

G-Series Cooler Instruction Manual G-26c/GCG-26c

Models: Listed on Inside Cover

••••••••••••••••••••••• •••••••••••••••••••••••••••••• •••••••••••••••••••••••• ••••••••••••••••••••••••••••••••••• •••••••••••••••••••••••• ••••••••••••••••••••••• -----------







......

G-Series Cooler Instruction Manual

G-26c/GCG-26c

....................... •••••••••••••••••••••••••••• ••••••••••••••••••••••• •••••••••••••••••••••••• ••••••••••••••••••••

G-26c/GCG-26c

Models: G-26-C334B G-26-CB334B G-26-CP334B G-26-CW334B G-26-C334B-HC G-26-CP334B-HC GCG-26-C334B GCG-26-CB334B GCG-26-C2334B GCG-26-CP334B GCG-26-CW334B GCG-26-CW2334B GCG-26-CZ334B GCG-26-CZ2334B GCG-26-CA334B GCG-26-C334B-HC GCG-26-C2334B-HC GCG-26-CP334B-HC GCG-26-CA334B-HC

G-26c/GCG-26c(K)

Models: G-26-C934B G-26-CB934B G-26-CP934B G-26-CW934B G-26-CZ934B G-26-C934B-HC G-26-CP934B-HC G-26-CZ934B-HC G-26-CB934B-HC G-26-CW934B-HC GCG-26-C934B GCG-26-CB934B GCG-26-C2934B GCG-26-CP934B GCG-26-CW934B GCG-26-CW2934B GCG-26-CZ934B GCG-26-CZ2934B GCG-26-CP2934B GCG-26-C934B-HC GCG-26-C2934B-HC GCG-26-CP934B-HC GCG-26-CP2934B-HC GCG-26-CW2934B-HC GCG-26-CB934B-HC GCG-26-CW934B-HC GCG-26-CZ934B-HC GCG-26-CZ2934B-HC GCG-26-CA934B GCG-26-CA2934B GCG-26-CA934B-HC GCG-26-CA2934B-HC

TABLE OF CONTENTS

Parts & Identification
Safety Precautions
Installation
Ambient Environment
Preparation Prior to Operation
Electrical Requirements
Flammable Refrigerant Warnings
Leveling
Shelving Installation
Interior Light Replacement
Door LED Light Replacement
Canopy Light Replacement
Canopy Graphic Replacement
Setting Up Power Cord Holder
Startup, Operation & Temperature Adjustm
Lit Door 'Logo' Switch
Controlling Motion Logo
Maintenance
Condenser
Cleaning
Specifications
Troubleshooting
G-26c Circuit & Electrical Wiring Diagrams
GCG-26c Circuit & Electrical Wiring Diagra
5 5

For Future Reference

- found on the inside of your cooler.
- Keep your receipt with this manual for future warranty service.

Model #:

Serial #:

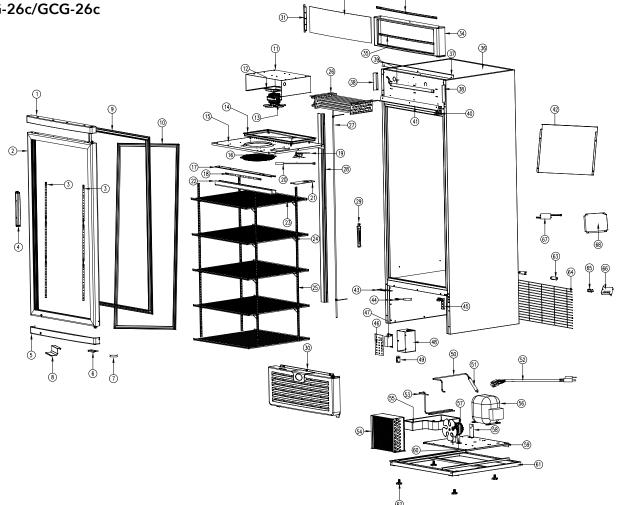
Date of Purchase:

.....46666777889910 ment......101011111213 s.....14-16 rams.... 17-19

• 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

PARTS & IDENTIFICATION

G-26c/GCG-26c



1	Top Plastic	Strin of	Glass	Door
	TOP I TUSTIC	JIIIP UI	Uluss	0001

- Glass Door 2
- LED Light in the Glass Door 3.
- Door Handle
- Low Plastic Strip of Glass Door
- Door Limiter
- Door Switch on Glass Door
- Door Support
- LED Light Cover (4)
- 10 Door Gasket
- Side Panel 11
- Fan Support 12.
- 13. Evaporator Fan
- 14 Water Container
- 15. Control Panel
- 16. Fan Guard
- 17. Lamp Stand
- 18. LED Light

- 19. Thermosta 20. Sensor 21. Thermostat Panel LED Light Cover 22. 23. Shelf (6) 24. Shelf Clips (24) 25. Pilasters (4) 26. Evaporator Return Pipe 27. 28. Return Pipe Cover 29. Thermometer 30. Grill 31. Inserts 32. Light Canopy Cover Top Strip Inside Light Canopy 33. 34. Outline Border of Light Canopy 35.
- Low Strip Inside Light Canopy 36.
 - Foam Cabinet

- 37. Top Frame of Light Canopy Left and Right Support of Light
- 38. Canopy (2)
- 39. LED Light Inside Light Canopy
- Top Hinge 40.
- 41. Low Frame of Light Canopy
- 42. Plenum
- Bracket for Grill 43. 44
- Magnetic Switch
- Lower Hinge 45.
- 46. Electric Box Cover
 - Transformer for LED Light
- 47. 48 Electric Box
- Electric Relay 49.
- 50. Connecting Tube for Filter Dryer
- 51. Filter Dryer
- 52. Power Cord
- 53. Connecting Tube for Condenser

- 54. Condenser 55. Drain Pan 56. Compressor 57. Condenser Fan 58. Filter Dryer Bracket Upper Baseboard 59. 60. Fan Support
- Lower Baseboard 61.
- Leveling Legs (4) 62.
- Bumper Block (2) 63.
- 64. Compressor Guard

LED Controller

68. Power Supply Cover

65. Light Switch (2) Bracket for Light Switch 66.

67.

1. When using this appliance, always follow the basic safety precautions:

SAFETY INSTRUCTIONS

- 2. Read the entire User's Manual before operating this appliance.
- 3. Use this appliance only for its intended purpose as described in this User's Manual.
- 4. This appliance must be properly installed in accordance with the installation instructions before being used.
- 5. IDW requires that a dedicated circuit be used for the unit. Failure to do so voids warranty.
- 6. Never unplug your cooler by pulling on the power cord. Always grasp the plug firmly and pull it straight out from the outlet.
- 7. Unplug your appliance before cleaning or making any repairs. Note: If for any reason this product requires service, we strongly recommend that a certified technician perform the service.
- 8. When disconnecting the power source, wait at least 5 minutes to reconnect the power to avoid damage to the compressor and the cooling system.
- 9. Immediately repair or replace all electrical cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length, the plug or the connector end.
- 10. Do not operate or store your appliance near or around explosive fumes, gasoline or other flammable vapors and liquids.
- 11. Do not use flammable liquids to clean unit.
- 12. Setting the temperature control to the 0 position does not remove power to the light circuit, perimeter heaters, or evaporator fans.
- 13. Do not adjust the temperature control. The temperature control is factory set for maximum performance.



PLEASE SAVE THESE INSTRUCTIONS!

DANGER!

PROPER DISPOSAL OF THE REFRIGERATOR

Pre-Caution, Non-Operating Coolers Should Have:

- 1. Door removed.
- 2. Shelves kept in place in order to prevent any small child from climbing inside cooler.

For Proper Disposal of Cooler:

Distributors/retailers need to contact a qualified service technician:

- 1. To recover all refrigerant from the cooler
- 2. To remove the compressor or remove the oil from the compressor

Then the distributor/retailer can contact their local metal recycling center to pick up the remaining cabinet, shelves, etc. By law, disposal of hazardous wastes may be subject to fines and imprisonment under the provisions of the environmental regulations. For more information please visit: <u>http://www.epa.gov/</u> osw/hazard/index.htm

INSTALLATION

Installation of the cooler must be done according to applicable local codes or equivalent.

Ambient Environment

- Place cooler on an even surface to reduce vibration and noise.
- To transport, do not tilt the cooler beyond a 45 degree angle.
- Do not place cooler in direct sunlight or near any heat sources.
- Do not place cooler in environment temperatures that exceed 80°F.
- Do not place cooler in below normal temperatures.
- Do not place cooler in extreme humid environments, this may cause components to rust.

Preparation Prior to Operation

- Remove all packaging materials before using cooler. This includes: foam pedestal, adhesive tape (used to fix accessories) and protective gaskets.
- Inspect cooler for concealed damage. Immediately file a claim with the freight carrier if there is damage. IDW is not responsible for damage incurred during shipping.
- Cooler must remain unplugged in an

Electrical Requirements

- This model operates with a 110-120V/60Hz power supply. Check the electrical outlet for proper voltage.
- Dedicate one outlet for the use of the cooler.
- Do not use an extension cord or any other multiple connectors as this can lead to compressor failure.
- If the cord is damaged, it must be replaced.

- Do not place cooler near constant running or splattering water, this may cause immediate damage to refrigeration system.
- Must allow at least 4" between rear of cooler and wall for proper ventilation and heat dissipation of cooler.
- Do not place furniture or other articles with sharp edges near the cooler in order to prevent damage to the glass door.
- This cooler is for indoor use.
- Place unit in it's final location, making certain • there is adequate ventilation in the room.

WARNING: Warranty is void if ventilation is insufficient.

upright position for 1 hour prior to use.

- Clean the interior surface with a soft cloth and lukewarm water before operation.
- Ensure that drain hose or hoses are positioned in the pan.
- Remove plug and cord from inside the lower rear of the cooler.
- The unit should be placed close enough to the electrical supply so that extension cords are not used.
- For your safety, plug the unit into a grounded wall outlet. Please check with a certified electrician for details.

WARNING: Do not use extension cords. WARNING: Compressor warranties are void if compressor burns out due to low voltage.

WARNING: Power cord ground pin must NOT be removed!



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.
- CAREFUL Handling, moving and operating of the refrigerator or freezer to avoid either damaging the refrigerant tubing, or increasing the risk of a leak.
- CAUTION Component parts shall be replaced with like components and that servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service.

LEVELING

• Set unit in its final location making certain there is adequate ventilation in the room.

WARNING: Warranty is void if ventilation is insufficient.

- Proper leveling of the cooler is critical to it operating correctly. Condensation removal and door operation are both affected by leveling.
- The cooler should be leveled front to back and side to side with a level.
- Ensure the drain hose or hoses are positioned in the pan.
- Remove the plug and cord from inside the lower rear of the cooler.
- The unit should be placed close enough to the electrical supply so that extension cords are never used.

SHELVING INSTALLATION





Securely insert shelf clips into pilasters

shelf lays flat

Shelf clips should be level so

(Maximum load per shelf is 123 lbs)

Display refrigerators can be loaded within the shelf dimensions from the front to back side. They can also be loaded in any space from the bottom to the top interior cabinet. Do not allow product to block the evaporator fan cover because the evaporator fan helps the cooler to ventilate properly.

INTERIOR LIGHT REPLACEMENT

Instructions are as follows:



1 Press two sides of plastic cover by the fingers and remove it.



2 Disconnect the lights.



3 Unscrew all screws using a Phillip's screwdriver.



4 Remove LED light strand.





5 To install LED lights follow the above directions in reverse order.

CANOPY LIGHT REPLACEMENT

Instructions are as follows:



1 Unscrew the graphic holder on the left hand side of the canopy.





4 Hold the LED light, tilt slightly, and then remove it from the bracket..

CANOPY GRAPHIC REPLACEMENT

DOOR LED LIGHT REPLACEMENT

1 Unplug Cooler



2 Remove plastic cover.

5 Unscrew light strand.



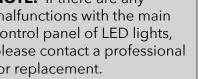
3 Disconnect top light strand.



4 Disconnect middle light strand.

NOTE: If there are any malfunctions with the main control panel of LED lights, please contact a professional for replacement.

- **6** Remove entire light strand.
- 7 To install LED lights follow the above directions in reverse order.



Instructions are as follows:



- **1** Unscrew the graphic holder on the left hand side of the canopy.



G-26c/GCG-26c





2 Carefully slide out the entire **3** Disconnect the light.



5 To Install LED lights follow the above directions in reverse order.

graphic.

3 Replace with new graphic.



2 Carefully slide out the entire **4** Secure the graphic holder by fastening the screw.

SETTING UP SPACERS & POWER CORD HOLDERS

These coolers are supplied with one set (2 pieces) of Spacers to hold the extra length of Power Cord.



1 Take out the two Spacers and Screws supplied in the Accessory Pack shipped with the Cooler.



2 Use a Phillips screwdriver to secure the two Spacers onto the rear of the cooler.

START-UP, OPERATION AND TEMPERATURE ADJUSTMENT

Operation

Prior to stocking cooler with product, it should be operated empty for half an hour.

Temperature Adjustment



Performance tested position of the thermostat is between 4-6.

Switch Operation for Lit Door Logo





For GCG coolers only. The light switch located at the bottom left hand side. on the rear of the cabinet, is the ON/ OFF switch for the Lit logo located on the door of cooler.

Button for Changing Motion Logo Modes



Mode 1: The logo lights are permanently lit and do not sequence.

Mode 2: The logo lights sequence showing the bottle emptying and flashing full. This is the default setting.

Please Note: When replacing the controller, remove four (4) screws on the rear cover plate to gain access.



MAINTENANCE

Condenser

It is essential to keep the condenser coils clean and free of dust and debris at all times. It is required to periodically clean the condenser coils with a soft bristle brush or vacuum-cleaner to properly maintain the refrigeration system. Failure to clean the condenser at regular intervals may cause failure of the refrigeration system and could void the warranty.





1 Remove the rubber cap from the front grill.



Cleaning

- Unplug the cooler before cleaning.
- Use a soft cloth or sponge with soap and water (non-corrosive mild detergent), while cleaning. After cleaning, wipe the cooler using a dry cloth to prevent the cooler from rusting.
- Do not spray water on the cooler, and do not use hard or steel brushes to clean the cooler.
- Do not use organic solvents, boiling water, scrubbing powders or acids while cleaning.
- A drain or waste outlet **may** be provided for draining of a display refrigerator. **If** a display refrigerator drain is provided for flushing, it will have a minimum internal diameter of 1" (25mm)

If the cooler will be in a non-operational state for a long period of time, clean as instructed above, and keep the door open until interior is dry.



2 Using a small Phillips head screwdriver and remove the screws as shown.



3 The front grill can now be removed by pulling it up.

4 Using plastic bristle brush, carefully clean the condenser being aware that coils can bend or be damaged if too much force is used.

5 Replace grill and use the Phillips screwdriver to tighten the screws into place, replace the rubber caps.

SPECIFICATIONS

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT	
G-26-C334B G-26-CB334B G-26-CP334B G-26-CW334B G-26-C334B-HC G-26-CP334B-HC				13 W		
GCG-26-C334B GCG-26-CB334B GCG-26-C2334B GCG-26-CP334B GCG-26-CW334B GCG-26-CW2334B GCG-26-CZ334B GCG-26-CZ334B GCG-26-CZ334B-HC GCG-26-C2334B-HC GCG-26-CP334B-HC	22.6ft ³				20 W	R290/140g
GCG-26-CA334B GCG-26-CA334B-HC			-120V/60Hz 2.7A	23 W		
G-26-C934B G-26-CB934B G-26-CP934B G-26-CW934B G-26-C2934B G-26-C934B-HC G-26-C934B-HC G-26-C2934B-HC G-26-C2934B-HC G-26-CB934B-HC G-26-CW934B-HC		110-120V/60Hz		13 W	R290/83g	
GCG-26-C934B GCG-26-CB934B GCG-26-CP934B GCG-26-CP934B GCG-26-CW934B GCG-26-CW2934B GCG-26-CZ2934B GCG-26-CZ2934B GCG-26-CP2934B-HC GCG-26-CP934B-HC GCG-26-CP934B-HC GCG-26-CP934B-HC GCG-26-CW2934B-HC GCG-26-CW934B-HC GCG-26-CW934B-HC GCG-26-CZ934B-HC GCG-26-CZ934B-HC	22.3ft³			20 W		
GCG-26-CA934B GCG-26-CA2934B GCG-26-CA934B-HC GCG-26-CA2934B-HC				23 W		
NSF/ASNI-7: Type II Display Refrigerator A display refrigerator intended for use in an area where the environmental conditions are controlled and maintained so that the ambient temperature does not exceed 80°F (27°C).						



TROUBLESHOOTING

The following are NOT malfunctions:

	_
Situation	
Liquid flowing noise within cooler	
Refrigeration system is shutdown for longer periods of time while temperature inside is still very low	
Condensation on door/lid	

- accidentally becoming trapped inside the cooler.

Prior to calling service, check the following:

lssues	Solutions
Cooler is not working properly	Please check Check the Check to s Check if th Check for
Cooler is not keeping product cool	Provide arKeep unitKeep the ofBe certain
Excessive noise	Be certainBe certain
Compressor turns on and off frequently	 The room The door The door There is in There is therm The therm The frequences the set temper

AFTER SALES SERVICE

Any product has the possibility of malfunction. Please observe the cooler's operation and any changes to product being stored. If there are any abnormal cases, refer to the table below. If there is still no change after following the below instructions, please inform our service center in a timely manner to avoid a further loss of the unit.

Information to provide to your qualified service professional:

- Serial number from the interior wall of th cooler
- Coolers' installation address and contact information
- Installation location hours and operation
- Nature of problem •
- Any reports of power interruptions

Causes

- This is the sound of the cooling agent flowing through the pipes.
- This refrigerator is well insulated and can maintain a relatively ambient temperature.
- This may be due to a high indoor humidity or the cooler's temperature is set too low. Wipe the door dry with a towel.

1 This refrigerator has been designed and manufactured according to National standards. If there are any questions during use, refer to this operation manual to help troubleshoot problems.

2 When disposing of the cooler, please remove the door/lid and lock assembly to avoid children

c power supply:

- e electrical outlet for power, and that the plug is properly inserted.
- see if the circuit breaker is tripped or the fuse is blown.
- he condenser is free of dirt and debris.
- · low voltage

mple space between all products to ensure proper circulation of air. away from direct sunlight or other heating source. door closed as often as possible.

n the cooler is not touching external objects or walls.

the cooler is placed on a level surface. the cooler is not touching external objects or walls.

temperature is higher than normal.

is not closed completely.

gasket is not sealed properly.

nsufficient clearance around the cooler.

nostat is not set properly.

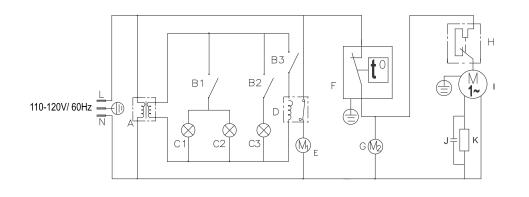
uency of cycling will be reduced when all of the product reaches the

erature.

he	Recent service or maintenance completed
	on the cooler
ct	Has the cooler been relocated from original
	installation location
n	 Clear access to the cooler
	 Coolers' instruction manual

CIRCUIT DIAGRAM (G-26C)

FOR MODELS: G-26-C334B, G-26-CB334B, G-26-CP334B, G-26-CW334B, G-26-C334B-HC, G-26-CP334B-HC



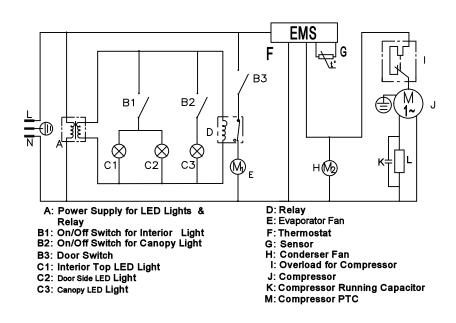
A: Power Supply for LED Lights & Relay B1: On/Off Switch for Interior Light B2: On/Off Switch for Canopy Light B3: Magnetic Door Sensor C1: Interior Top LED Light

C2: Door Side LED Light C3: Canopy LED Light D: Relay for Evaporator Fan E: Evaporator Fan F: Thermostat

G: Conderser Fan H: Overload for Compressor I: Compressor J: Compressor Running Capacitor K: Compressor PTC

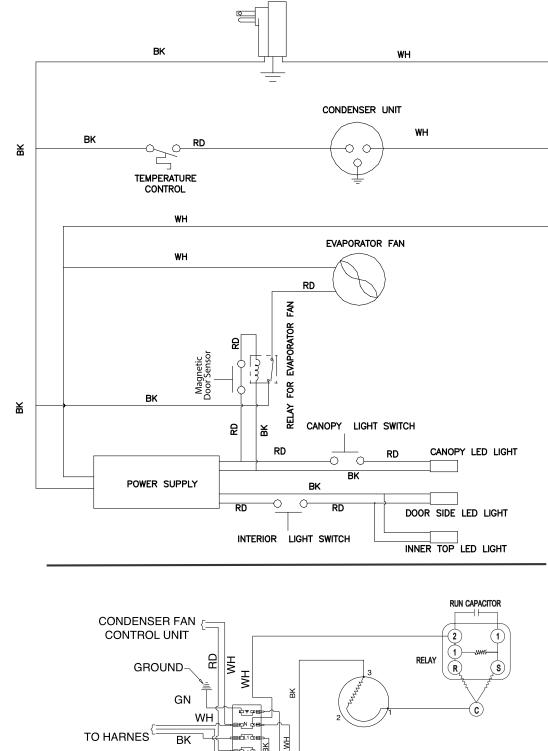
CIRCUIT DIAGRAM (G-26C (K))

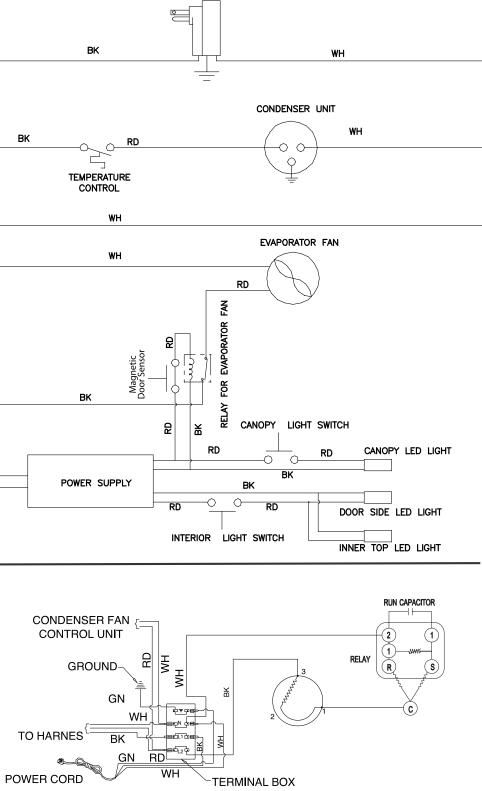
FOR MODELS: G-26-CB934B, G-26-CP934B, G-26-CW934B, G-26-CZ934B, G-26-C934B-HC, G-26-CP934B-HC, G-26-CZ934B-HC, G-26-CB934B-HC, G-26-CW934B-HC





ELECTRICAL WIRING DIAGRAM (G-26C)

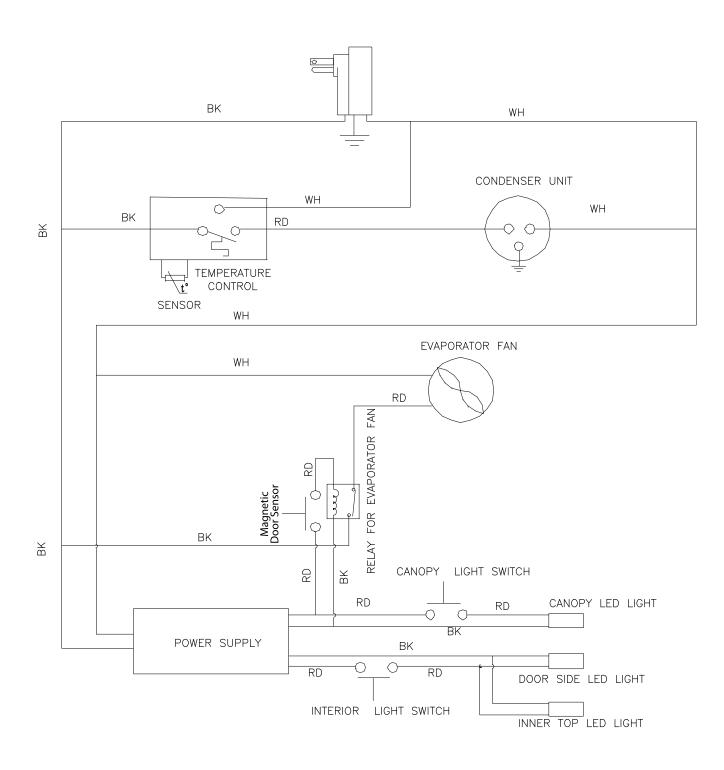




FOR MODELS: G-26-C334B, G-26-CB334B, G-26-CP334B, G-26-CW334B, G-26-C334B-HC, G-26-CP334B-HC

ELECTRICAL WIRING DIAGRAM (G-26C (K))

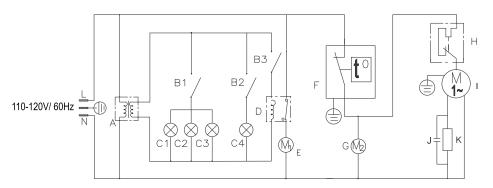
FOR MODELS: G-26-CB934B, G-26-CP934B, G-26-CW934B, G-26-CZ934B, G-26-C934B-HC, G-26-CP934B-HC, G-26-CZ934B-HC, G-26-CB934B-HC, G-26-CW934B-HC





CIRCUIT DIAGRAM (GCG-26C)

FOR MODELS: GCG-26-C334B, GCG-26-CB334B, GCG-26-C2334B, GCG-26-CP334B, GCG-26-CW334B, GCG-26-CW2334B, GCG-26-CZ334B, GCG-26-CZ2334B, GCG-26-CA334B, GCG-26-C334B-HC, GCG-26-C2334B-HC, GCG-26-CP334B-HC, GCG-26-CA334B-HC

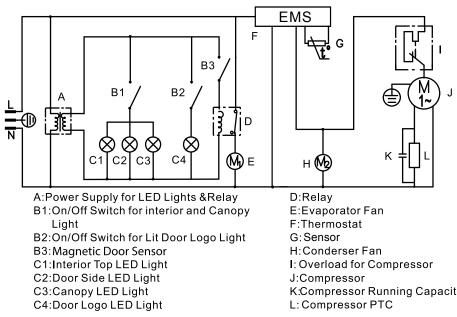


A: Power Supply for LED Lights &Relay	(
B1: On/Off Switch for interior light and Canopy	(
Light	(
B2: On/Off Switch for Lit Door Logo Light	[
B3: Magnetic Door Sensor	E
C1: Interior Top LED Light	F

C2: Door Side LED Light C3: Canopy LED Light C4: Door Logo LED Light E: Evaporator Fan F: Thermostat

CIRCUIT DIAGRAM (GCG-26C (K))

FOR MODELS: GCG-26-CB934B, GCG-26-C2934B, GCG-26-CP934B, GCG-26-CW934B, GCG-26-CW2934B, GCG-26-CZ934B, GCG-26-CZ2934B, GCG-26-CA934B, GCG-26-CP2934B, GCG-26-CA2934B, GCG-26-C934B-HC, GCG-26-C2934B-HC, GCG-26-CP934B-HC, GCG-26-CA934B-HC, GCG-26-CP2934B-HC, GCG-26-CA2934B-HC, GCG-26-CW2934B-HC, GCG-26-CZ934B-HC, GCG-26-CZ2934B-HC

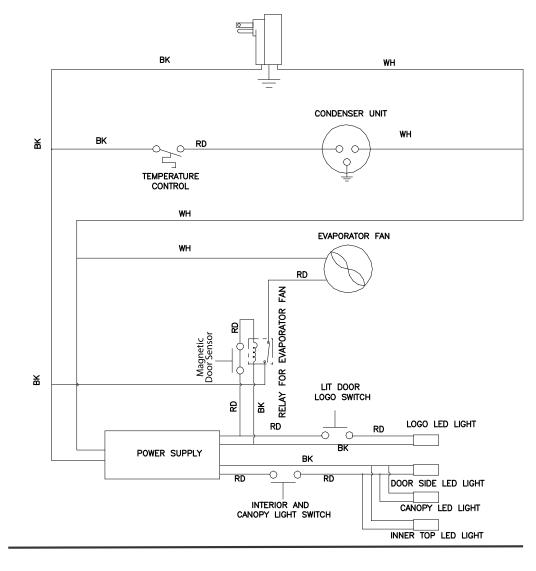


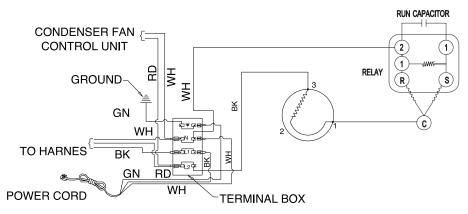
G: Conderser Fan H: Overload for Compressor : Compressor D: Relay for Evaporator Fan J: Compressor Running Capacitor K: Compressor PTC

- K:Compressor Running Capacitor

ELECTRICAL WIRING DIAGRAM (GCG-26C)

FOR MODELS: GCG-26-C334B, GCG-26-CB334B, GCG-26-C2334B, GCG-26-CP334B, GCG-26-CW334B, GCG-26-CW2334B, GCG-26-CZ334B, GCG-26-CZ2334B, GCG-26-CA334B, GCG-26-C334B-HC, GCG-26-C2334B-HC, GCG-26-CP334B-HC, GCG-26-CA334B-HC

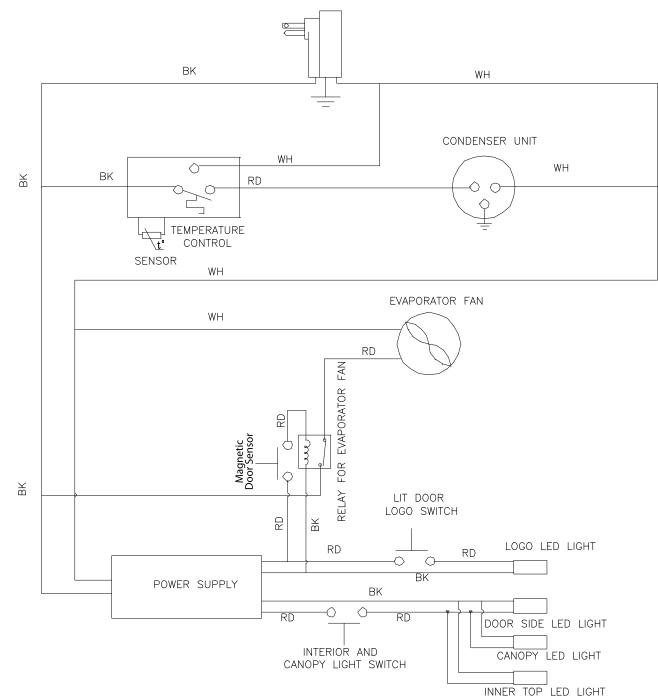






ELECTRICAL WIRING DIAGRAM (GCG-26C (K))

FOR MODELS: GCG-26-C934B, GCG-26-CB934B, GCG-26-C2934B, GCG-26-CP934B, GCG-26-CW934B, GCG-26-CW2934B, GCG-26-CZ934B, GCG-26-CZ2934B, GCG-26-CA934B, GCG-26-CP2934B, GCG-26-CA2934B, GCG-26-C934B-HC, GCG-26-C2934B-HC, GCG-26-CP934B-HC, GCG-26-CA934B-HC, GCG-26-CP2934B-HC, GCG-26-CA2934B-HC, GCG-26-CB934B-HC, GCG-26-CW934-HC, GCG-26-CW2934B-HC, GCG-26-CZ934B-HC, GCG-26-CZ2934B-HC



G-26c/GCG-26c



Innovative DisplayWorks, Inc.

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