G-Series Cooler

Instruction Manual

G/GCG9, G/GCG9f, G/GCG9.5,
G/GCG-10f, G/GCG11-54,
G/GCG11-74, G/GCG-12f, G/GCG-28

Models: Listed on Inside Cover

G-9

GCG-9

G11-54

GCG11-54

G-9f

GCG-9f

G11-74

GCG11-74

G-9.5

GCG-9.5

G-12f

GCG-12f

G-28

GCG-28

G-10f

GCG-10f

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G-Series Cooler

Instruction Manual

G/GCG9, G/GCG9f, G/GCG9.5, G/GCG-10f, G/GCG11-54, G/GCG11-74, G/GCG-12f, G/GCG-28

G/GCG-9 Models:
G-9
G-9-N334B
G-9-B334B
G-9-S334B
G-9-Z334B
G-9-P334B
G-9-W334B
G-9-N334B-HC
G-9-S33EB-HC
G-9-P33EB-HC
G-9-N934B
G-9-B934B
G-9-S934B
G-9-Z934B
G-9-P934B
G-9-W934B
G-9-N934B-HC
G-9-S934B-HC
G-9-P934B-HC
G-9-P934B-HC
GCG-9
GCG-9-N334B
GCG-9-B334B
GCG-9-B2334B
GCG-9-2334B
GCG-9-S334B
GCG-9-2S334B
GCG-9-BS334B
GCG-9-Z2334B
GCG-9-Z334B
GCG-9-P334B
GCG-9-W334B
GCG-9-W2334B
GCG-9-A334B
GCG-9-N334B-HC
GCG-9-2334B-HC
GCG-9-S334B-HC
GCG-9-2S334B-HC
GCG-9-P334B-HC
GCG-9-A334B-HC
GCG-9-N934B
GCG-9-B934B
GCG-9-B2934B
GCG-9-2934B
GCG-9-S934B
GCG-9-2S934B
GCG-9-BS934B
GCG-9-Z2934B
GCG-9-Z934B
GCG-9-P934B
GCG-9-W934B
GCG-9-W2934B
GCG-9-A934B
GCG-9-N934B-HC
GCG-9-2934B-HC
GCG-9-S934B-HC
GCG-9-2S934B-HC
GCG-9-P934B-HC
GCG-9-A934B-HC

G/GCG-9f Models:
G-9F
GCG-9F
G-9-F335B-2
G-9-FB335B-2
G-9-FS335B-2
GCG-9-F335B-2
GCG-9-FB335B-2
GCG-9-F2335B-2
GCG-9-FS335B-2
GCG-9-FS2335B-2
GCG-9-FP335B-2
GCG-9-FW335B-2
GCG-9-FW2335B-2
GCG-9-FA335B-2
GCG-9-FZ335B-2
GCG-9-FR335B-2

G/GCG-9.5 Models:
G-9.5
G-9.5-N934B
G-9.5-B934B
G-9.5-S934B
G-9.5-Z934B
G-9.5-R934B
G-9.5-P934B
G-9.5-W934B
G-9.5-N934B-HC
G-9.5-S934B-HC
G-9.5-P934B-HC
GCG-9.5
GCG-9.5-N934B
GCG-9.5-B934B
GCG-9.5-R934B
GCG-9.5-B2934B
GCG-9.5-2934B
GCG-9.5-S934B
GCG-9.5-2S934B
GCG-9.5-BS934B
GCG-9.5-Z2934B
GCG-9.5-Z934B
GCG-9.5-P934B
GCG-9.5-W934B
GCG-9.5-W2934B
GCG-9.5-A934B
GCG-9.5-N934B-HC
GCG-9.5-2934B-HC
GCG-9.5-S934B-HC
GCG-9.5-2S934B-HC
GCG-9.5-P934B-HC
GCG-9.5-A934B-HC

G/GCG11-54

Models:
G11-54
G11-54-N234B-2
G11-54-B234B-2
G11-54-P234B-2
G11-54-W234B-2
G11-54-Z234B-2
GCG11-54
GCG11-54-N234B-2
GCG11-54-N2234B-2
GCG11-54-B234B-2
GCG11-54-B2234B-2
GCG11-54-P234B-2
GCG11-54-P2234B-2
GCG11-54-W234B-2
GCG11-54-W2234B-2
GCG11-54-Z234B-2
GCG11-54-Z2234B-2
GCG11-54-A234B-2

G/GCG11-74

Models:
G11-74
G11-74-N33EB-2
G11-74-B33EB-2
G11-74-P33EB-2
G11-74-W33EB-2
G11-74-Z33EB-2
GCG11-74
GCG11-74-N33EB-2
GCG11-74-N233EB-2
GCG11-74-B33EB-2
GCG11-74-B233EB-2
GCG11-74-P33EB-2
GCG11-74-P233EB-2
GCG11-74-W33EB-2
GCG11-74-W233EB-2
GCG11-74-Z33EB-2
GCG11-74-Z233EB-2
GCG11-74-A33EB-2

G/GCG-10f Models:
G-10F
G-10-F334B
G-10-FP334B
G-10-F334B-HC
G-10-FP334B-HC
G-10-F934B
G-10-FP934B
G-10-FW934B
G-10-FZ934B
G-10-FS934B
G-10-FB934B
G-10-F934B-HC
G-10-FP934B-HC
G-10-FW934B-HC
G-10-FZ934B-HC
G-10-FS934B-HC
G-10-FB934B-HC
GCG-10F
GCG-10-F334B
GCG-10-F0334B
GCG-10-FP334B
GCG-10-FW334B
GCG-10-FW2334B
GCG-10-FZ334B
GCG-10-FZ2334B
GCG-10-FA334B
GCG-10-FS334B
GCG-10-F2S334B
GCG-10-FB334B
GCG-10-F334B-HC
GCG-10-F2334B-HC
GCG-10-FP334B-HC
GCG-10-FA334B-HC
GCG-10-FS334B-HC
GCG-10-F2S334B-HC
GCG-10-F934B
GCG-10-F2934B
GCG-10-FP934B
GCG-10-FP2934B
GCG-10-FW934B
GCG-10-FW2934B
GCG-10-FZ934B
GCG-10-FZ2934B
GCG-10-FA934B
GCG-10-FA2934B
GCG-10-FS934B
GCG-10-F2S934B
GCG-10-FB934B
GCG-10-F934B-HC
GCG-10-F2934B-HC
GCG-10-FP934B-HC
GCG-10-FP2934B-HC
GCG-10-FW934B-HC
GCG-10-FW2934B-HC
GCG-10-FZ934B-HC
GCG-10-FZ2934B-HC
GCG-10-FA934B-HC
GCG-10-FA2934B-HC
GCG-10-FS934B-HC
GCG-10-F2S934B-HC
GCG-10-FB934B-HC

G/GCG-28 Models:
G-28
G-28-N335B-2
G-28-B335B-2
G-28-P335B-2
G-28-W335B-2
G-28-Z335B-2
GCG-28
GCG-28-N335B -2
GCG-28-2335B-2
GCG-28-B335B-2
GCG-28-B2335B-2
GCG-28-P335B-2
GCG-28-P2335B-2
GCG-28-W335B-2
GCG-28-W2335B-2
GCG-28-Z335B-2
GCG-28-Z2335B-2
GCG-28-A335B-2

G/GCG-12f Models:
G-12F
G-12-F334B
G-12-FP334B
G-12-F334B-HC
G-12-FP334B-HC
G-12-F934B
G-12-FP934B
G-12-FW934B
G-12-FZ934B
G-12-FA934B
G-12-FA2934B
G-12-FS934B
G-12-F2S934B
G-12-FB934B
G-12-F934B-HC
G-12-FP934B-HC
G-12-FW934B-HC
G-12-FZ934B-HC
G-12-FS934B-HC
G-12-FB934B-HC
GCG-12F
GCG-12-F334B
GCG-12-F2334B
GCG-12-FP334B
GCG-12-FW334B
GCG-12-FW2334B
GCG-12-FZ334B
GCG-12-FZ2334B
GCG-12-FA334B
GCG-12-FS334B
GCG-12-F2S334B
GCG-12-FB334B
GCG-12-F334B-HC
GCG-12-F2334B-HC
GCG-12-FP334B-HC
GCG-12-FA334B-HC
GCG-12-FS334B-HC
GCG-12-F2S334B-HC
GCG-12-F934B
GCG-12-F2934B
GCG-12-FP934B
GCG-12-FP2934B
GCG-12-FW934B
GCG-12-FW2934B
GCG-12-FZ934B
GCG-12-FZ2934B
GCG-12-FA934B
GCG-12-FA2934B
GCG-12-FS934B
GCG-12-F2S934B
GCG-12-FB934B
GCG-12-F934B-HC
GCG-12-F2934B-HC
GCG-12-FP934B-HC
GCG-12-FW934B-HC
GCG-12-FW2934B-HC
GCG-12-FZ934B-HC
GCG-12-FZ2934B-HC
GCG-12-FA934B-HC
GCG-12-FA2934B-HC
GCG-12-FS934B-HC
GCG-12-F2S934B-HC
GCG-12-FB934B-HC

TABLE OF CONTENTS

For Future Reference

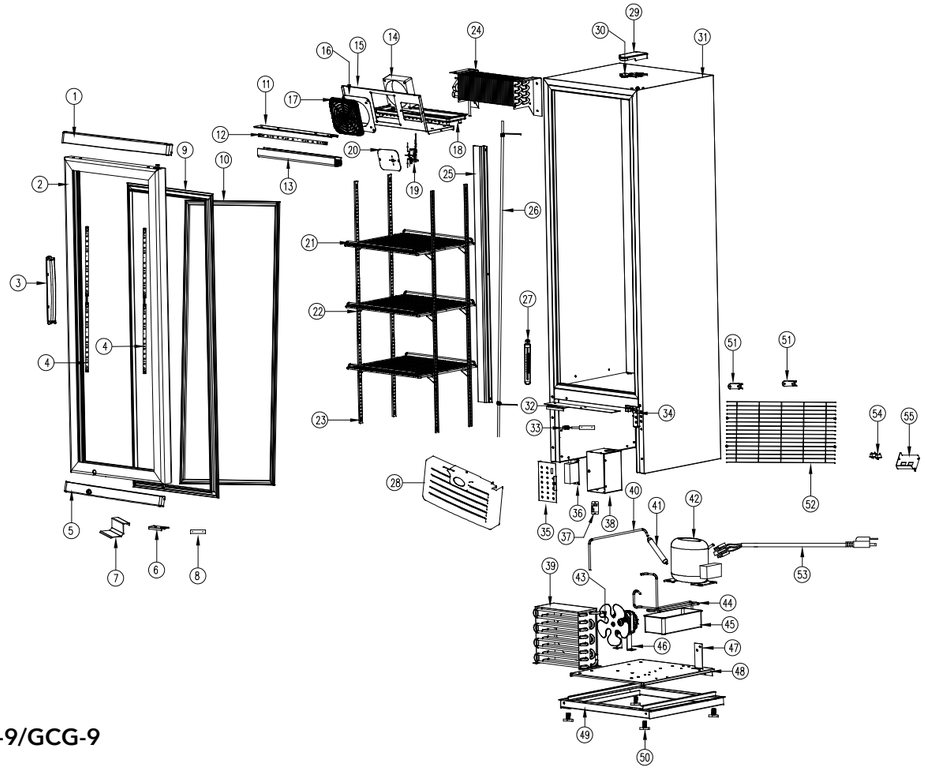
- This easy-to-use manual will guide you in getting the best use of your Cooler.
- Remember to record the model number and the serial number. This information can be found on the inside of your Cooler.
- Keep your receipt with this manual for future warranty service.

Model #: _____

Serial #: _____

Date of Purchase: _____

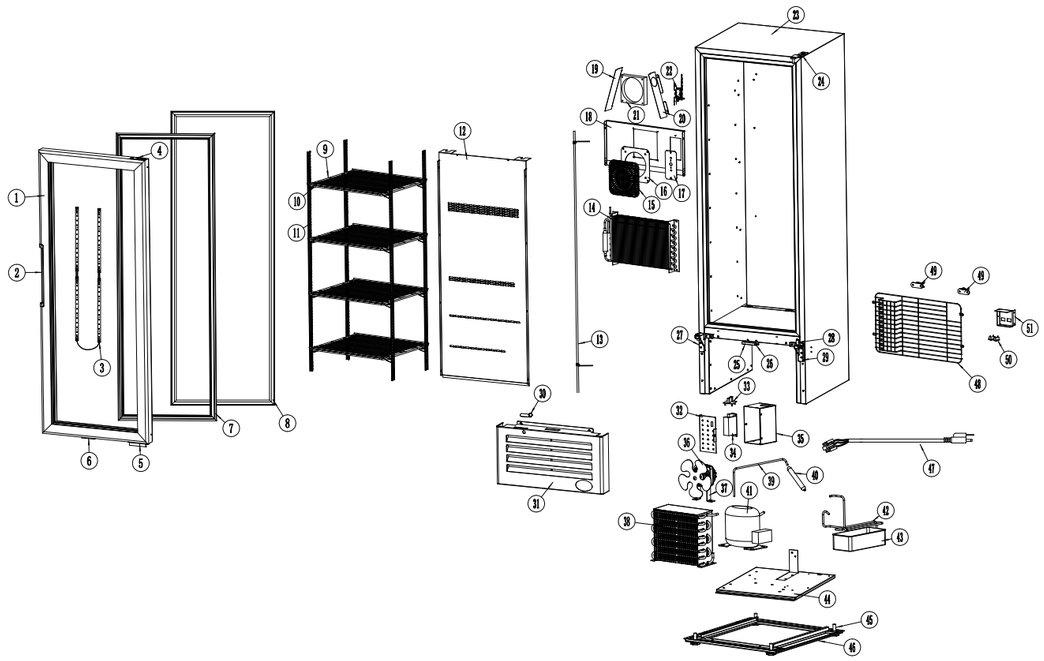
PARTS & IDENTIFICATION



G-9/GCG-9

1. Top Door Trim
2. Glass Door
3. Door Handle
4. LED Light in the Glass Door
5. Lower Door Trim
6. Door Limiter
7. Door Support
8. Door Switch on Glass Door
9. LED Light Cover
10. Door Gasket
11. Top Lamp Stand
12. LED Light
13. LED Light Cover
14. Evaporating Fan
15. Control Panel
16. Fan Baseboard
17. Fan Guard
18. Drip Tray
19. Thermostat
20. Thermostat Panel
21. Shelf (5)
22. Shelf Clips (20)
23. Pilaster (4)
24. Evaporator
25. Tubing Cover
26. Return Pipe
27. Thermometer
28. Grill
29. Top Hinge Cover
30. Top Hinge
31. Foam Cabinet
32. Bracket for Grill
33. Door Switch on Cabinet
34. Lower Hinge
35. Electric Box Cover
36. Switching Power Supply of LED Light
37. Relay PCB
38. Electric Box
39. Condenser
40. Connecting Tube for Dryer Filter
41. Dryer Filter
42. Compressor
43. Condenser Fan
44. Connecting Tube for Condenser
45. Drain Pan
46. Fan Support
47. Dryer Filter Bracket
48. Upper Baseboard
49. Lower Baseboard
50. Leveling Legs (4)
51. Bumper Block (2)
52. Compressor Guard
53. Power Cord
54. Light Switch
55. Bracket for Light Switch
56. LED Controller
57. Power Supply Cover

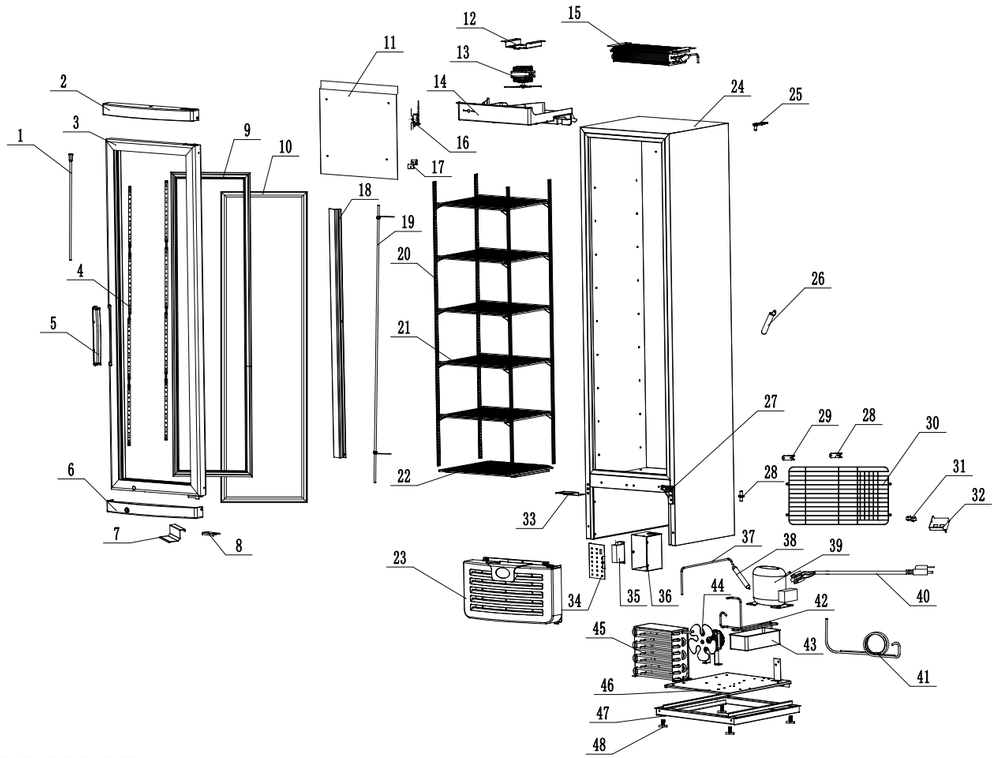
PARTS & IDENTIFICATION



G-9f/GCG-9f

1. Glass Door
2. Door Handle
3. LED Light in Door
4. Top Door Limiter
5. Bottom Door Limiter
6. Door Switch on Glass Door
7. LED Light Cover
8. Door Gasket
9. Shelf
10. Shelf Clips
11. Pilaster
12. Air Channel Panel
13. Return Pie
14. Evaporator
15. Fan Guard
16. Fan Baseboard
17. Thermostat Panel
18. Control Panel
19. Left Panel to Direct Air Flow
20. Right Panel to Direct Air Flow
21. Evaporator Fan
22. Thermostat
23. Foam Cabinet
24. Top Hinge
25. Magnetic Switch
26. Magnetic Sensor Switch Mount Bracket
27. Left Bottom Hinge
28. Lower Hinge Axle
29. Right Bottom Hinge
30. Door Lock
31. Grill
32. Electric Box Cover
33. Relay PCB
34. Switching Power Supply of LED Light
35. Electric Box
36. Condenser Fan
37. Fan Support
38. Condenser
39. Connecting Tube for Dry Filter
40. Filter Dry
41. Compressor
42. Connecting Tube for Condenser
43. Drain Pan
44. Upper Baseboard
45. Leveling Leg
46. Lower Baseboard
47. Power Cord
48. Compressor Guard

PARTS & IDENTIFICATION

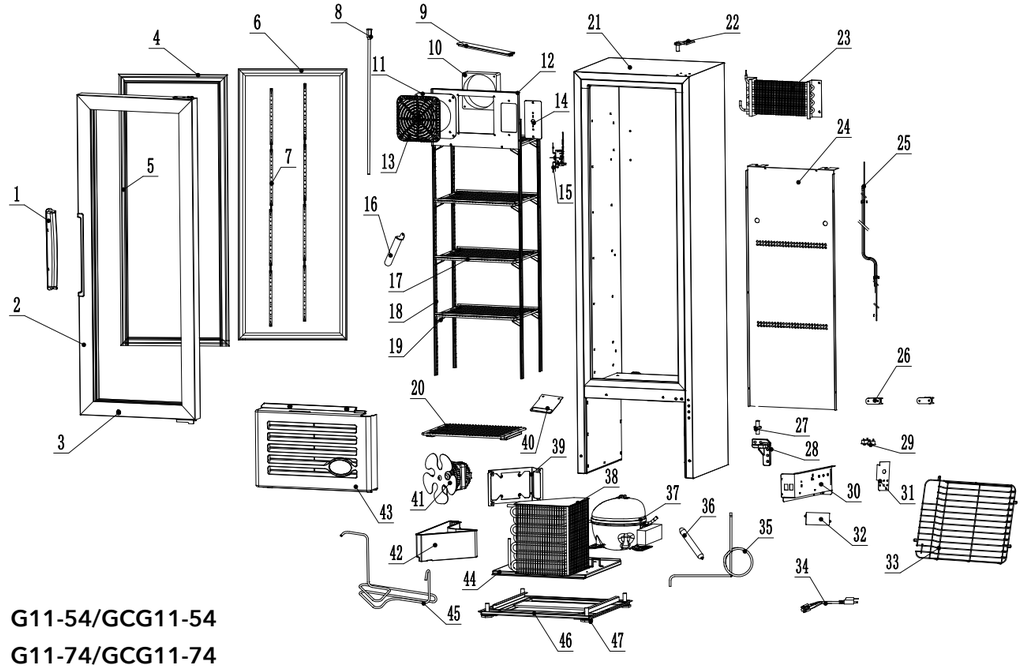


G-9.5/GCG-9.5

1. Auto Closing Sleeve
2. Top Door Trim
3. Glass Door
4. LED Light in the Glass Door
5. Door Handle
6. Lower Door Trim
7. Door Support
8. Door Limiter
9. LED Light Cover
10. Door Gasket
11. Plenum
12. Fan Baseboard
13. Evaporating Fan
14. Control Panel
15. Evaporator
16. Thermostat
17. Plenum Frame
18. Tubing Cover
19. Return Pipe
20. Pilaster (4)
21. Shelf
22. Bottom Shelf
23. Grill
24. Foam Cabinet
25. Top Hinge
26. Thermometer
27. Bottom Hinge
28. Bottom Hinge Axle
29. Bumper Block
30. Compressor Guard
31. Light Switch
32. Bracket for Light Switch
33. Bracket for Grill
34. Electric Box Cover
35. Switching Power Supply of LED Light
36. Electric Box
37. Connecting Tube for Dryer Filter
38. Dryer Filter
39. Compressor
40. Power Cord
41. Connecting Tube for Return Pipe
42. Connecting Tube for Condenser
43. Drain Pan
44. Condenser Fan
45. Condenser
46. Upper Baseboard
47. Lower Baseboard
48. Leveling Legs (4)*

** 50.8mm casters (IDW # 35309256201501) can and should be the only caster installed onto the G-9.5/GCG-9.5 coolers*

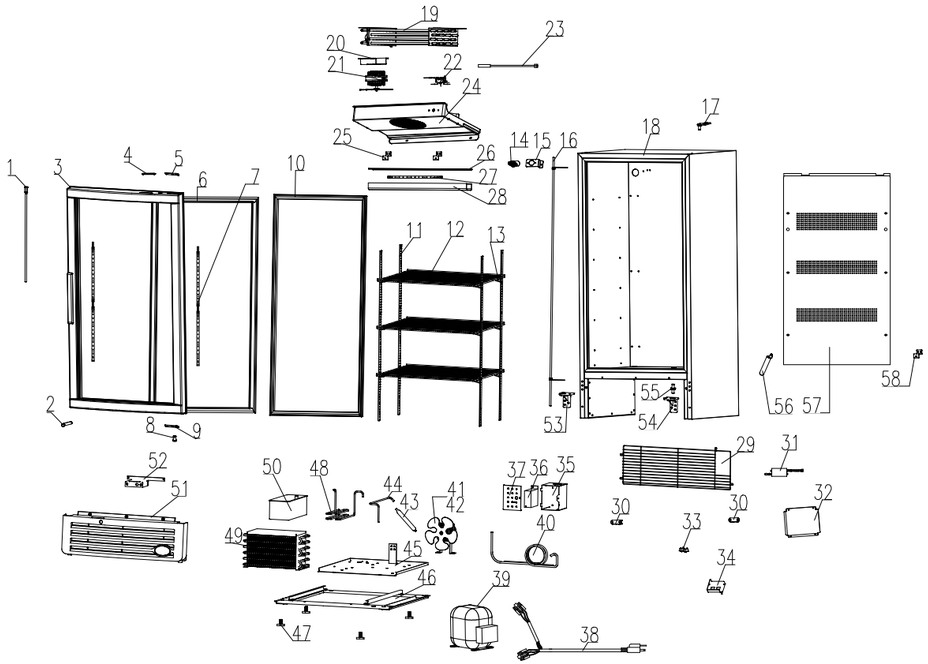
PARTS & IDENTIFICATION



G11-54/GCG11-54
G11-74/GCG11-74

1. Door Handle
2. Glass Door
3. Door Lock
4. Upper & Lower Sides LED Light Cover
5. Left & Right Sides LED Light Cover
6. Door Gasket
7. LED Light in the Glass Door
8. Auto Closing Sleeve
9. LED Light
10. Evaporating Fan
11. Evaporating Fan Baseboard
12. Control Panel
13. Fan Guard
14. Thermostat Panel
15. Thermostat
16. Thermometer
17. Shelf (4)
18. Pilaster (4)
19. Shelf Clip (16)
20. Bottom Shelf
21. Foam Cabinet
22. Upper Hinge
23. Evaporator
24. Air Channel Panel
25. Return Pipe
26. Bumper Block (2)
27. Bottom Hinge Axle
28. Bottom Hinge
29. Light Switch
30. Electric Box
31. Electric Box Cover
32. Switching Power Supply of LED Light
33. Compressor Guard
34. Power Cord
35. Connecting Tube for Return Pipe
36. Dry Filter
37. Compressor
38. Condenser
39. Condenser Fan Baseboard
40. Fixing Bracket for Grill
41. Condenser Fan
42. Water Container
43. Grill
44. Upper Baseboard
45. Connecting Tube for Condenser
46. Lower Baseboard
47. Leveling Legs (4)

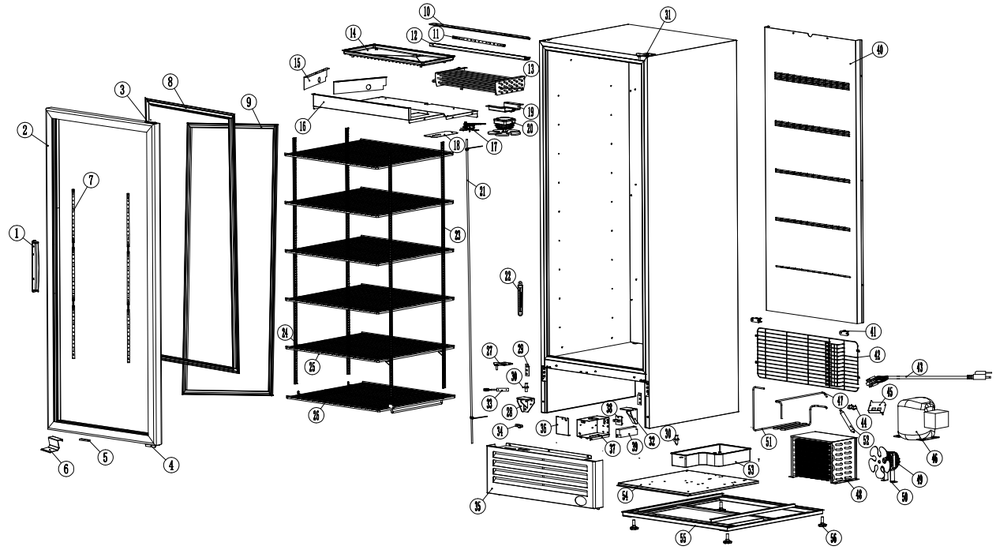
PARTS & IDENTIFICATION



G-10f/GCG-10f & G-12f/GCG-12f

1. Auto Closing Sleeve
2. Door Lock
3. Glass Door
4. Door Inserts
5. Top Door Limit
6. LED Light Cover
7. LED Light in Glass Door
8. Bottom Hinge Axle Sleeve
9. Bottom Door Limit
10. Door Gasket
11. Pilaster (4)
12. Shelf (4/5)
13. Shelf Clip (16/20)
14. Drain Pipe
15. Connecting Tube Plate
16. Return Pipe
17. Top Hinge
18. Foam Cabinet
19. Evaporator
20. Fan Baseboard
21. Evaporator Fan
22. Thermostat
23. Sensor
24. Control Panel
25. Control Panel Bracket
26. Top Lamp Stand
27. LED Light
28. LED Light Cover
29. Compressor Guard
30. Bumper Block
31. LED Controller
32. Power Supply Cover
33. Light Switch (2)
34. Bracket for Light Switch
35. Electric Box
36. Switching Power Supply
37. Electric Box Cover
38. Power Cord
39. Compressor
40. Connecting Tube for Return Pipe
41. Condenser Fan
42. Fan Support
43. Filter Dryer
44. Connecting Tube for Filter Dryer
45. Upper Compressor Baseboard
46. Lower Baseboard
47. Leveling Leg (4)
48. Connecting Tube for Condenser
49. Condenser
50. Drain Pan
51. Front Grill
52. Reinforced Steel for Front Grill
53. Left Bottom Hinge
54. Right Bottom Hinge
55. Bottom Hinge Axle
56. Thermometer
57. Plenum
58. Plenum Frame (6)

PARTS & IDENTIFICATION



G-28/GCG-28

1. Door Handle
2. Glass Door
3. Top Door Limiter
4. Bottom Door Limiter
5. Door Switch on Glass Door
6. Door Support
7. LED Light in the Glass Door
8. LED Light Cover
9. Door Gasket
10. Lamp Stand
11. LED Light
12. LED Light Cover
13. Evaporator
14. Drip Tray
15. Wind Deflector
16. Control Panel
17. Thermostat
18. Thermostat Panel
19. Fan Support
20. Evaporator Fan
21. Return Pipe
22. Thermometer
23. Pilaster
24. Shelf Clips
25. Shelf
26. Bottom Shelf
27. Left Top Hinge
28. Left Bottom Hinge
29. Lower Hinge Washer
30. Hinge Axle
31. Right Top Hinge
32. Right Bottom Hinge
33. Magnetic Switch
34. Door Lock
35. Grill
36. Electric Box Cover
37. Electric Box
38. Relay PCB
39. Switching Power Supply of LED Light
40. Air Channel Panel
41. Bumper Block
42. Compressor Guard
43. Power Cord
44. Light Switch
45. Bracket for Light Switch
46. Compressor
47. Connecting Tube for Dry Filter
48. Condenser
49. Condenser Fan
50. Fan Support
51. Connecting Tube for Condenser
52. Dry Filter
53. Drain Pan
54. Upper Baseboard
55. Lower Baseboard
56. Leveling Leg

SAFETY INSTRUCTIONS

1. When using this appliance, always follow the basic safety precautions:
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 Cooler. 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 unless specifically advised by manufacturer to have power applied for a specific process/repair/installation. ***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 Cooler.
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

Precaution, 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: *http://www.epa.gov/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.
- 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 only.
- Place Cooler in it's final location, making certain there is adequate ventilation in the room.

WARNING: Warranty is void if ventilation

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 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 drain pan.
- Remove plug and cord from inside the lower rear of the Cooler.
- The Cooler should be placed close enough to the electrical supply so that extension cords are not used.

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.
- 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 Instruction 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 Cooler or Refrigeration Unit 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

- This Cooler is intended for use on hard floor surfaces such as vinyl and concrete.
- Set Cooler 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 Cooler 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 clips should be level so shelf lays flat

G/GCG-9, G/GCG-9f & G/GCG-9.5
(Max load per shelf is 46 lbs)

G/GCG11-54 & G/GCG11-74
(Max load per shelf is 20 lbs)

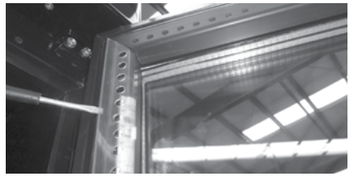
G/GCG-10f & G/GCG-12f
(Max load per shelf is 66 lbs)

GGCG-28
(Max 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.

DOOR LED LIGHT REPLACEMENT

1 Unplug Cooler



2 Unscrew upper light strand.

3 Unscrew lower light strand.

4 Remove screws using a Phillips screwdriver.

5 Disconnect the wiring connector.

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

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

INTERIOR LIGHT REPLACEMENT FOR MODELS (G/GCG11-54 & G/GCG11-74)

1 Unplug Cooler

2 Unscrew lighting strip

3 Squeeze both sides of the plastic cover with your fingertips to remove.

4 Disconnect the lights.

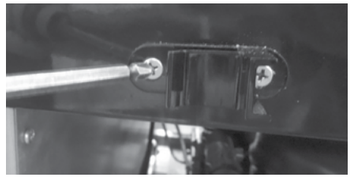
5 Remove light strand.

6 To install lights follow the above directions in reverse order.

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

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.

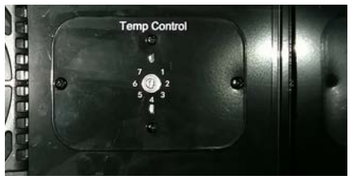
OPERATION AND TEMPERATURE ADJUSTMENT

Operation

- Prior to stocking Cooler with product, it should be operated empty for half an hour.
- This equipment is intended to maintain temperatures between 34-44˚F. Intended products for this equipment is for non-potentially-hazardous bottled or canned items only.

Temperature Adjustment

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



Switch Operation for Lit Door Logo "GCG" Models

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 for "GCG" Models

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.

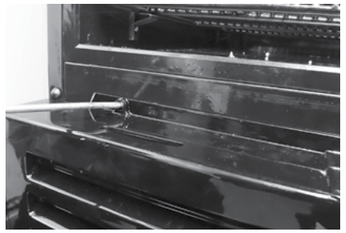
Please Note: When replacing the controller, remove four (4) screws on the rear cover plate to gain access.

MAINTENANCE

Condenser

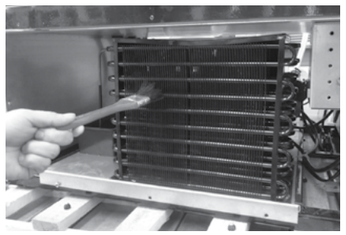
It is essential to keep the condenser coils clean and free of dust and debris at all times. Periodically clean the condenser coils with a soft bristle brush or vacuum-cleaner to properly maintain the refrigeration system. Failure to clean the condenser at regular intervals may cause failure of the refrigeration system and could void the warranty. Prior to any maintenance, be sure to unplug the Cooler.

1 Remove the rubber cap from the front grill.



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.

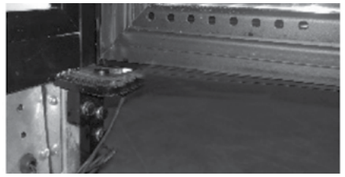
Cleaning

- 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 Cooler. ***If*** a display Cooler 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.

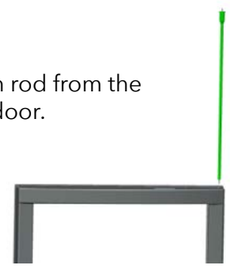
DOOR REVERSAL (for G-9f, G-10f, G-12f & G-28 models only)

Instructions are as follows:



1 Remove front grill, disconnect the terminals and then tuck them inside the door's reversed hole.

2 Remove the right upper hinge, then remove the door.

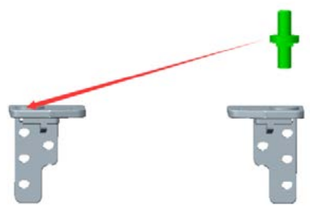


3 Take out the torsion rod from the upper right of the door.

4 Fish out the wiring from door's reversed hole, the wiring stretches out from the upper right of door.

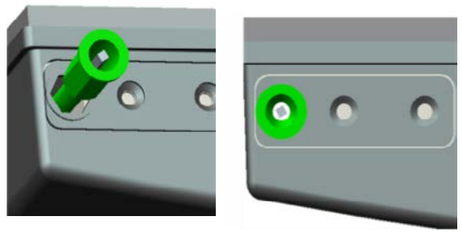
5 Insert the torsion rod into corresponding holes on bottom right of the door.

6 Rotate the door clockwise 180, so the wiring is stretching out from the bottom left of the door.

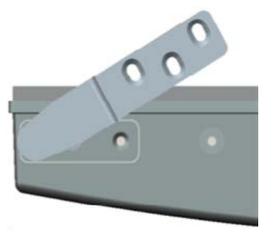


7 Remove the hinge axis from the right bottom hinge, insert it into the left bottom hinge.

8 Feed the wiring terminals through the hinge and connect the terminals.

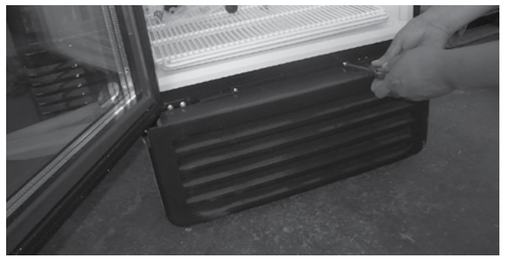


9 Reinstall the torsion rod into the new position of the door axis.



10 Set the upper hinge into the torsion rod at approximately a 60˚ angle. Rotate the hinge to the right counter clockwise aligning the holes in the bracket with the holes on top of the cabinet.

11 Check to ensure the door is securely attached and functioning properly.



12 Attach the front grill to complete the door reversal process.

SPECIFICATIONS (G-9/GCG-9 models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G-9-N334B G-9-B334B G-9-S334B G-9-Z334B G-9-P334B G-9-W334B G-9-N334B-HC G-9-S334B-HC G-9-P334B-HC	7.2ft³	110-120V/60Hz	1.7A	4.5 W	R290/85g
GCG-9-N334B GCG-9-B334B GCG-9-B2334B GCG-9-2334B GCG-9-S334B GCG-9-2S334B GCG-9-BS334B GCG-9-Z2334B GCG-9-Z334B GCG-9-P334B GCG-9-W334B GCG-9-W2334B GCG-9-N334B-HC GCG-9-2334B-HC GCG-9-S334B-HC GCG-9-2S334B-HC GCG-9-P334B-HC				9 W	
GCG-9-A334B GCG-9-A334B-HC				14.5 W	
G-9-N934B G-9-B934B G-9-S934B G-9-Z934B G-9-P934B G-9-W934B G-9-N934B-HC G-9-S934B-HC G-9-P934B-HC				4.5 W	R290/40g
GCG-9-N934B GCG-9-B934B GCG-9-B2934B GCG-9-2934B GCG-9-S934B GCG-9-2S934B GCG-9-BS934B GCG-9-Z2934B GCG-9-Z934B GCG-9-P934B GCG-9-W934B GCG-9-W2934B GCG-9-N934B-HC GCG-9-2934B-HC GCG-9-S934B-HC GCG-9-2S934B-HC GCG-9-P934B-HC				9 W	
GCG-9-A934B GCG-9-A934B-HC				14.5 W	
NSF/ASNI-7: Type II Display Refrigerator		A Display Cooler 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) and environment ≤65% RH (Relative Humidity).			

SPECIFICATIONS (G-9f/GCG-9f models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G-9F G-9-F335B-2 G-9-FS335B-2	6.8 ft³	110-120V/60Hz	3.8 A	4.5 W	R290/72g
GCG-9F G-9-FB335B-2 GCG-9-F335B-2 GCG-9-FB335B-2 GCG-9-F2335B-2 GCG-9-FS335B-2 GCG-9-FS2335B-2 GCG-9-FP335B-2 GCG-9-FW335B-2 GCG-9-FW2335B-2 GCG-9-FZ335B-2 GCG-9-FR335B-2 GCG-28-Z2335B-2				9 W	
GCG-9-FA335B-2				14.5 W	
NSF/ASNI-7: Type II Display Refrigerator		A Display Cooler 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) and environment ≤65% RH (Relative Humidity).			

SPECIFICATIONS (G-9.5/GCG-9.5 models)

MODEL	VOLUME(L)	VOLTAGE	CURRENT	POWER	REFRIGERANT
G-9.5-N934B G-9.5-B934B G-9.5-S934B G-9.5-Z934B G-9.5-R934B G-9.5-P934B G-9.5-W934B G-9.5-N934B-HC G-9.5-S934B-HC G-9.5-P934B-HC	9.6ft³	110-120V/60Hz	1.7A	2.8 W	R290/46g
GCG-9.5-N934B GCG-9.5-B934B GCG-9.5-R934B GCG-9.5-B2934B GCG-9.5-2934B GCG-9.5-S934B GCG-9.5-2S934B GCG-9.5-BS934B GCG-9.5-Z2934B GCG-9.5-Z934B GCG-9.5-P934B GCG-9.5-W934B GCG-9.5-W2934B GCG-9.5-N934B-HC GCG-9.5-2934B-HC GCG-9.5-S934B-HC GCG-9.5-2S934B-HC GCG-9.5-P934B-HC				7.3 W	
GCG-9.5-A934B GCG-9.5-A934B-HC				12.8 W	
NSF/ASNI-7: Type II Display Refrigerator		A Display Cooler 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) and environment ≤65% RH (Relative Humidity).			

SPECIFICATIONS (G11-54/GCG11-54 models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G11-54, G11-54-N234B-2, G11-54-B234B-2, G11-54-P234B-2, G11-54-W234B-2, G11-54-Z234B-2	3.1ft³	110-120V/60Hz	2.6A	3.5 W	R290/32g
GCG11-54, GCG11-54-N234B-2, GCG11-54-N2234B-2, GCG11-54-B234B-2, GCG11-54-B2234B-2, GCG11-54-P234B-2, GCG11-54-P2234B-2, GCG11-54-W234B-2, GCG11-54-W2234B-2, GCG11-54-Z234B-2, GCG11-54-Z2234B-2				6 W	
GCG11-54-A234B-2				13.5 W	
NSF/ASNI-7: Type II Display Refrigerator	A Display Cooler 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) and environment ≤65% RH (Relative Humidity).				

SPECIFICATIONS (G11-74/GCG11-74 models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G11-74 G11-74-N33EB-2 G11-74-B33EB-2 G11-74-P33EB-2 G11-74-W33EB-2 G11-74-Z33EB-2	4.6 ft³	110-120V/60Hz	1.5 A	4 W	R290/50g
GCG11-74 GCG11-74-N33EB-2 GCG11-74-N233EB-2 GCG11-74-B33EB-2 GCG11-74-B233EB-2 GCG11-74-P33EB-2 GCG11-74-P233EB-2 GCG11-74-W33EB-2 GCG11-74-W233EB-2 GCG11-74-Z33EB-2				6.4 W	
GCG11-74-A33EB-2				14 W	
NSF/ASNI-7: Type II Display Refrigerator	A Display Cooler 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) and environment ≤65% RH (Relative Humidity).				

SPECIFICATIONS (G-10f/GCG-10f models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G-10-F334B G-10-FP334B G-10-F334B-HC G-10-FP334B-HC	9.3ft³	110-120V/60Hz	1.7A	3.5 W	R290/100g
GCG-10-F334B GCG-10-F2334B GCG-10-FP334B GCG-10-FW334B GCG-10-FW2334B GCG-10-FZ334B GCG-10-FZ2334B GCG-10-FS334B GCG-10-F2S334B GCG-10-FB334B GCG-10-F334B-HC GCG-10-F2334B-HC GCG-10-FP334B-HC GCG-10-FS334B-HC GCG-10-F2S334B-HC				8.5 W	
GCG-10-FA334B GCG-10-FA334B-HC				13.5 W	
G-10-F934B G-10-FP934B G-10-FW934B G-10-FZ934B G-10-FS934B G-10-FB934B G-10-F934B-HC G-10-FP934B-HC G-10-FW934B-HC G-10-FZ934B-HC G-10-FS934B-HC G-10-FB934B-HC				3.5 W	R290/49g
GCG-10-F934B GCG-10-F2934B GCG-10-FP934B GCG-10-FP2934B GCG-10-FW934B GCG-10-FW2934B GCG-10-FZ934B GCG-10-FZ2934B GCG-10-FS934B GCG-10-F2S934B GCG-10-FB934B GCG-10-F934B-HC GCG-10-F2934B-HC GCG-10-FP934B-HC GCG-10-FP2934B-HC GCG-10-FW934B-HC GCG-10-FW2934B-HC GCG-10-FZ934B-HC GCG-10-FZ2934B-HC GCG-10-FS934B-HC GCG-10-F2S934B-HC GCG-10-FB934B-HC				8.5 W	
GCG-10-FA934B GCG-10-FA2934B GCG-10-FA934B-HC GCG-10-FA2934B-HC				13.5 W	
NSF/ASNI-7: Type II Display Refrigerator	A Display Cooler 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) and environment ≤65% RH (Relative Humidity).				

SPECIFICATIONS (G-12f/GCG-12f models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G-12-F334B G-12-FP334B G-12-F334B-HC G-12-FP334B-HC	11.4ft³	110-120V/60Hz	1.7A	5.5 W	R290/90g
GCG-12-F334B GCG-12-F2334B GCG-12-FP334B GCG-12-FW334B GCG-12-FW2334B GCG-12-FZ334B GCG-12-FZ2334B GCG-12-FS334B GCG-12-F2S334B GCG-12-FB334B GCG-12-F334B-HC GCG-12-F2334B-HC GCG-12-FP334B-HC GCG-12-FS334B-HC GCG-12-F2S334B-HC				10.5 W	
GCG-12-FA334B GCG-12-FA334B-HC				15.5 W	
G-12-F934B G-12-FP934B G-12-FW934B G-12-FZ934B G-12-FS934B G-12-FB934B G-12-F934B-HC G-12-FP934B-HC G-12-FW934B-HC G-12-FZ934B-HC G-12-FS934B-HC G-12-FB934B-HC				5.5 W	R290/53g
GCG-12-F934B GCG-12-F2934B GCG-12-FP934B GCG-12-FP2934B GCG-12-FW934B GCG-12-FW2934B GCG-12-FZ934B GCG-12-FZ2934B GCG-12-FS934B GCG-12-F2S934B GCG-12-FB934B GCG-12-F934B-HC GCG-12-F2934B-HC GCG-12-FP934B-HC GCG-12-FP2934B-HC GCG-12-FW934B-HC GCG-12-FW2934B-HC GCG-12-FZ934B-HC GCG-12-FZ2934B-HC GCG-12-FS934B-HC GCG-12-F2S934B-HC GCG-12-FB934B-HC				10.5 W	
GCG-12-FA934B GCG-12-FA2934B GCG-12-FA934B-HC GCG-12-FA2934B-HC				15.5 W	
NSF/ASNI-7: Type II Display Refrigerator	A Display Cooler 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) and environment ≤65% RH (Relative Humidity).				

SPECIFICATIONS (G-28/GCG-28 models)

MODEL	VOLUME(L)	RATED VOLTAGE	RATED CURRENT	LAMP INPUT POWER	REFRIGERANT
G-28 G-28-N335B-2 G-28-B335B-2 G-28-P335B-2 G-28-W335B-2 G-28-Z335B-2	23.6 ft³	110-120V/60Hz	3.8 A	7.9 W	R290/85g
GCG-28 GCG-28-N335B -2 GCG-28-2335B-2 GCG-28-B335B-2 GCG-28-B2335B-2 GCG-28-P335B-2 GCG-28-P2335B-2 GCG-28-W335B-2 GCG-28-W2335B-2 GCG-28-Z335B-2 GCG-28-Z2335B-2				14.4 W	
GCG-28-A335B-2				17.9 W	
NSF/ASNI-7: Type II Display Refrigerator	A Display Cooler 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) and environment ≤65% RH (Relative Humidity).				

TROUBLESHOOTING

The following are NOT malfunctions:

Situation	Causes
Liquid flowing noise within Cooler	• This is the sound of the cooling agent flowing through the pipes.
Refrigeration system is shutdown for longer periods of time while temperature inside is still very low	• This Cooler is well insulated and can maintain a relatively ambient temperature.
Condensation on door/lid	• 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 Cooler 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 accidentally becoming trapped inside the Cooler.

Prior to calling service, check the following:

Issues	Solutions
Cooler behaving abnormally or no longer cooling	Unplug the Cooler from the outlet and contact a trained service technician for repair: • Abnormal behavior includes Cooler tripping the circuit breakers or blown fuse. • Cooler not cooling to the set temperature as it should. • If you can detect a chard smoky burning plastic rubber type of a smell. • A noticeable increase in product temperature.
Cooler is not working properly	Please check power supply: • 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 if the condenser is free of dirt and debris. • Check for low voltage
Cooler is not keeping product cool	• Provide ample space between all products to ensure proper circulation of air. • Keep Cooler away from direct sunlight or other heating source. • Keep the door closed as often as possible. • Be certain the Cooler is not touching external objects or walls.
Excessive noise	• Be certain the Cooler is placed on a level surface. • Be certain the Cooler is not touching external objects or walls.
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 properly. • There is insufficient clearance around the Cooler. • The thermostat is not set properly. • The frequency of cycling will be reduced when all of the product reaches the set temperature.

AFTER SALES SERVICE

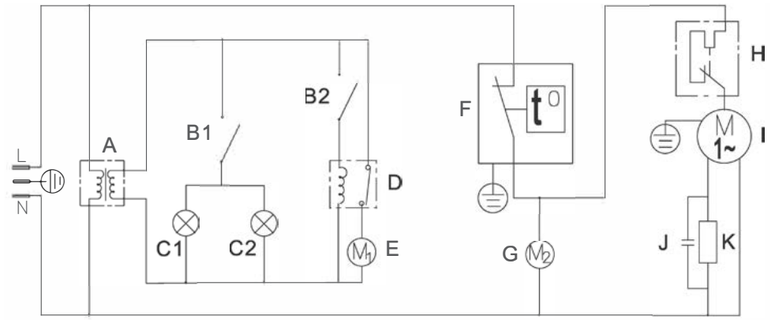
Any product has the possibility of malfunction. Please observe the Cooler's operation and any changes to product being stored. If there are any abnormal cases, refer to the table below. If there is still no change after following the below instructions, please inform our service center in a timely manner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

Information to provide to your qualified service professional:

- Serial number from the interior wall of the Cooler
- Coolers' installation address and contact information
- Installation location hours of operation
- Nature of problem
- Any reports of power interruptions
- Recent service or maintenance completed on the Cooler
- Has the Cooler been relocated from original installation location
- Clear access to the Cooler
- Coolers' instruction manual

CIRCUIT DIAGRAM (G-9)

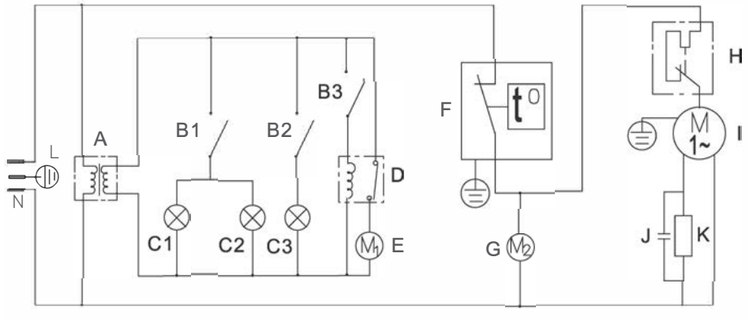
FOR MODELS: G-9B, G-9-N334B, G-9-B334B, G-9-S334B, G-9-Z334B, G-9-P334B, G-9-W334B, G-9-N334B-HC, G-9-S33EB-HC, G-9-P33EB-HC, G-9-N934B, G-9-B934B, G-9-S934B, G-9-Z934B , G-9-P934B, G-9-W934B, G-9-N934B-HC, G-9-S934B-HC, G-9-P934B-HC, G-9-P934B-HC



A: Power Supply for LED Lights & Evaporator Fan&Relay
B1: On/Off Switch for interior light
B2: Magnetic Door Sensor
C1: Interior Top LED Light
C2: Door Side LED Light
D: Relay for Evaporator Fan E: Evaporator Fan
E: Evaporator Fan
F: Thermostat
G: Condenser Fan
H: Overload for Compressor
I: Compressor
J: Compressor Running Capacitor
K: Compressor PTC

CIRCUIT DIAGRAM (GCG-9)

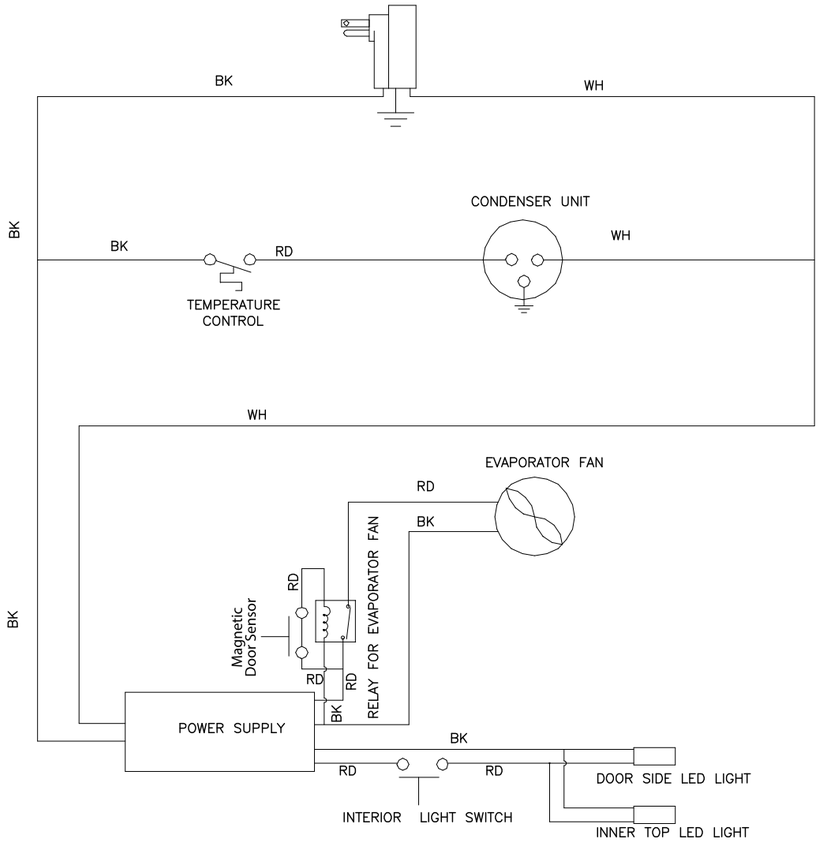
FOR MODELS: GCG-9B, GCG-9-N334B, GCG-9-B334B, GCG-9-B2334B, GCG-9-2334B, GCG-9-S334B, GCG-9-2S334B, GCG-9-BS334B, GCG-9-Z2334B, GCG-9-Z334B, GCG-9-P334B, GCG-9-W334B, GCG-9-W2334B, GCG-9-A334B, GCG-9-N334B-HC, GCG-9-2334B-HC, GCG-9-S334B-HC,GCG-9-2S334B-HC, GCG-9-P334B-HC, GCG-9-A334B-HC, GCG-9-N934B, GCG-9-B934B, GCG-9-B2934B, GCG-9-2934B, GCG-9-S934B, GCG-9-2S934B, GCG-9-BS934B, GCG-9-Z2934B, GCG-9-Z934B, GCG-9-P934B, GCG-9-W934B, GCG-9-W2934B, GCG-9-A934B, GCG-9-N934B-HC, GCG-9-2934B-HC, GCG-9-S934B-HC, GCG-9-2S934B-HC, GCG-9-P934B-HC, GCG-9-A934B-HC

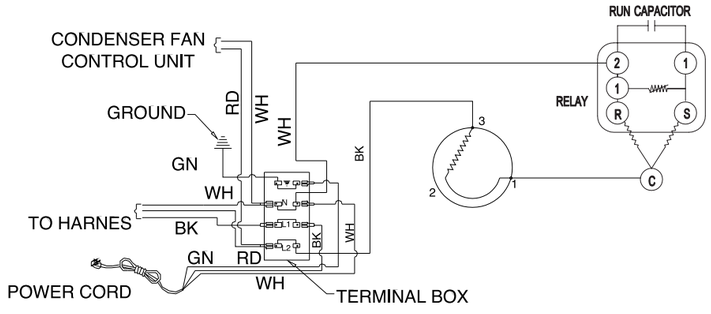


A: Power Supply for LED Lights & Evaporator Fan&Relay
B1: On/Off Switch for interior light
B2: On/Off Switch for Lit Door Logo Light
B3: Magnetic Door Sensor
C1: Interior Top LED Light
C2: Door Side LED Light
C3: Door Logo LED Light
D: Relay for Evaporator Fan
E: Evaporator Fan
F: Thermostat
G: Condenser Fan
H: Overload for Compressor
I: Compressor
J: Compressor Running Capacitor
K: Compressor PTC

ELECTRICAL WIRING DIAGRAM (G-9)

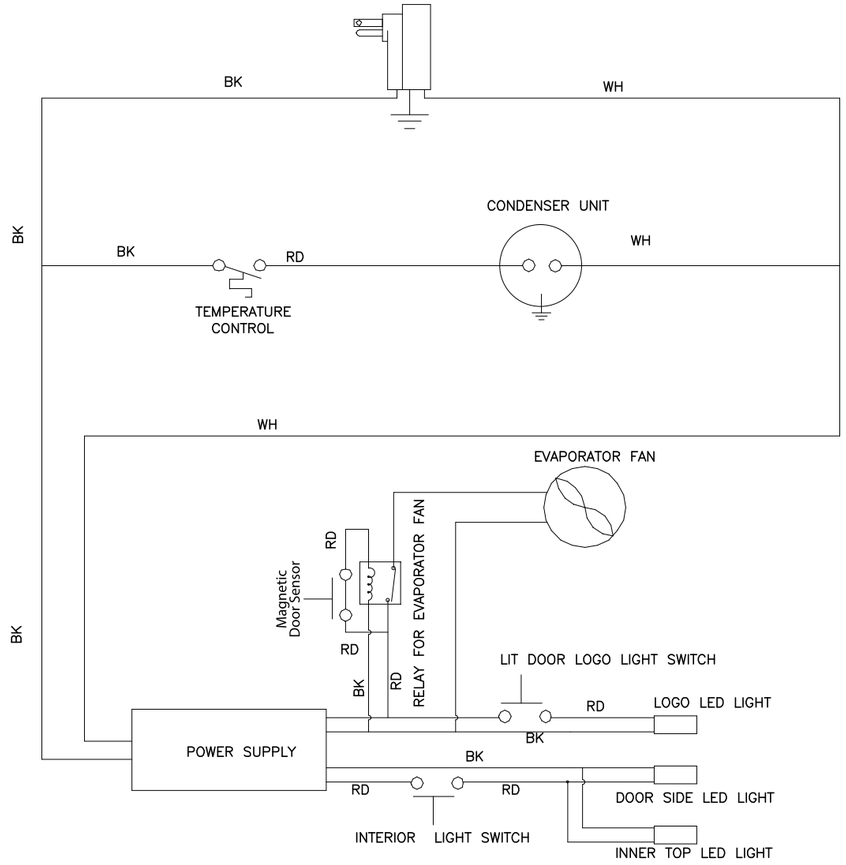
FOR MODELS: G-9B, G-9-N334B, G-9-B334B, G-9-S334B, G-9-Z334B, G-9-P334B, G-9-W334B, G-9-N334B-HC, G-9-S33EB-HC, G-9-P33EB-HC, G-9-N934B, G-9-B934B, G-9-S934B, G-9-Z934B , G-9-P934B, G-9-W934B, G-9-N934B-HC, G-9-S934B-HC, G-9-P934B-HC, G-9-P934B-HC

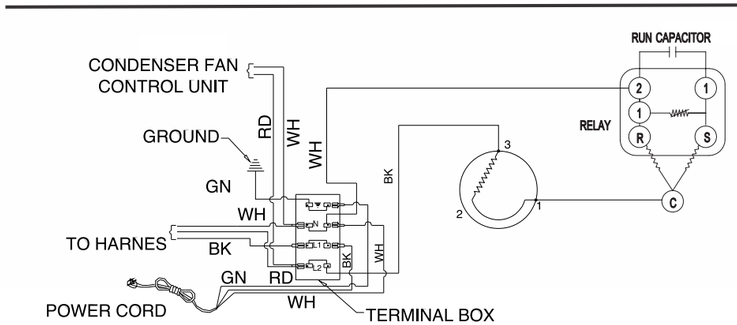




ELECTRICAL WIRING DIAGRAM (GCG-9)

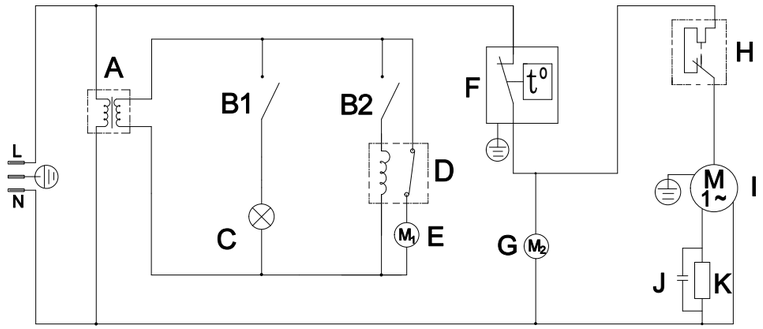
FOR MODELS: GCG-9B, GCG-9-N334B, GCG-9-B334B, GCG-9-B2334B, GCG-9-2334B, GCG-9-S334B, GCG-9-2S334B, GCG-9-BS334B, GCG-9-Z2334B, GCG-9-Z334B, GCG-9-P334B, GCG-9-W334B, GCG-9-W2334B, GCG-9-A334B, GCG-9-N334B-HC, GCG-9-2334B-HC, GCG-9-S334B-HC,GCG-9-2S334B-HC, GCG-9-P334B-HC, GCG-9-A334B-HC, GCG-9-N934B, GCG-9-B934B, GCG-9-B2934B, GCG-9-2934B, GCG-9-S934B, GCG-9-2S934B, GCG-9-BS934B, GCG-9-Z2934B, GCG-9-Z934B, GCG-9-P934B, GCG-9-W934B, GCG-9-W2934B, GCG-9-A934B, GCG-9-N934B-HC, GCG-9-2934B-HC, GCG-9-S934B-HC, GCG-9-2S934B-HC, GCG-9-P934B-HC, GCG-9-A934B-HC





CIRCUIT DIAGRAM (G-9F)

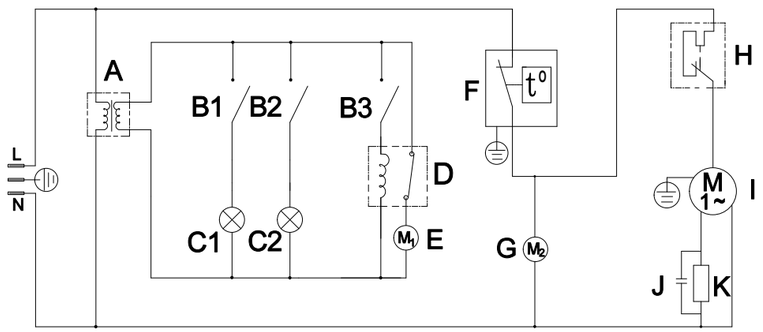
FOR MODELS: G-9F, G-9-F335B-2, G-9-FS335B-2, G-9-FB335B-2



A: Power Supply for LED Lights & Evaporator Fan & Relay
B1: On/Off Switch for Door Side LED Light
B2: Door Switch
C: Door Side LED Light
D: Relay
E: Evaporator Fan
F: Thermostat
G: Condenser Fan
H: Overload for Compressor
I: Compressor
J: Compressor Running Capacitor
K: Compressor PTC

CIRCUIT DIAGRAM (GCG-9F)

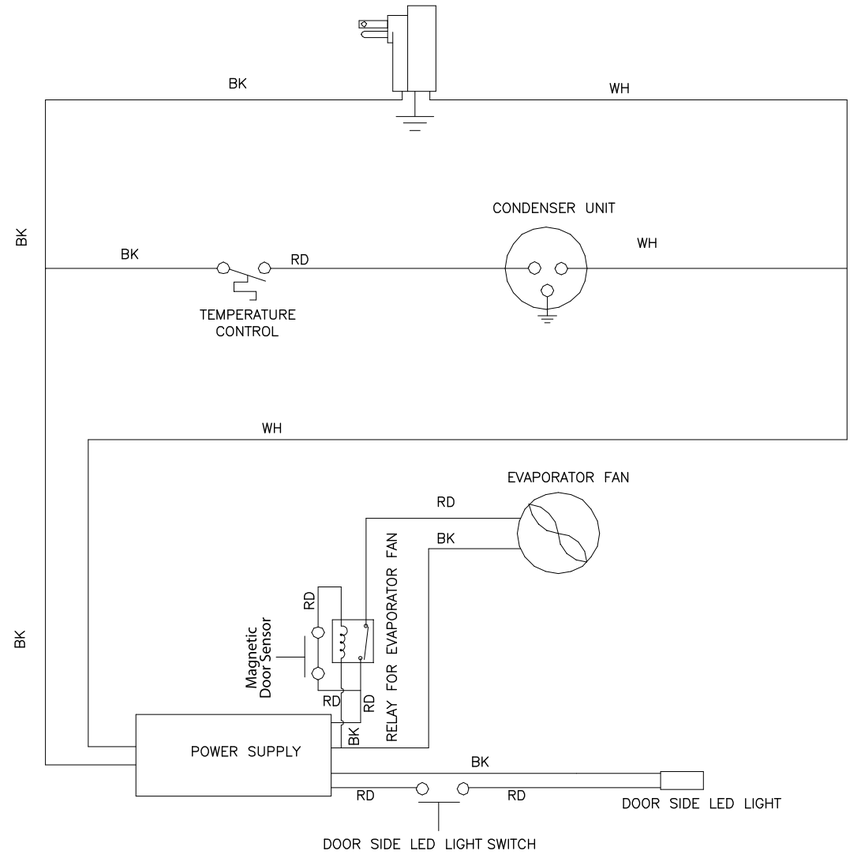
FOR MODELS: GCG-9F, G-9-FB335B-2, GCG-9-F335B-2, GCG-9-FB335B-2, GCG-9-F2335B-2, GCG-9-FS335B-2, GCG-9-FS2335B-2, GCG-9-FP335B-2, GCG-9-FW335B-2, GCG-9-FW2335B-2, GCG-9-FZ335B-2, GCG-9-FR335B-2, GCG-9-FA335B-2

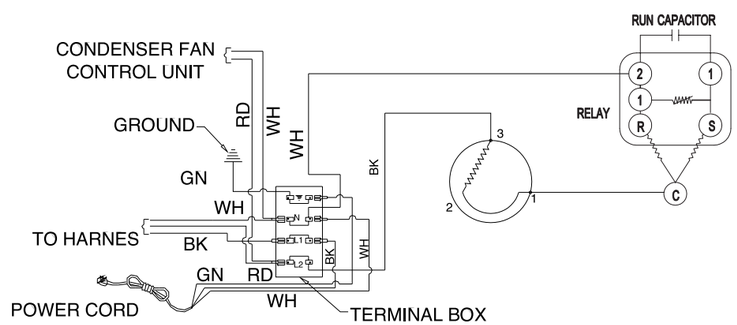


A: Power Supply for LED Lights & Evaporator Fan & Relay
B1: On/Off Switch for Door Side LED Light
B2: On/Off Switch for Lit Door Logo Light
B3: Door Switch
C1: Door Side LED Light
C2: Door Logo LED Light
E: Evaporator Fan
F: Thermostat
G: Condenser Fan
H: Overload for Compressor
I: Compressor
J: Compressor Running Capacitor
K: Compressor PTC

ELECTRICAL WIRING DIAGRAM (G-9F)

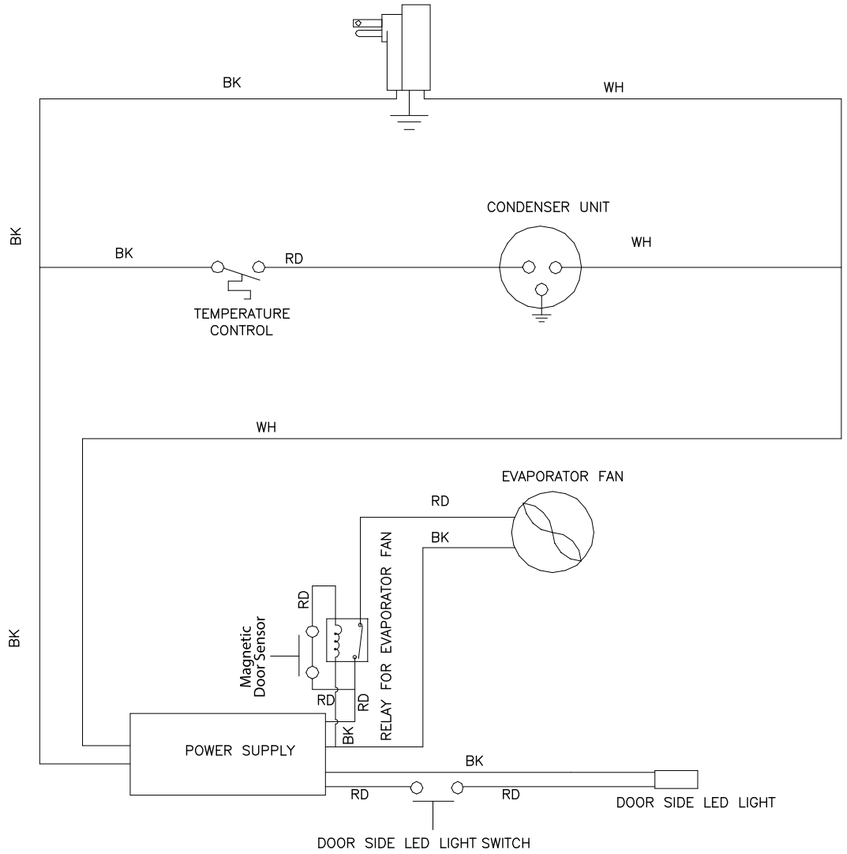
FOR MODELS: G-9F, G-9-F335B-2, G-9-FS335B-2, G-9-FB335B-2

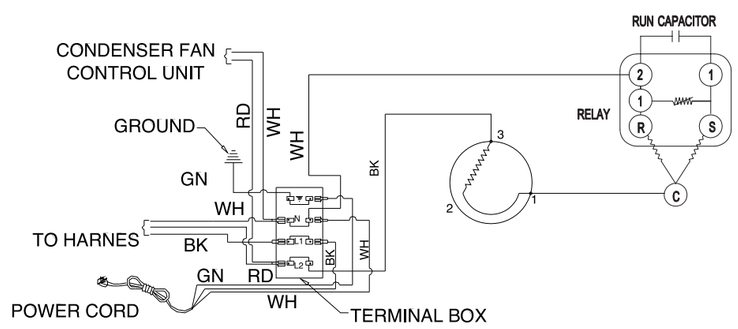




ELECTRICAL WIRING DIAGRAM (GCG-9F)

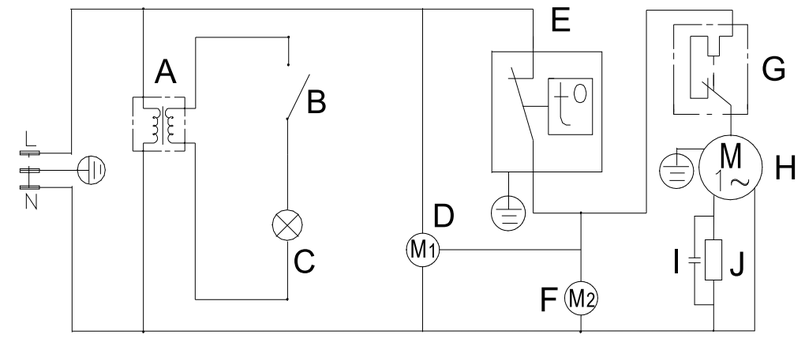
FOR MODELS: GCG-9F, G-9-FB335B-2, GCG-9-F335B-2, GCG-9-FB335B-2, GCG-9-F2335B-2, GCG-9-FS335B-2, GCG-9-FS2335B-2, GCG-9-FP335B-2, GCG-9-FW335B-2, GCG-9-FW2335B-2, GCG-9-FZ335B-2, GCG-9-FR335B-2, GCG-9-FA335B-2





CIRCUIT DIAGRAM (G-9.5)

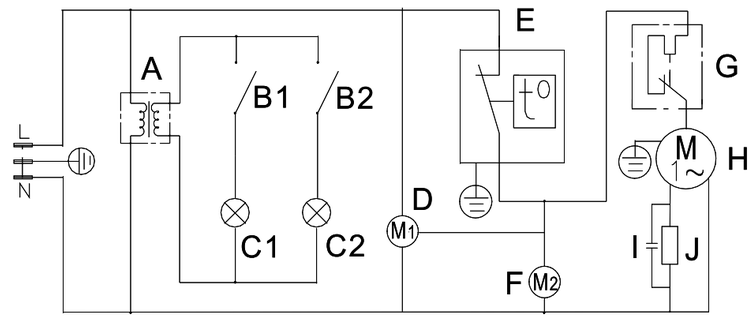
FOR MODELS: G-9.5, G-9.5-N934B, G-9.5-B934B, G-9.5-S934B, G-9.5-Z934B, G-9.5-R934B, G-9.5-P934B, G-9.5-W934B, G-9.5-N934B-HC, G-9.5-S934B-HC, G-9.5-P934B-HC



A: Power Supply for LED Lights
B: On/Off Switch for Door Side LED Light
C : Door Side LED Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Overload for Compressor
H: Compressor
I : Compressor Running Capacitor
J : Compressor PTC

CIRCUIT DIAGRAM (GCG-9.5)

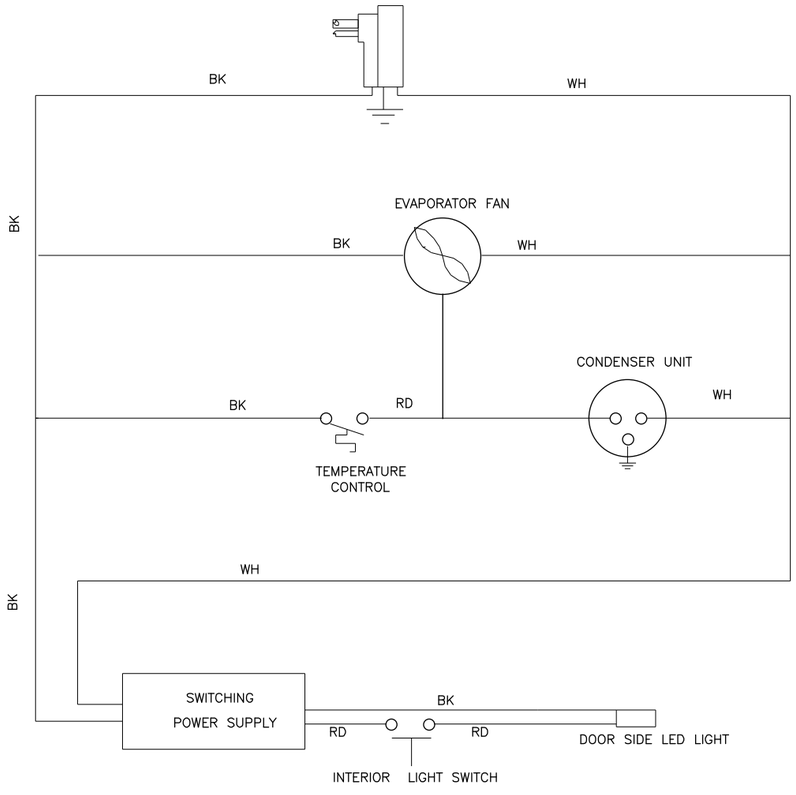
FOR MODELS: GCG-9.5, GCG-9.5-N934B, GCG-9.5-B934B, GCG-9.5-R934B, GCG-9.5-B2934B, GCG-9.5-2934B, GCG-9.5-S934B, GCG-9.5-2S934B, GCG-9.5-BS934B, GCG-9.5-Z2934B, GCG-9.5-Z934B, GCG-9.5-P934B, GCG-9.5-W934B, GCG-9.5-W2934B, GCG-9.5-A934B, GCG-9.5-N934B-HC, GCG-9.5-2934B-HC, GCG-9.5-S934B-HC, GCG-9.5-2S934B-HC, GCG-9.5-P934B-HC, GCG-9.5-A934B-HC

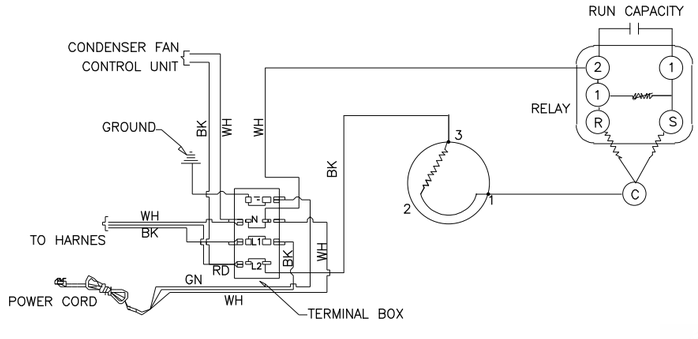


A: Power Supply for LED Lights
B1: On/Off Switch for Door Side LED Light
B2: On/Off Switch for Lit Door Logo Light
C1: Door Side LED Light
C2: Door LED Logo Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Overload for Compressor
H: Compressor
I : Compressor Running Capacitor
J : Compressor PTC

ELECTRICAL WIRING DIAGRAM (G-9.5)

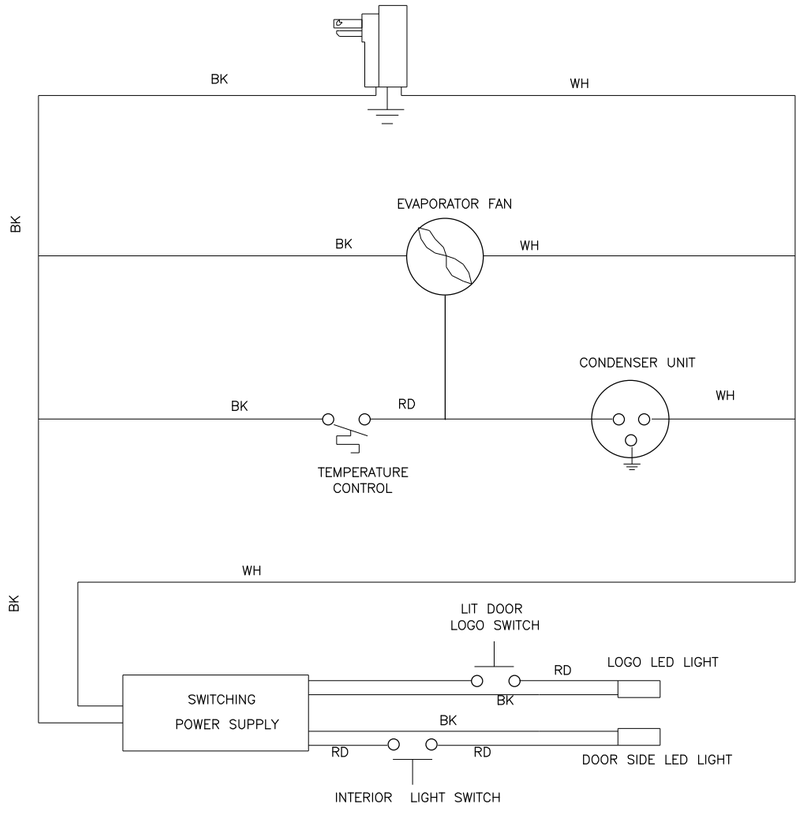
FOR MODELS: G-9.5, G-9.5-N934B, G-9.5-B934B, G-9.5-S934B, G-9.5-Z934B, G-9.5-R934B, G-9.5-P934B, G-9.5-W934B, G-9.5-N934B-HC, G-9.5-S934B-HC, G-9.5-P934B-HC

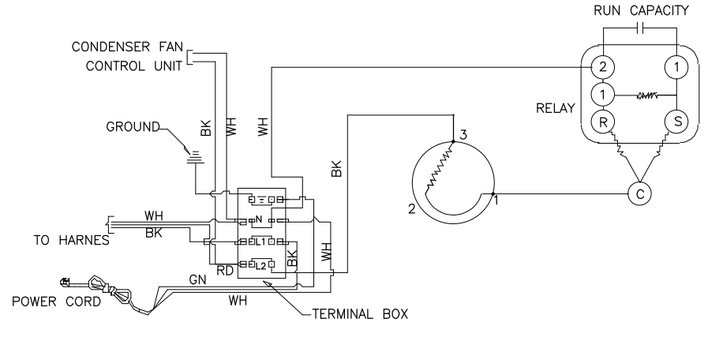




ELECTRICAL WIRING DIAGRAM (GCG-9.5)

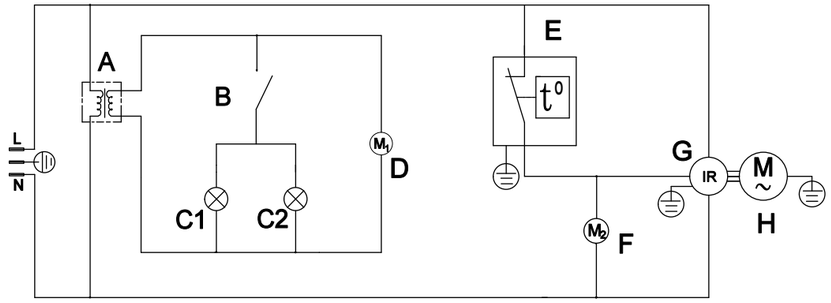
FOR MODELS: GCG-9.5, GCG-9.5-N934B, GCG-9.5-B934B, GCG-9.5-R934B, GCG-9.5-B2934B, GCG-9.5-2934B, GCG-9.5-S934B, GCG-9.5-2S934B, GCG-9.5-BS934B, GCG-9.5-Z2934B, GCG-9.5-Z934B, GCG-9.5-P934B, GCG-9.5-W934B, GCG-9.5-W2934B, GCG-9.5-A934B, GCG-9.5-N934B-HC, GCG-9.5-2934B-HC, GCG-9.5-S934B-HC, GCG-9.5-2S934B-HC, GCG-9.5-P934B-HC, GCG-9.5-A934B-HC





CIRCUIT DIAGRAM (G11-54)

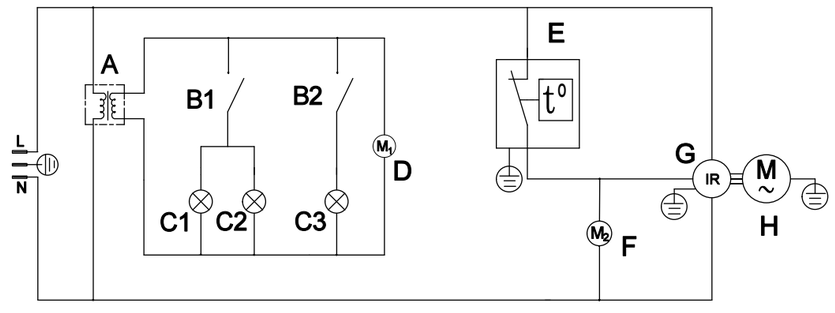
FOR MODELS: G11-54, G11-54-N234B-2, G11-54-B234B-2, G11-54-P234B-2, G11-54-W234B-2, G11-54-Z234B-2



A: Power Supply for LED Lights & Evaporator Fan
B: On/Off Switch for Interior and Door Side LED Light
C1: Interior Top LED Light
C2: Door Side LED Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Controller for Compressor
H: Compressor

CIRCUIT DIAGRAM (GCG11-54)

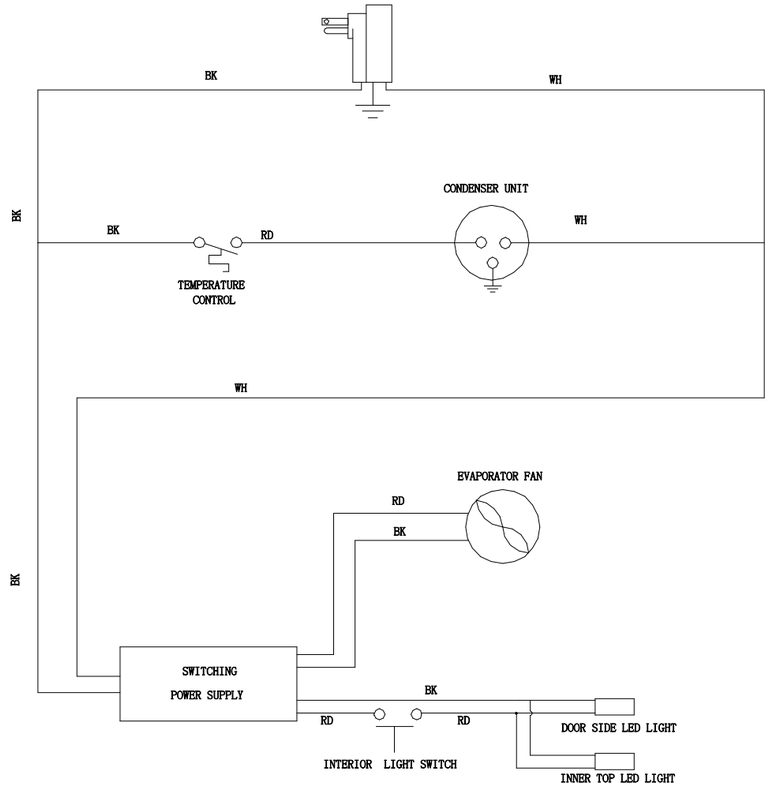
FOR MODELS: GCG11-54, GCG11-54-N234B-2, GCG11-54-N2234B-2, GCG11-54-B234B-2, GCG11-54-B2234B-2, GCG11-54-P234B-2, GCG11-54-P2234B-2, GCG11-54-W234B-2, GCG11-54-W2234B-2, GCG11-54-Z234B-2, GCG11-54-Z2234B-2, GCG11-54-A234B-2

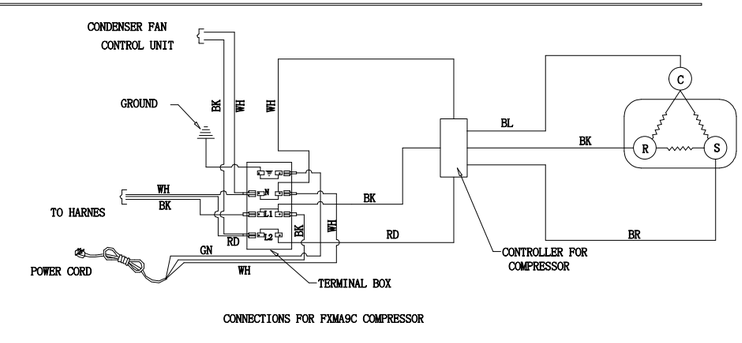


A: Power Supply for LED Lights & Evaporator Fan
B1: On/Off Switch for Interior and Door Side LED Light
B2: On/Off Switch for Door Logo Light
C1: Interior Top LED Light
C2: Door Side LED Light
C3: Door Logo LED Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Controller for Compressor
H: Compressor

ELECTRICAL WIRING DIAGRAM (G11-54)

FOR MODELS: G11-54, G11-54-N234B-2, G11-54-B234B-2, G11-54-P234B-2, G11-54-W234B-2, G11-54-Z234B-2

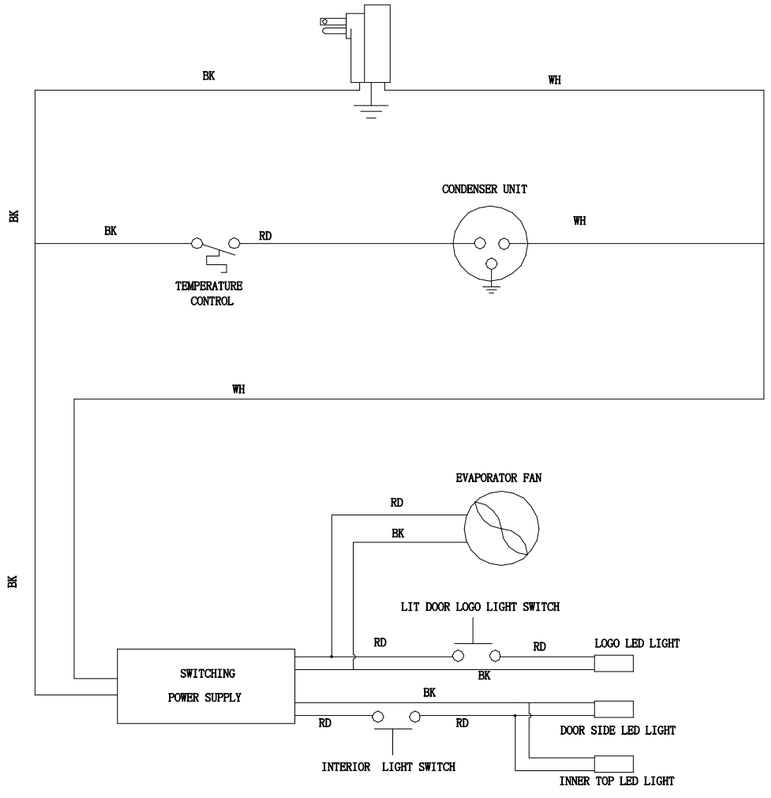


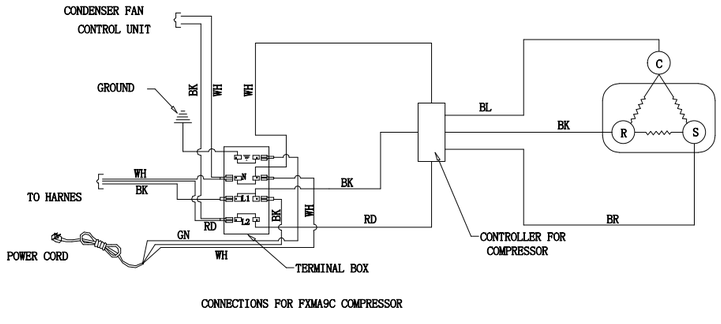


CONNECTIONS FOR FXMA9C COMPRESSOR

ELECTRICAL WIRING DIAGRAM (GCG11-54)

FOR MODELS: GCG11-54, GCG11-54-N234B-2, GCG11-54-N2234B-2, GCG11-54-B234B-2, GCG11-54-B2234B-2, GCG11-54-P234B-2, GCG11-54-P2234B-2, GCG11-54-W234B-2, GCG11-54-W2234B-2, GCG11-54-Z234B-2, GCG11-54-Z2234B-2, GCG11-54-A234B-2

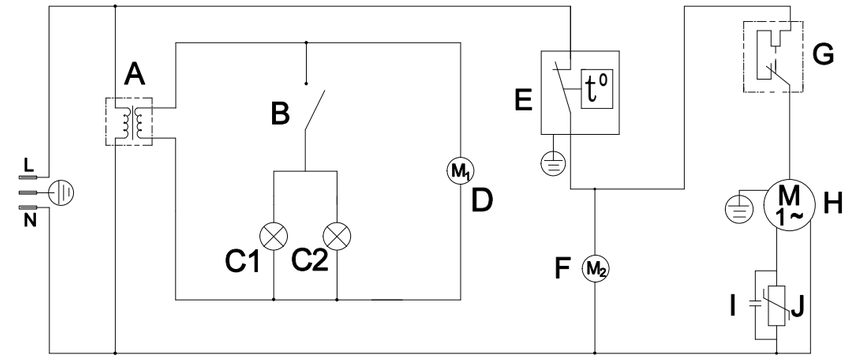




CONNECTIONS FOR FXMA9C COMPRESSOR

CIRCUIT DIAGRAM (G11-74)

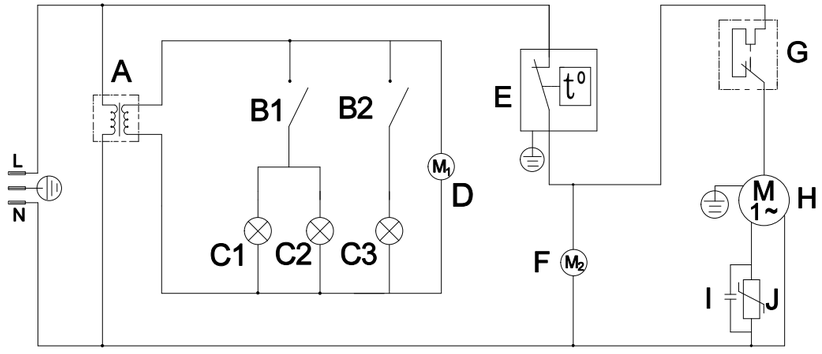
FOR MODELS: G11-74, G11-74-N33EB-2, G11-74-B33EB-2, G11-74-P33EB-2, G11-74-W33EB-2, G11-74-Z33EB-2



A: Power Supply for LED Lights & Evaporator Fan
B: On/Off Switch for Interior LED Light
C1: Interior Top LED Light
C2: Door Side LED Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Overload for Compressor
H: Compressor
I: Compressor Running Capacitor
J: Compressor PTC

CIRCUIT DIAGRAM (GCG11-74)

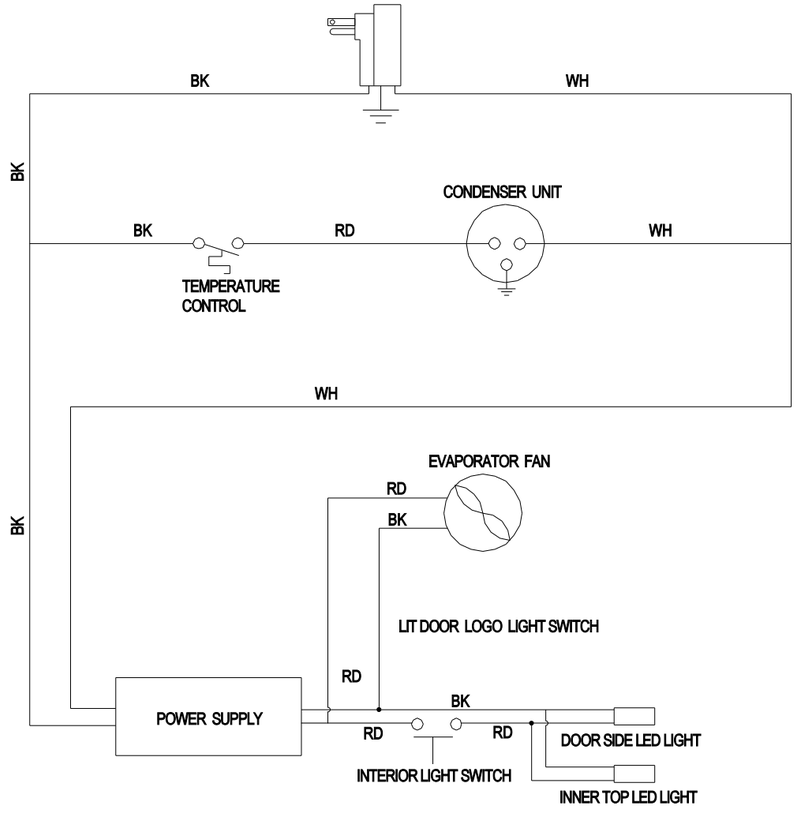
FOR MODELS: GCG11-74, GCG11-74-N33EB-2, GCG11-74-N233EB-2, GCG11-74-B33EB-2, GCG11-74-B233EB-2, GCG11-74-P33EB-2, GCG11-74-P233EB-2, GCG11-74-W33EB-2, GCG11-74-W233EB-2, GCG11-74-Z33EB-2, GCG11-74-Z233EB-2, GCG11-74-A33EB-2

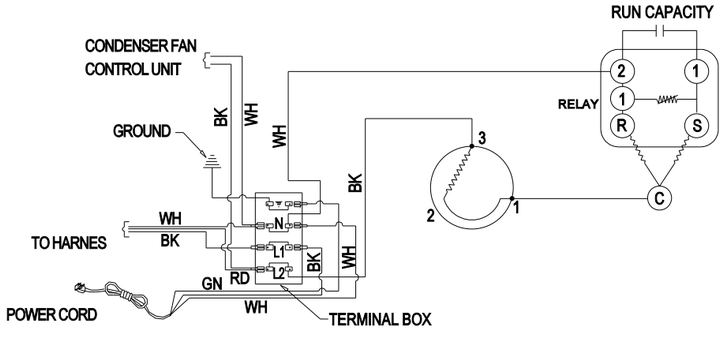


A: Power Supply for LED Lights & Evaporator Fan
B1: On/Off Switch for Interior LED Light
B2: On/Off Switch for Door Logo Light
C1: Interior Top LED Light
C2: Door Side LED Light
C3: Door Logo LED Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Overload for Compressor
H: Compressor
I: Compressor Running Capacitor
J: Compressor PTC

ELECTRICAL WIRING DIAGRAM (G11-74)

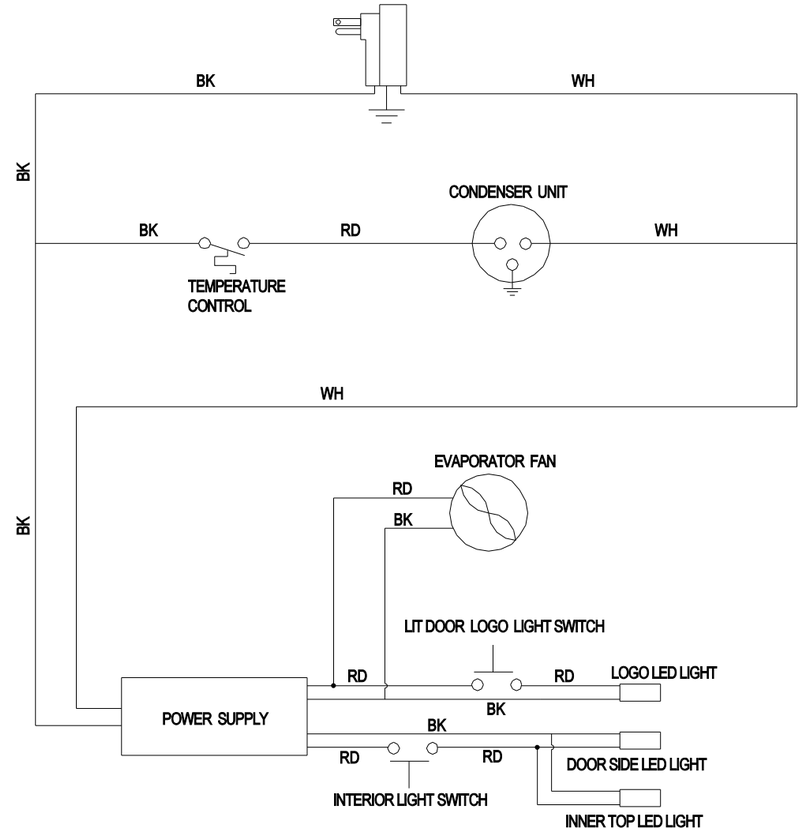
FOR MODELS: G11-74, G11-74-N33EB-2, G11-74-B33EB-2, G11-74-P33EB-2, G11-74-W33EB-2, G11-74-Z33EB-2

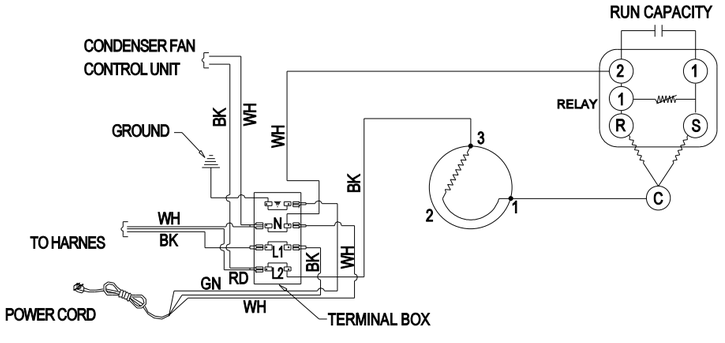




ELECTRICAL WIRING DIAGRAM (GCG11-74)

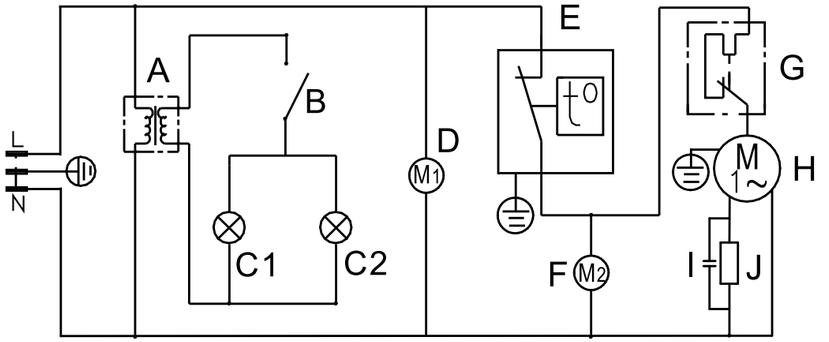
FOR MODELS: GCG11-74, GCG11-74-N33EB-2, GCG11-74-N233EB-2, GCG11-74-B33EB-2, GCG11-74-B233EB-2, GCG11-74-P33EB-2, GCG11-74-P233EB-2, GCG11-74-W33EB-2, GCG11-74-W233EB-2, GCG11-74-Z33EB-2, GCG11-74-Z233EB-2, GCG11-74-A33EB-2





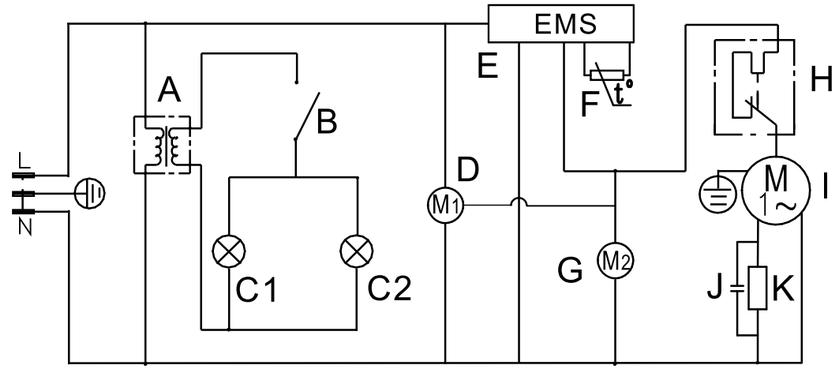
CIRCUIT DIAGRAM (G-10F & G-12F)

FOR MODELS: G-10-F334B, G-10-FP334B, G-10-F334B-HC, G-10-FP334B-HC, G-12-F334B, G-12-FP334B, G-12-F334B-HC, G-12-FP334B-HC



A: Power Supply for LED Lights
B: On/Off Switch for Interior Light
C1: Interior Top LED Light
C2: Door Side LED Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Overload for Compressor
H: Compressor
I: Compressor Running Capacitor
J: Compressor PTC

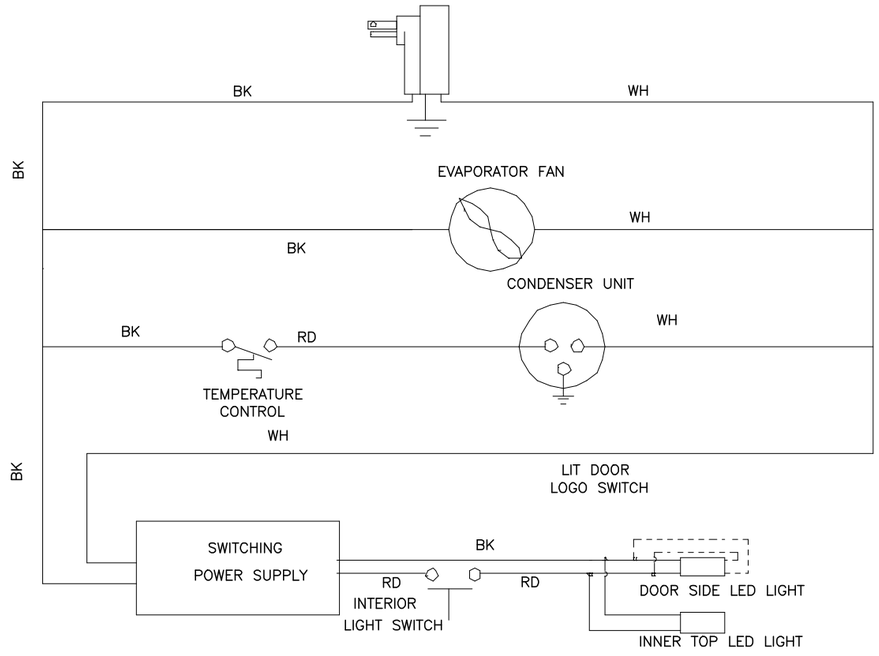
FOR MODELS: G-10-F934B, G-10-FP934B, G-10-FW934B,G-10-FZ934B, G-10-FS934B, G-10-FB934B, G-10-F934B-HC, G-10-FP934B-HC, G-10-FW934B-HC, G-10-FZ934B-HC, G-10-FS934B-HC, G-10-FB934B-HC, G-12-F934B, G-12-FP934B, G-12-FW934B, G-12-FZ934B, G-12-FS934B, G-12-FB934B, G-12-F934B-HC, G-12-FP934B-HC, G-12-FW934B-HC, G-12-FZ934B-HC, G-12-FS934B-HC, G-12-FB934B-HC

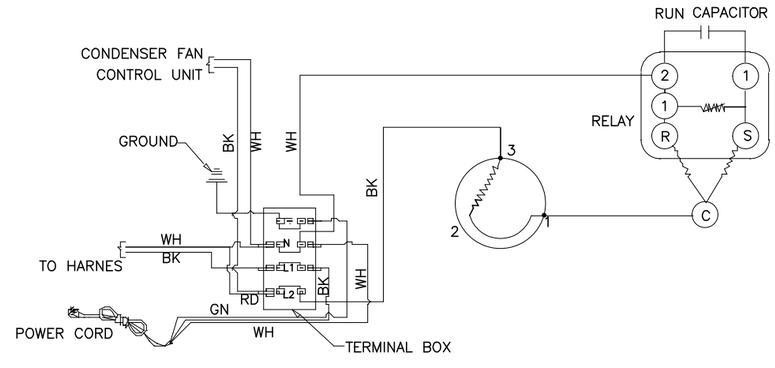


A: Power Supply for LED Lights
B: On/Off Switch for Interior Light
C1: Interior Top LED Light
C2: Door Side LED Light
D: Evaporator Fan
E: Thermostat
F: Sensor
G: Condenser Fan
H: Overload for Compressor
I: Compressor
J: Compressor Running Capacitor
K: Compressor PTC

ELECTRICAL WIRING DIAGRAM (G-10F & G-12F)

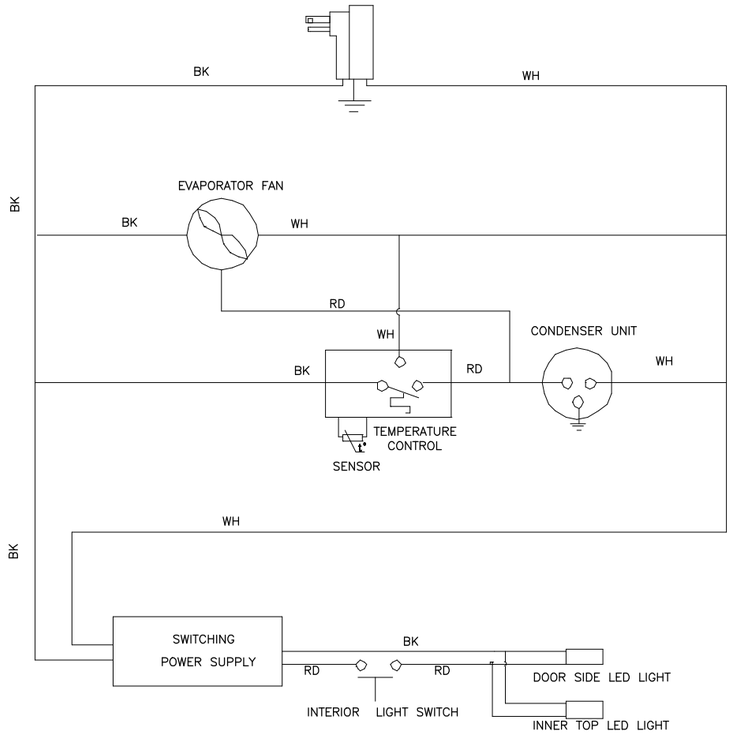
FOR MODELS: G-10-F334B, G-10-FP334B, G-10-F334B-HC, G-10-FP334B-HC, G-12-F334B, G-12-FP334B, G-12-F334B-HC, G-12-FP334B-HC

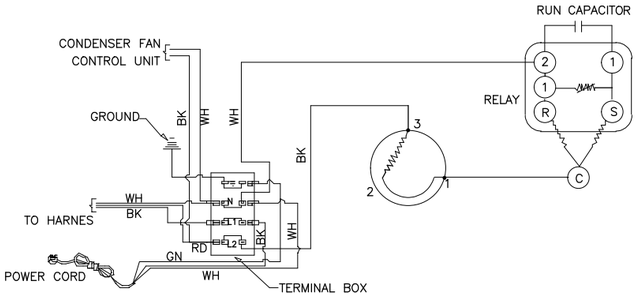




ELECTRICAL WIRING DIAGRAM (G-10F & G-12F)

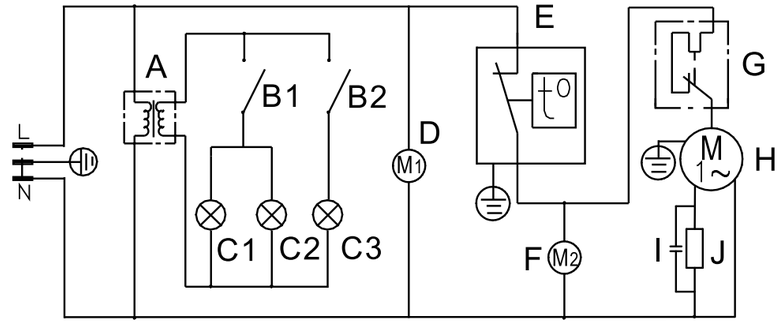
FOR MODELS: G-10-F934B, G-10-FP934B, G-10-FW934B,G-10-FZ934B, G-10-FS934B, G-10-FB934B, G-10-F934B-HC, G-10-FP934B-HC, G-10-FW934B-HC, G-10-FZ934B-HC, G-10-FS934B-HC, G-10-FB934B-HC, G-12-F934B, G-12-FP934B, G-12-FW934B, G-12-FZ934B, G-12-FS934B, G-12-FB934B, G-12-F934B-HC, G-12-FP934B-HC, G-12-FW934B-HC, G-12-FZ934B-HC, G-12-FS934B-HC, G-12-FB934B-HC





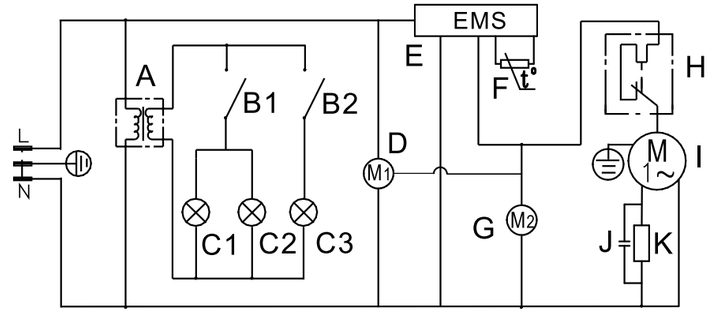
CIRCUIT DIAGRAM (GCG-10F & GCG-12F)

FOR MODELS: GCG-10-F334B, GCG-10-F0334B, GCG-10-FP334B, GCG-10-FW334B, GCG-10-FW2334B, GCG-10-FZ334B, GCG-10-FZ2334B, GCG-10-FA334B, GCG-10-FS334B, GCG-10-F2S334B, GCG-10-FB334B, GCG-10-F334B-HC, GCG-10-F2334B-HC, GCG-10-FP334B-HC, GCG-10-FA334B-HC, GCG-10-FS334B-HC, GCG-10-F2S334B-HC, GCG-12-F334B, GCG-12-F2334B, GCG-12-FP334B, GCG-12-FW334B, GCG-12-FW2334B, GCG-12-FZ334B, GCG-12-FZ2334B, GCG-12-FA334B, GCG-12-FS334B, GCG-12-F2S334B, GCG-12-FB334B, GCG-12-F334B-HC, GCG-12-F2334B-HC, GCG-12-FP334B-HC, GCG-12-FA334B-HC, GCG-12-FS334B-HC, GCG-12-F2S334B-HC



A: Power Supply for LED Lights
B1: On/Off Switch for Interior Light
B2: On/Off Switch for Lit Door Logo Light
C1: Interior Top LED Light
C2: Door Side LED Light
C3: Door LED Logo Light
D: Evaporator Fan
E: Thermostat
F: Condenser Fan
G: Overload for Compressor
H: Compressor
I: Compressor Running Capacitor
J: Compressor PTC

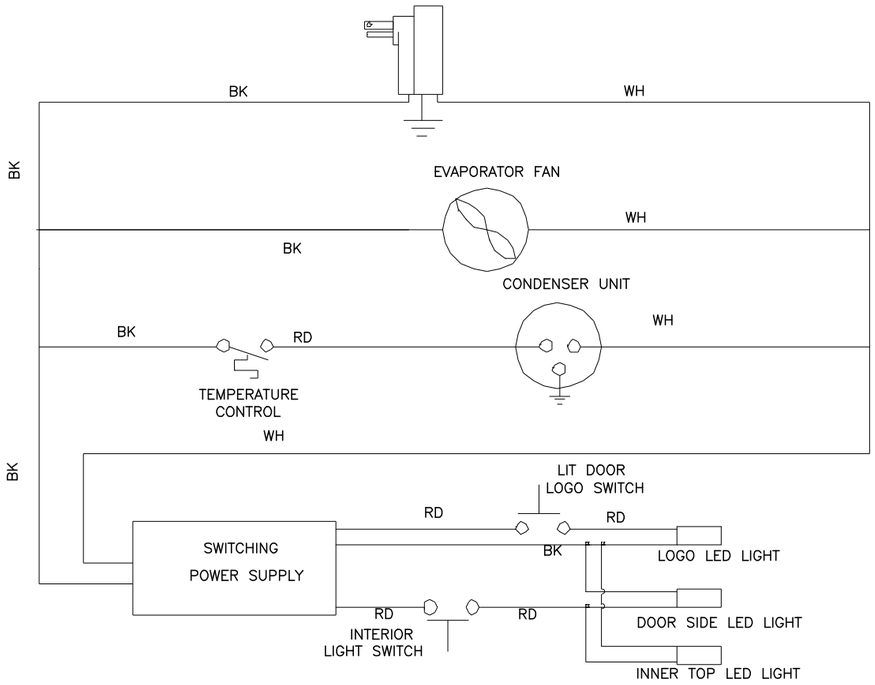
FOR MODELS: GCG-10-F934B, GCG-10-F2934B, GCG-10-FP934B, GCG-10-FP2934B, GCG-10-FW934B, GCG-10-FW2934B, GCG-10-FZ934B, GCG-10-FZ2934B, GCG-10-FA934B, GCG-10-FA2934B, GCG-10-FS934B, GCG-10-F2S934B, GCG-10-FB934B, GCG-10-F934B-HC, GCG-10-F2934B-HC, GCG-10-FP934B-HC, GCG-10-FP2934B-HC, GCG-10-FW934B-HC, GCG-10-FW2934B-HC, GCG-10-FZ934B-HC, GCG-10-FZ2934B-HC, GCG-10-FA934B-HC, GCG-10-FA2934B-HC, GCG-10-FS934B-HC, GCG-10-F2S934B-HC, GCG-10-FB934B-HC, GCG-12-F934B, GCG-12-F2934B, GCG-12-FP934B, GCG-12-FP2934B, GCG-12-FW934B, GCG-12-FW2934B, GCG-12-FZ934B, GCG-12-FZ2934B, GCG-12-FA934B, GCG-12-FA2934B, GCG-12-FS934B, GCG-12-F2S934B, GCG-12-FB934B, GCG-12-F934B-HC, GCG-12-F2934B-HC, GCG-12-FP934B-HC, GCG-12-FP2934B-HC, GCG-12-FW934B-HC, GCG-12-FW2934B-HC, GCG-12-FZ934B-HC, GCG-12-FZ2934B-HC, GCG-12-FA934B-HC, GCG-12-FA2934B-HC, GCG-12-FS934B-HC, GCG-12-F2S934B-HC, GCG-12-FB934B-HC

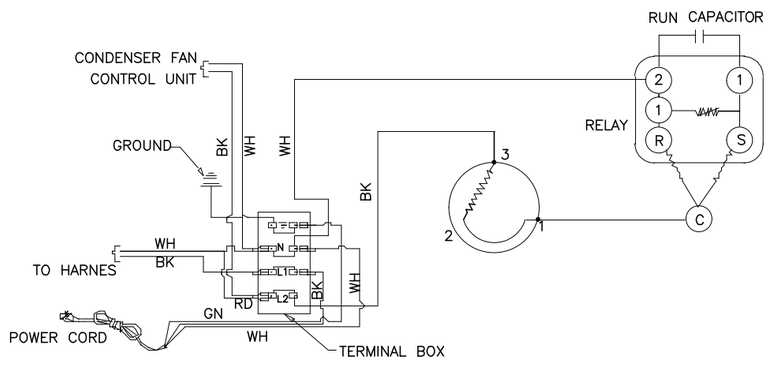


A: Power Supply for LED Lights
B1: On/Off Switch for Interior Light
B2: On/Off Switch for Lit Door Logo Light
C1: Interior Top LED Light
C2: Door Side LED Light
C3: Door LED Logo Light
D: Evaporator Fan
E: Thermostat
F: Sensor
G: Condenser Fan
H: Overload for Compressor
I: Compressor
J: Compressor Running Capacitor
K: Compressor PTC

ELECTRICAL WIRING DIAGRAM (GCG-10F & GCG-12F)

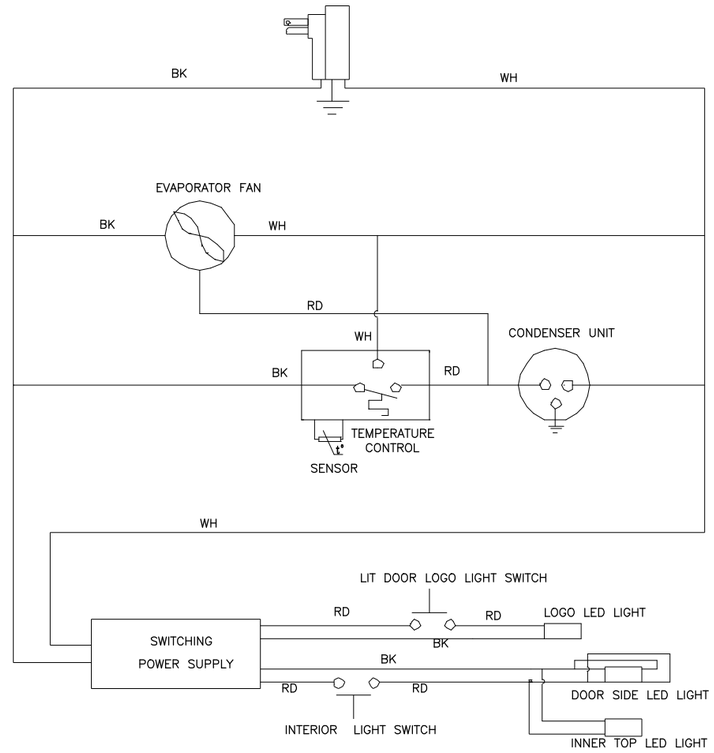
FOR MODELS: GCG-10-F334B, GCG-10-F0334B, GCG-10-FP334B, GCG-10-FW334B, GCG-10-FW2334B, GCG-10-FZ334B, GCG-10-FZ2334B, GCG-10-FA334B, GCG-10-FS334B, GCG-10-F2S334B, GCG-10-FB334B, GCG-10-F334B-HC, GCG-10-F2334B-HC, GCG-10-FP334B-HC, GCG-10-FA334B-HC, GCG-10-FS334B-HC, GCG-10-F2S334B-HC, GCG-12-F334B, GCG-12-F2334B, GCG-12-FP334B, GCG-12-FW334B, GCG-12-FW2334B, GCG-12-FZ334B, GCG-12-FZ2334B, GCG-12-FA334B, GCG-12-FS334B, GCG-12-F2S334B, GCG-12-FB334B, GCG-12-F334B-HC, GCG-12-F2334B-HC, GCG-12-FP334B-HC, GCG-12-FA334B-HC, GCG-12-FS334B-HC, GCG-12-F2S334B-HC

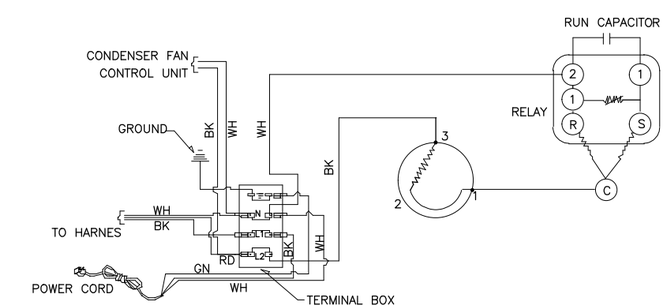




ELECTRICAL WIRING DIAGRAM (GCG-10F & GCG-12F)

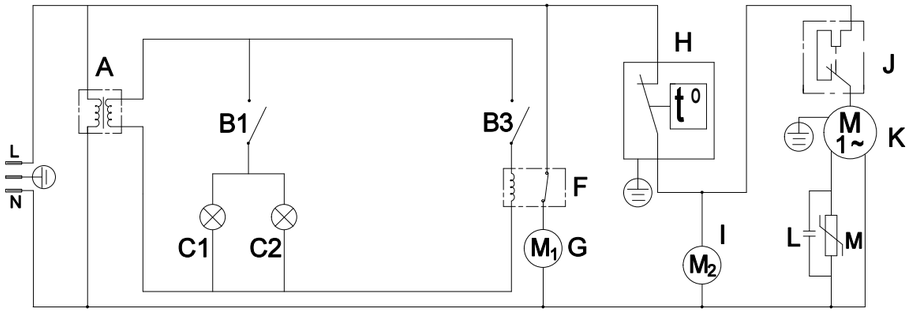
FOR MODELS: GCG-10-F934B, GCG-10-F2934B, GCG-10-FP934B, GCG-10-FP2934B, GCG-10-FW934B, GCG-10-FW2934B, GCG-10-FZ934B, GCG-10-FZ2934B, GCG-10-FA934B, GCG-10-FA2934B, GCG-10-FS934B, GCG-10-F2S934B, GCG-10-FB934B, GCG-10-F934B-HC, GCG-10-F2934B-HC, GCG-10-FP934B-HC, GCG-10-FP2934B-HC, GCG-10-FW934B-HC, GCG-10-FW2934B-HC, GCG-10-FZ934B-HC, GCG-10-FZ2934B-HC, GCG-10-FA934B-HC, GCG-10-FA2934B-HC, GCG-10-FS934B-HC, GCG-10-F2S934B-HC, GCG-10-FB934B-HC, GCG-12-F934B, GCG-12-F2934B, GCG-12-FP934B, GCG-12-FP2934B, GCG-12-FW934B, GCG-12-FW2934B, GCG-12-FZ934B, GCG-12-FZ2934B, GCG-12-FA934B, GCG-12-FA2934B, GCG-12-FS934B, GCG-12-F2S934B, GCG-12-FB934B, GCG-12-F934B-HC, GCG-12-F2934B-HC, GCG-12-FP934B-HC, GCG-12-FP2934B-HC, GCG-12-FW934B-HC, GCG-12-FW2934B-HC, GCG-12-FZ934B-HC, GCG-12-FZ2934B-HC, GCG-12-FA934B-HC, GCG-12-FA2934B-HC, GCG-12-FS934B-HC, GCG-12-F2S934B-HC, GCG-12-FB934B-HC





CIRCUIT DIAGRAM (G-28)

FOR MODELS: G-28, G-28-N335B-2, G-28-B335B-2, G-28-P335B-2, G-28-W335B-2, G-28-Z335B-2,

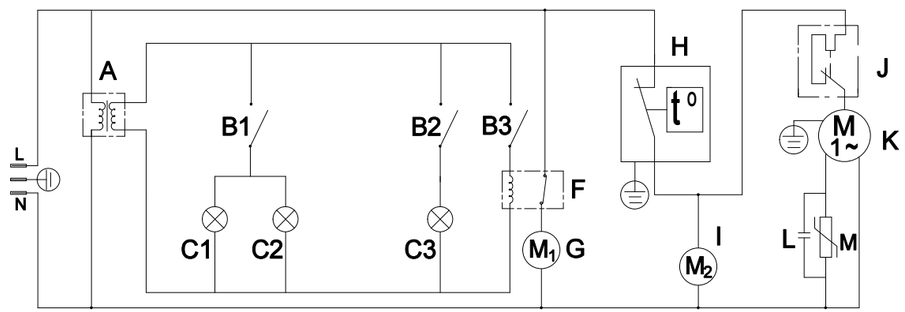


A: Power Supply for LED Lights & Relay
B1: On/Off Switch for Interior LED Light
B3: Door Switch
C1: Interior Top LED Light
C2: Door Side LED Light
F: Relay for Evaporator Fan
G: Evaporator Fan

H: Thermostat
I: Condenser Fan
J: Overload for Compressor
K: Compressor
L: Compressor Running Capacitor
M:Compressor PTC

CIRCUIT DIAGRAM (GCG-28)

FOR MODELS: GCG-28, GCG-28-N335B -2, GCG-28-2335B-2, GCG-28-B335B-2, GCG-28-B2335B-2, GCG-28-P335B-2, GCG-28-P2335B-2, GCG-28-W335B-2, GCG-28-W2335B-2, GCG-28-Z335B-2, GCG-28-Z2335B-2

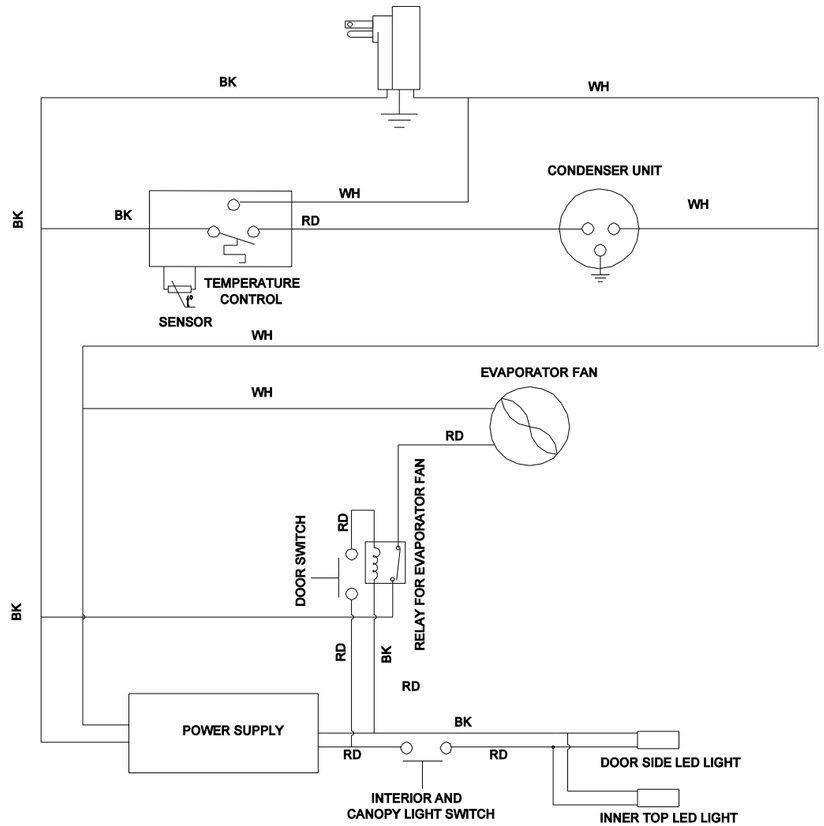


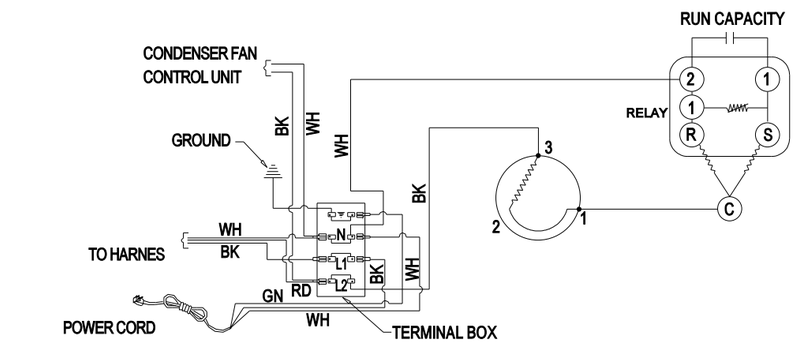
A: Power Supply for LED Lights & Relay
B1: On/Off Switch for Interior LED Light
B2: On/Off Switch for Lit Door Logo Light
B3: Door Switch
C1: Interior Top LED Light
C2: Door Side LED Light
C3:Door Logo LED Light

F: Relay for Evaporator Fan
G: Evaporator Fan
H: Thermostat
I: Condenser Fan
J: Overload for Compressor
K: Compressor
L: Compressor Running Capacitor
M:Compressor PTC

ELECTRICAL WIRING DIAGRAM (G-28)

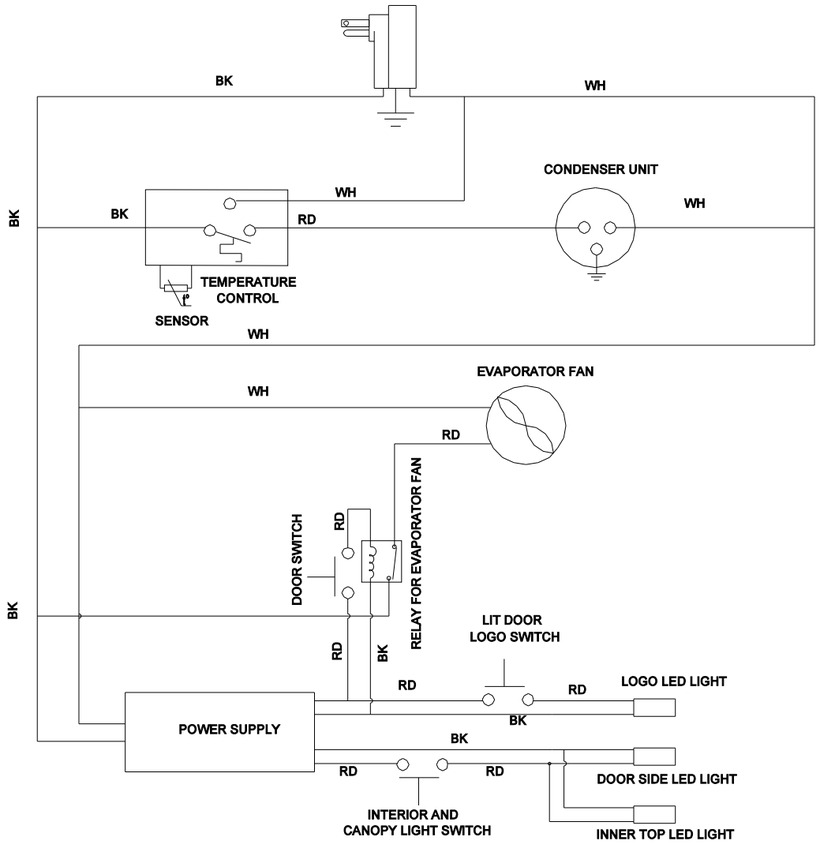
FOR MODELS: G-28, G-28-N335B-2, G-28-B335B-2, G-28-P335B-2, G-28-W335B-2, G-28-Z335B-2,

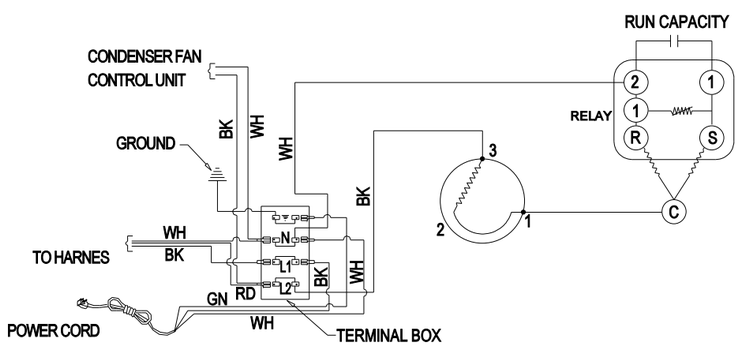




ELECTRICAL WIRING DIAGRAM (GCG-28)

FOR MODELS: GCG-28, GCG-28-N335B -2, GCG-28-2335B-2, GCG-28-B335B-2, GCG-28-B2335B-2, GCG-28-P335B-2, GCG-28-P2335B-2, GCG-28-W335B-2, GCG-28-W2335B-2, GCG-28-Z335B-2, GCG-28-Z2335B-2





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