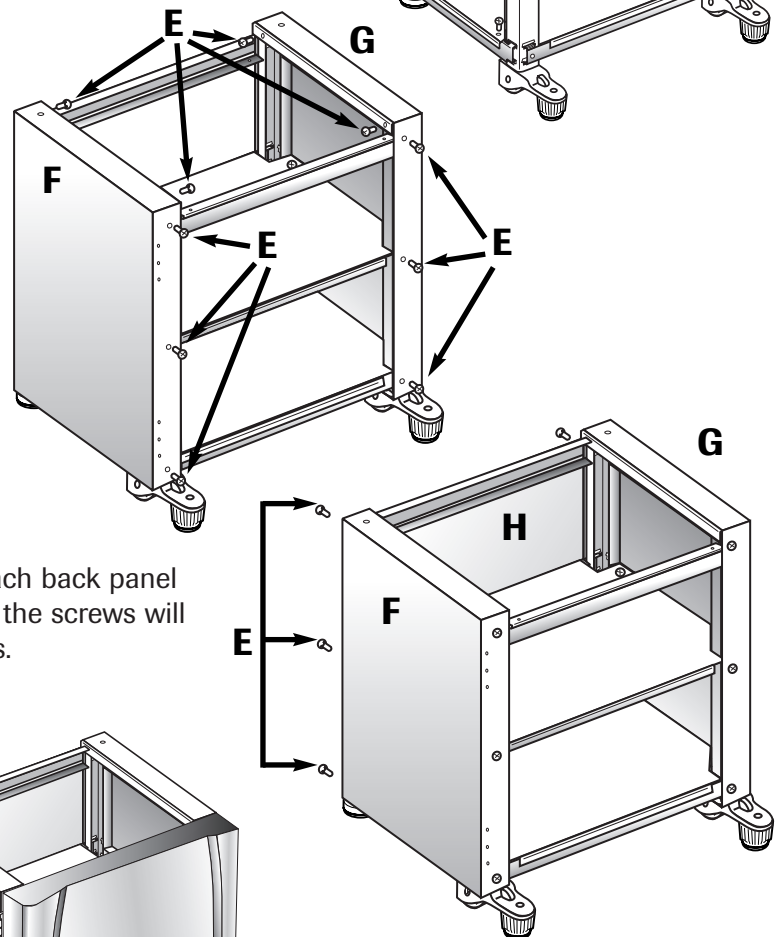
## STEP 3 – Install Shelves

- Place bottom shelf (**D**) on top of lower support rails. Align screw holes and install four pan-head screws (**E**).
- Repeat procedure for center shelf (**D**), which mounts on the four tabs welded to the end frames (**A**).



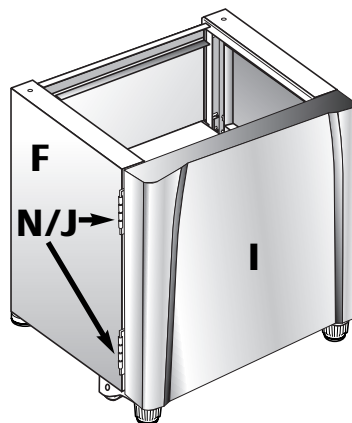
## STEP 4 – Assemble Exterior Panels

- Lower the top lip of the left side panel (**F**) over the top of end frame, aligning screw holes in side panel with holes in the corner post. Make sure panel is positioned to accommodate hinges for door on front left side. Attach panel by installing three pan-head screws (**E**) down the front of the unit and two pan-head screws (**E**) along the top rail.
- Position the right side panel (**G**) over frame of cabinet, aligning screw holes in side panel with holes in corner post. Attach panel by installing three pan-head screws (**E**) down the front of each side panel and two pan-head screws (**E**) along the top rail.
- Place back panel (**H**) over frame and side panels by aligning screw holes on the back of the unit. Attach back panel using six pan-head screws (**E**). During this process, the screws will also secure the back of the left and right side panels.



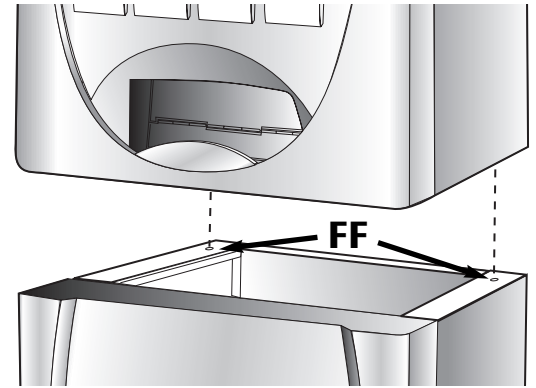
## STEP 5 – Attach Door to SkyBase™ Stand

- Position door (**I**) on the front of the stand by aligning screw holes in the hinges (**J**) with hinge holes in the left side panel on the front of the stand.
- Attach door hinges (**J**) to the left side panel (**F**) using three flat-head screws (**N**) in each hinge.



## Attach SkyBox™ Personal Beverage Vendor to SkyBase™ Stand

- Place the SkyBox™ personal beverage vendor on the SkyBase™ stand.
- **IMPORTANT:** Line up holes on bottom of SkyBox™ personal beverage vendor with holes in top of SkyBase™ stand. Carefully thread a connecting bolt (**FF**—see *illustration*) into each hole up through the inside of the stand and into the hole in the SkyBox™ vendor. Secure firmly.



## Care and Cleaning

### **⚠ WARNING**

To avoid electrical shock, which can cause severe personal injury or death, unplug the refrigerated personal beverage vendor unit before cleaning.

The modular design of your SkyBox™ personal beverage vendor and SkyBase™ allows for easy cleaning. Most spills can be cleaned up with a damp cloth or sponge. If using a household cleaner, choose a mild, non-abrasive cleaner that will not scratch or dull the surface of your unit. Do not allow beverage spills to stand; clean up right away.

To avoid spills, do not store previously opened or partially consumed bottles/cans in the SkyBox™ personal beverage vendor.

## Customer Service

If you have questions regarding your SkyBox™ by Maytag™ Personal Beverage Vendor, call MAYTAG Customer Service at 1-877-366-5426 U.S.A. or 1-800-688-2002 Canada. They may be able to assist you with troubleshooting product difficulties. U.S. Customers using TTY for deaf, hearing impaired or speech impaired, call 1-800-688-2080 (Mon.-Fri., 8 a.m.-8 p.m. Eastern Time).