Manual is for the following model:

GS-3-*21N**

* 0,N,2,B,P,Z,W
**G,I,M,7 plug types

G-3/GS-3
COUNTERTOP COOLER
Manual is for the following models:

GS-3-*21N**

* 0,N,2,B,P,Z,W
**G,I,M,7 plug types
FOR YOUR FUTURE REFERENCE

- This easy-to-use manual will guide you in getting the best use of your cooler.
- Remember to record the model number and the serial number. This information can be found on the inside of your cooler.
- Keep your receipt with this manual for future warranty service.

Model #: __________________________

Serial #: __________________________

Date of Purchase: ___________________

TABLE OF CONTENTS

Parts and Identification ......................................... 2
Safety Instructions .................................................. 3
Installation ................................................................ 3
Electric Connection ............................................... 3
Start .................................................................... 3
Maintenance .......................................................... 4
Cleaning ............................................................... 4
Condenser Maintenance .......................................... 4
Light Replacement .................................................. 4
Power Failure ........................................................ 4
Moving the cooler .................................................. 4
Drip Pan .............................................................. 4
Troubleshooting ..................................................... 5
Refrigerant ........................................................... 5
Specifications ......................................................... 5
Switch Function ..................................................... 6
Flammable R600a Warnings .................................... 6
Circuit Diagram ...................................................... 7
SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shocks, or injury when using your cooler, please note the following basic precautions:

• Never clean appliance parts with flammable fluids.
• Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can cause a fire or explosion.
• As with all electrical appliances, please consult a licensed repair technician for any repairs.
• Do not block the ventilation holes located on the top of the cabinet.

INSTALLATION

• Keep cooler in an upright position for 1-hour prior to use. This is essential for proper operation. If the cooler is transported in the horizontal position, the cooler must be returned to the upright position and not plugged in for 1 hour.
• Remove all the packing material before using your cooler.
• Clean the interior surface with a soft cloth and lukewarm water.
• If the cooler is transported in the horizontal position, check the drain pan and ensure that it is properly positioned above the compressor.
• For proper operation, place the cooler on a dry, level surface.
• Place the cooler at least 4” away from any walls. Otherwise, this could cause damage to the electrical cord and block the air circulation to the appliance.
• Do not block the air intake that ventilates the condenser unit.

ELECTRIC CONNECTION

• This model operates with an 115V/60Hz power supply. Check the electrical outlet for proper voltage.
• Warning: Plug unit directly into wall outlet. Do not use an extension cord or any other multiple connectors.
• For your safety, plug the unit into a grounded wall outlet.

START

• Plug the cooler into the electrical outlet. For optimum performance, run cooler for 3 hours prior to use.
• Temperature Control: Do not adjust the temperature control. The temperature control is factory set to provide maximum performance. If really necessary, you can turn the thermostat by screw driver clockwise to have lower temperature inside the cooler.

LIGHT CONTROL

• The inside light is controlled by the magnetic switch.

PARTS & IDENTIFICATION

1. Foam Cabinet
2. Evaporator
3. Return pipe
4. Evaporator Fan
5. Evaporator Safeguard
6. Evaporator Fan Safeguard
7. Evaporator Fan Cover
8. Rear Grill
9. Door Gasket
10. Glass Door
11. Top Hinge
12. Hinge Cover
13. LED Lights (4)
14. Bottom Hinge
15. Bottom Hinge Washer
16. Lock
17. Key (2)
18. Large Shelf (2)
19. Pilasters (4)
20. Shelf Clips (8)
21. Lockpin
22. Magnetic Switch
23. Condenser Clip (4)
24. Thermostat
25. Transformer 1A
26. Transformer Box
27. Leveling Leg (4)
28. Compressor Base
29. Compressor
30. Drip Pan
31. Thermostat Box
32. Thermostat Box Cover
33. Thermostat Label
34. Switch (2)
35. Filter Drier
36. Condenser Fan
37. Condenser Fan Cover
38. Condenser Fan Cover
39. Power Cord
40. Condenser
SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shocks, or injury when using your cooler, please note the following basic precautions:

• Never clean appliance parts with flammable fluids.
• Do not store or use gasoline or any other flammable vapors and liquids in the vicinity of this or any other appliance. The fumes can cause a fire or explosion.
• As with all electrical appliances, please consult a licensed repair technician for any repairs.
• Do not block the ventilation holes located on the top of the cabinet.

INSTALLATION

• Keep cooler in an upright position for 1-hour prior to use. This is essential for proper operation. If the cooler is transported in the horizontal position, the cooler must be returned to the upright position and not plugged in for 1 hour.
• Remove all the packing material before using your cooler.
• Clean the interior surface with a soft cloth and lukewarm water.
• If the cooler is transported in the horizontal position, check the drain pan and ensure that it is properly positioned above the compressor.
• For proper operation, place the cooler on a dry, level surface.
• Place the cooler at least 4” away from any walls. Otherwise, this could cause damage to the electrical cord and block the air circulation to the appliance.
• Do not block the air intake that ventilates the condenser unit.

ELECTRIC CONNECTION

• This model operates with an 115V/60Hz power supply. Check the electrical outlet for proper voltage.
• Warning: Plug unit directly into wall outlet. Do not use an extension cord or any other multiple connectors.
• For your safety, plug the unit into a grounded wall outlet.

START

• Plug the cooler into the electrical outlet. For optimum performance, run cooler for 3 hours prior to use.
• Temperature Control: Do not adjust the temperature control. The temperature control is factory set to provide maximum performance. If really necessary, you can turn the thermostat by screw driver clockwise to have lower temperature inside the cooler.

LIGHT CONTROL

• The inside light is controlled by the magnetic switch.
MAINTENANCE

Cleaning

- Before cleaning the appliance, always remember to unplug it.
- Unplug the cooler at the electrical outlet; never pull the service cord.
- Do not use sharp or pointed objects for cleaning.
- Clean the inside cabinet of the cooler with a clean damp cloth. Avoid damage by using non-abrasive and non-flammable cleaning products.
- Clean the condenser at least once a month with a vacuum cleaner or a brush to eliminate the dust accumulation.

Light Replacement

- Unplug the cooler before removing the LED light strip.
- Remove the screws.
- Remove the light cover gently.
- Take out the LED light strip.
- Replace the used strip with new equivalent light strip.
- Install the light cover and tighten the screws.
- Plug in the cooler.

Power Failure

- Please minimize the frequency of opening the door during a power failure.
- If your cooler is unused for an extended period of time, unplug, empty, and clean your cooler and keep the door open to avoid condensation, formation of mold, or odors.

Moving The Cooler

- Empty the unit.
- Secure all loose parts inside the cooler.
- Tape the door shut.
- During transportation, make sure that the cooler is in an upright position.

Drip pan

- During normal compressor cycle, water will drain into the drain pan and evaporate.
- To clean, gently pull the drain pan towards you and remove. Slowly reinstall it after cleaning.
TROUBLESHOOTING

If your cooler is not working properly:
- Check the electrical outlet for power, and that the plug is properly inserted.
- Check to see if the circuit breaker is tripped or the fuse is blown.
- Check the condenser for proper cleaning.

If your cooler is making noise:
- Check that the cooler is level and on a flat surface.

If the compressor turns on and off frequently:
- The room temperature is higher than normal.
- The door is not closed completely.
- The door gasket is not sealed well.
- There is insufficient clearance around the cooler.
- The temperature is not set properly.
- The cycling frequency will reduce when all of the cans reach the set temperature.

The following is not a malfunction:
- It is normal to hear gurgling sounds caused by the flow of refrigerant during each cooling cycle.

REFRIGERANT
- The G-3/GS-3 cooler utilizes R600a refrigerant.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model:</th>
<th>G-3/GS-3 Countertop Cooler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Supply (V/Hz):</td>
<td>220v-240V, 50Hz</td>
</tr>
<tr>
<td>Dimension (W x D x H):</td>
<td>18.5” x 21” x 35.25”</td>
</tr>
<tr>
<td>Box Dimension (W x D x H):</td>
<td>20.25” x 22.25” x 36.5”</td>
</tr>
<tr>
<td>Maximum Load Per Shelf:</td>
<td>34 lbs</td>
</tr>
<tr>
<td>NSF-7 Standard:</td>
<td>This equipment is intended for the storage and display of non-potentially hazardous bottled or canned products only.</td>
</tr>
</tbody>
</table>
Special Note: The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children being supervised not to play with the appliance.

1. During user repair Details concerning precautions during user maintenance (instructions shall include information pertaining to the handling, servicing and disposal).
2. Do not store explosive substances such as aerosol cans with a flammable propellant inside the appliance.
3. WARNING – Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
4. WARNING – Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
5. WARNING – Do not damage the refrigerant circuit.
6. WARNING – Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
7. These appliances use flammable insulation blowing gas, please dispose the appliances according to the local regulation
8. Climate Class: 4 (temperature 30%, Humidity 55%).
9. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
14. CAUTION – Risk Of Fire Or Explosion Due To Puncture Of Refrigerant Tubing; Follow Handling Instructions Carefully. Flammable Refrigerant Used.

### SWITCH FUNCTION

For models GS-3-N23EB, GS-3-023EB, GS-3-A23EB, GS-3-223EB

<table>
<thead>
<tr>
<th>Switch Status</th>
<th>Interior LED Switch</th>
<th>Door LED</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>I / I</td>
<td>ON</td>
<td>ON</td>
<td>Interior ON and Door logo ON</td>
</tr>
<tr>
<td>I / O</td>
<td>ON</td>
<td>OFF</td>
<td>Interior ON and Door logo OFF</td>
</tr>
<tr>
<td>O / I</td>
<td>OFF</td>
<td>ON</td>
<td>Interior OFF and Door logo ON, interior LED turns ON when door opens</td>
</tr>
<tr>
<td>O / O</td>
<td>OFF</td>
<td>OFF</td>
<td>Interior OFF and Door logo OFF, interior LED turns ON when door opens</td>
</tr>
</tbody>
</table>

---

**CAUTION FLAMMABLE REFRIGERANT**

- **DANGER** – Risk of Fire or Explosion. Flammable Refrigerant Used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.
- **CAUTION** – Risk of Fire or Explosion. Flammable Refrigerant Used. Consult repair manual/owner’s guide before attempting to install or service this product. All safety precautions must be followed.
- **CAUTION** – Risk of Fire or Explosion. Dispose of properly in accordance with federal or local regulations. Flammable Refrigerant Used.
- **CAUTION** – Risk of Fire or Explosion due to puncture of refrigerant tubing; follow handling instructions carefully. Flammable Refrigerant Used.

Special Note: The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction. Children being supervised not to play with the appliance.

1. During user repair Details concerning precautions during user maintenance (instructions shall include information pertaining to the handling, servicing and disposal).
2. Do not store explosive substances such as aerosol cans with a flammable propellant inside the appliance.
3. WARNING – Keep clear of obstruction all ventilation openings in the appliance enclosure or in the structure for building-in.
4. WARNING – Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
5. WARNING – Do not damage the refrigerant circuit.
6. WARNING – Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
7. These appliances use flammable insulation blowing gas, please dispose the appliances according to the local regulation
8. Climate Class: 4 (temperature 30%, Humidity 55%).
9. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
11. Caution: Risk of Fire / Explosion. Flammable Refrigerant Used. To be repaired only by trained service personnel. Do not puncture refrigerant tubing.
CIRCUIT DIAGRAM
For models GS-3-021N7

CIRCUIT DIAGRAM
For models GS-3-021N7

CIRCUIT DIAGRAM
For models GS-3-221N7
Innovative DisplayWorks, Inc.

To locate the distributor in your area go to: http://www.idw.global/contact/#distributors