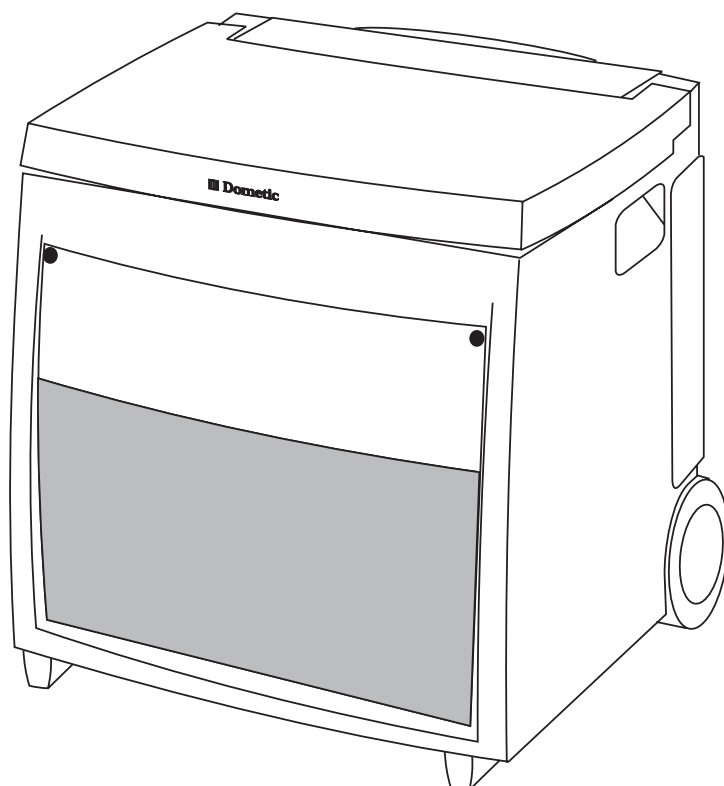




Portable Refrigerator

RC 4000



Operating Instructions
Mode d'emploi





Please read these operating instructions carefully before putting the refrigeration unit into operation. If you later sell or dispose of it, please ensure that the new owner receives these operating instructions.

Thank you for choosing our appliance. We are sure it will provide you with trouble-free use.

In the following, we would like to familiarise you with some symbols, which we bring to your attention to ensure the safe and efficient operation of the appliance:



source of danger, in event of improper operation



suggested useful tips to read

This refrigerator is to be operated by HD-5 Propane Gas and electricity (12 V dc and 120 V ac).



Attention!

Your portable refrigerator - **in gas operation** - must only be used in a well-ventilated place, where it is protected from rain or water splashes. **In electrical operation**, the appliance can be used in an enclosed area. However the appliance must still be protected from moisture.



For your safety!

If you smell gas:

1. Evacuated enclosure
2. Call for professional help.



For your safety!

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.



Warning!

This refrigerator consumes air (oxygen). Provide ample ventilation especially when sleeping. Do not use this refrigerator in unventilated structures to avoid endangering your life. Provide additional ventilation for any additional fuel burning appliances and additional occupants.

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1. Unpacking

After removal from the cardboard packaging, make sure the appliance is not damaged. If you find damage to the appliance resulting from transport, report it immediately to the transportation firm.

2. View of the appliance

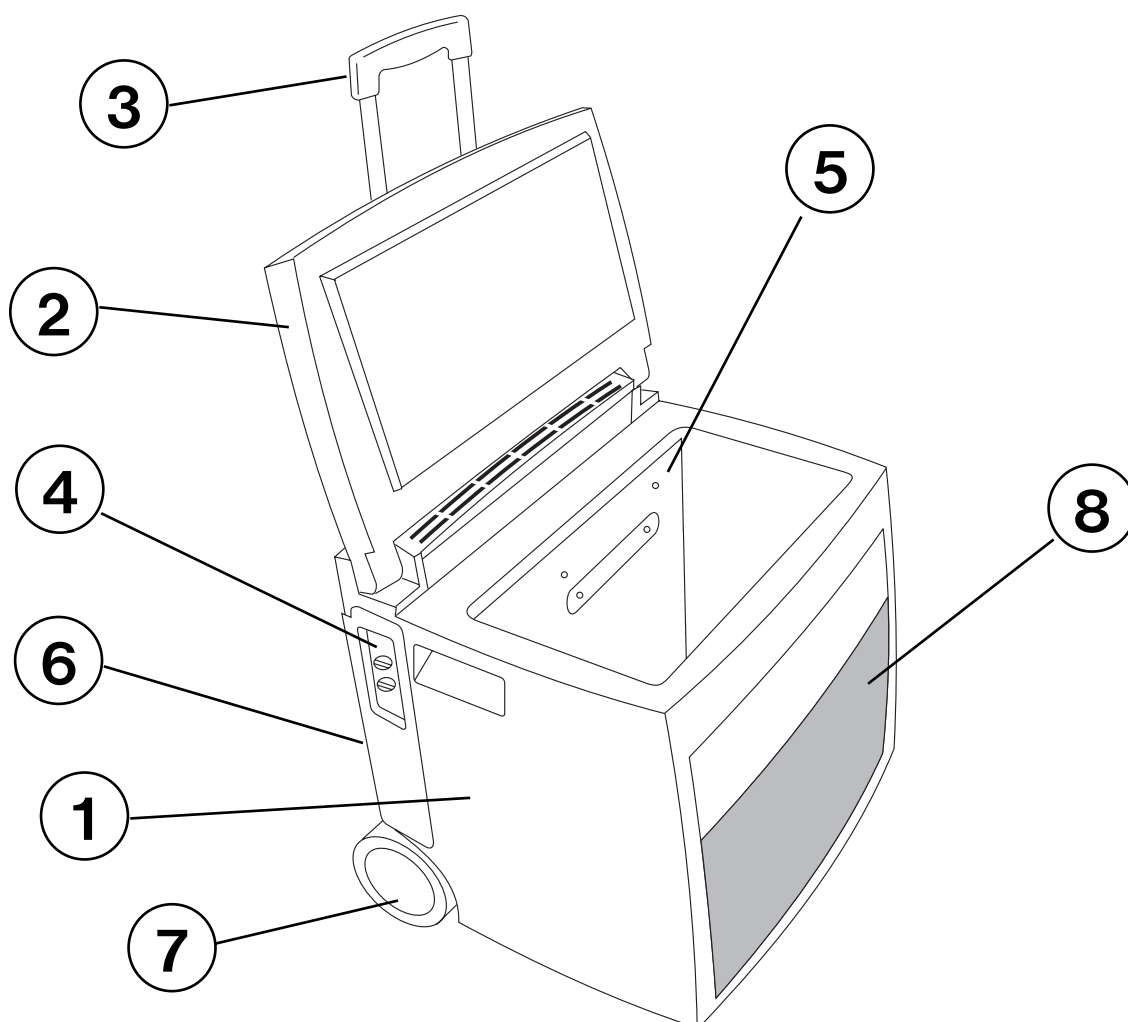


Figure 1.

- 1. Insulated casing
- 2. Insulated lid
- 3. Pull handle
- 4. Control panel

- 5. Evaporator panel
- 6. Rear cover
- 7. Wheels
- 8. Storage net

3. Cleaning

i Clean both the inside and outside of the appliance before putting it into use.

- To do so, use a soft towel, lukewarm water and a non-abrasive detergent. Ensure water does not enter the rear cover grille or the control elements.
- Afterwards, wipe the appliance with a clean towel and clear water, and then wipe it dry.
- To avoid damage, do not use soap, soda or abrasive cleaners.

4. Installation:

The installation of the refrigerator must conform with the following American National Standards as applicable: ANS Z21.74b - 1992 Portable Refrigerator; in Canada: CAN1-11.4-M79.

For installation, for maintaining proper clearances from combustible material to the refrigerator, the following minimum clearances must be observed:

clearance from rear edge to outer casing of refrigerator: 4 inches

clearance above top of refrigerator lid: 6 or 15 inches

clearance at sides of refrigerator casing: 0 inch

Fig. 2. illustrates these minimum clearances.

See that the refrigerator is standing level in both directions by means of a spirit level. This is important for satisfactory operation of the cooling unit.

The absorption cooling unit is cooled by convection air and therefore it is of the outmost importance that the air circulates free over the unit and that the air vent openings of the refrigerator are always kept open. The more ventilation you provide, the better the performance you can expect from the refrigerator.

NOTES: KEEP APPLIANCE AREA CLEAR AND FREE FROM COMBUSTIBLE MATERIALS, GASOLINE AND OTHER LIQUIDS WITH FLAMMABLE VAPORS.

DO NOT OBSTRUCT THE FLOW OF COMBUSTION AND VENTILATION AIR.

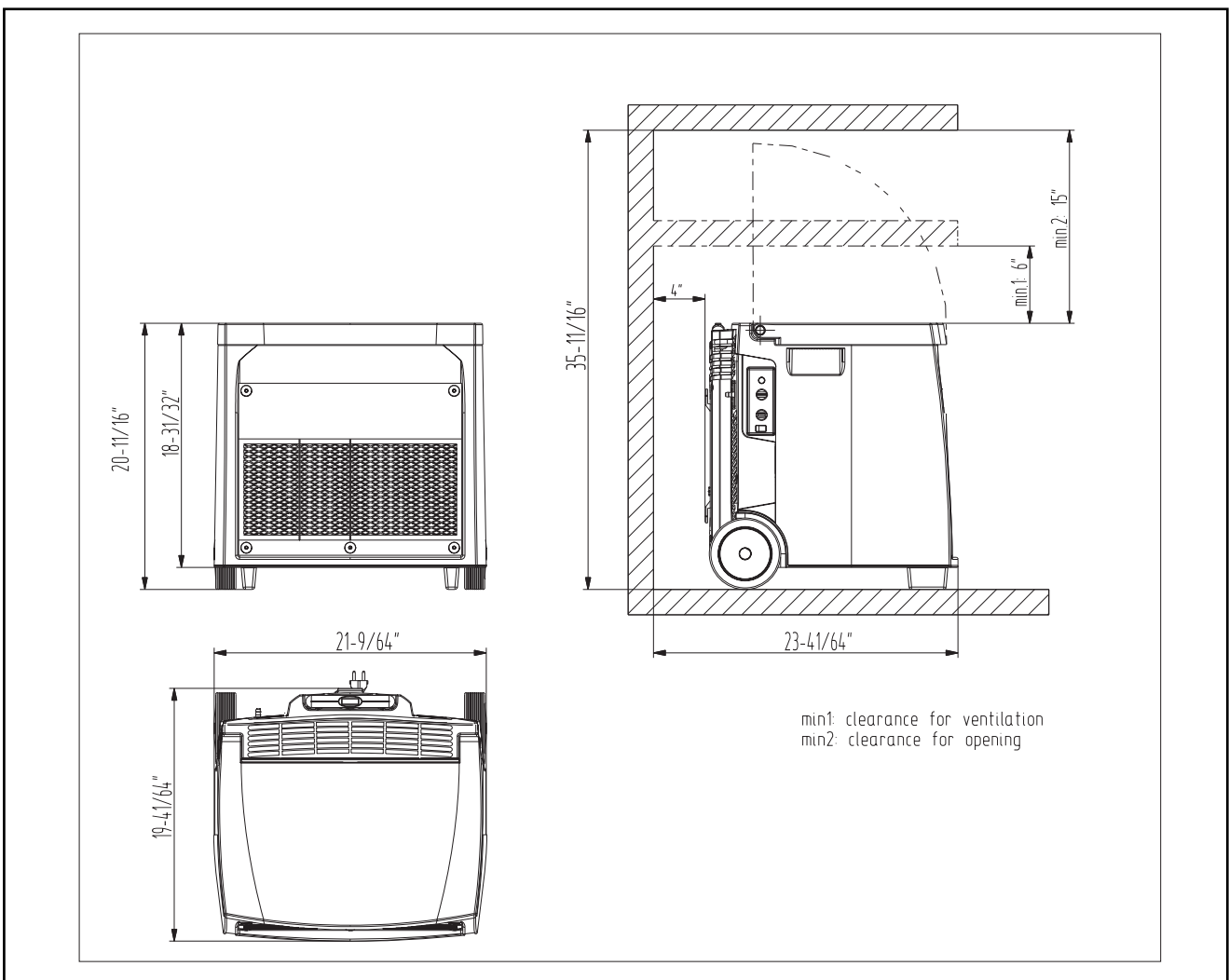


Figure 2.

5. Using the appliance

The cable for mains connection, the 12V connecting cable and the connector for the gas hook-up are located on the back side of the refrigerator (Figure 3).

5.1. Operating from 120 V AC

Warning: Electrical grounding instructions:

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazards and should be plugged directly into a properly grounded three-prong receptable. Do not cut or remove the grounding prong from this plug.

The cord is approximately 5 feet long and a grounded three-prong receptable should be installed in an accessible position within reach of the plug. Do not use any extension cords!

When connecting the appliance for the first time, set the thermostat to maximum; then, after about five hours, set it back to a medium position. This is suitable for general refrigeration requirements.

NB: Plug is provided according to specific regulations in each country and may be different to that shown.

5.2. Operating from vehicle battery

Make sure the voltage shown on the data plate of the appliance matches the voltage of the vehicle battery (12V).

12V DC voltage appliances are equipped with connectors that can be plugged into cigarette lighters (Figure 4.). For some types of vehicle, you may need to remove the red plastic ring located on the end of the connector. To do so, turn the plastic ring in an anti-clockwise direction and pull it off. The appliance can then be connected to the cigarette lighter. In 12V operation, the appliance runs uninterrupted without temperature control.

For 12V operation, make sure, if the engine is not running, that the appliance connector is removed from the cigarette lighter. Otherwise, the appliance will discharge the vehicle battery when in operation.

5.3. Liquid gas operation

Connection to the gas cylinder is described in sections 10.3. and 10.4.

After opening the gas cylinder valve, push the safety gas valve in (Fig. 5.A) and set it to the large flame symbol, holding it in for about 10 seconds. Keep the button pressed and press the piezo-igniting button (Fig. 5.C) several times one after the other. If the flame does not ignite, repeat the process. (Air in the appliance gas line prior to connection to the gas cylinder must be evacuated. Only then can the gas be lit.)

If the burner is working the flame indicator pointer will be in the green field (Fig. 5.D). After you have got the flame keep the safety gas valve down another 20 seconds.

If, for any reason, the gas flame extinguishes, the flame safety device is working automatically and shuts



Figure 3.



Figure 4.

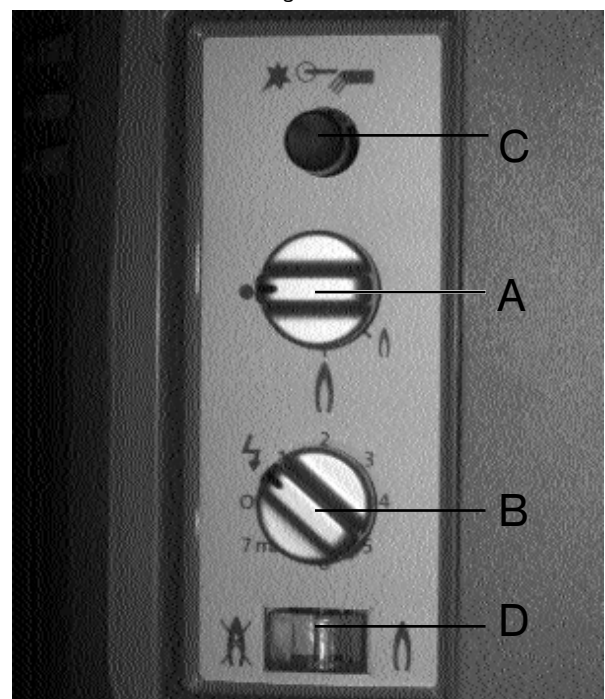


Figure 5.

off gas supply. While the button is pushed, this device is temporary inoperative.

After finishing the gas operation the gas supply is to be turned off at the gas bottle (Fig. 9.1.).

6. Mounting the wheels (Fig. 6.)

The wheel set, found inside the appliance. Just slide the wheels on to the axel and snap in the center hub cap.

7. Useful suggestions

- When planning a trip, run the appliance on 120 V for 24 hours prior to departure. Place only pre-cooled food in the appliance.
- Frost forms on the evaporator panel when in operation. When opening the cover or putting in food, some of this frost melts and collects in the form of water on the bottom of the appliance. Wipe the water off occasionally using a sponge.
- Avoid putting food with fragile packaging (such as glass) into the unit, if you wish to pull it on its wheels. Movements and shaking may cause such items to break.
- Walking downhill, make sure the refrigeration unit does not roll onto your legs. In steep downhill slopes, proceed behind the unit with the wheels in front.
- Once the unit is in its permanent position, make sure that food does not come in contact with the evaporator panel, as this can cause freezer burns to the food.

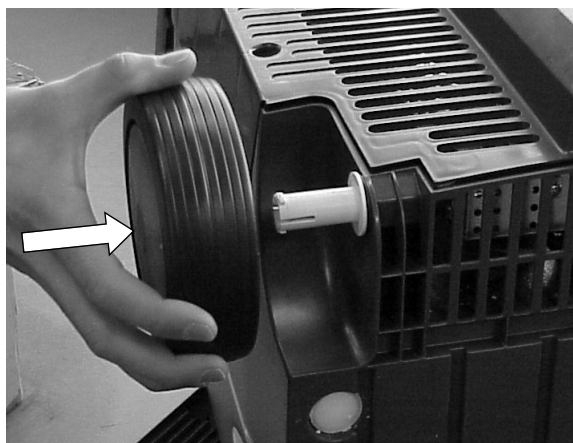


Figure 6.

8. Defrosting, cleaning and maintenance

For defrosting, always unplug the appliance from an electrical power source to avoid the risk of shock. Make sure no other power source is connected (gas or 12 V). Remove food from the unit and leave the lid open. Depending on the temperature, frost melts in a short time from the evaporator panel, with water collecting at the bottom of the appliance. Wipe it off using a towel. Afterwards, clean the appliance by following the instructions in section 3. Leave the lid ajar to prevent any odours from forming. The appliance does not require any further maintenance.

Removal of the preset storage net for cleaning:

- The plastic rivets can be reserved by pressing the center shaft inward using a pen (figure 7). Once this is done the plastic rivets can be removed.
- Before reattaching the net, insert the center shafts of the plastic rivets and then reposition the net and rivets on the face of the refrigerator. Once the net and rivets are positioned properly, push the center shaft inward until you hear a click (figure 8).

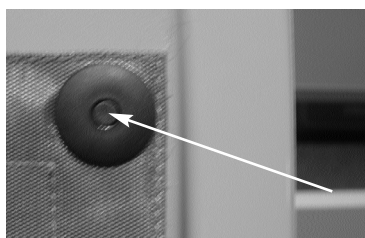


Figure 7.



Figure 8.

9. Warranty and customer service

For warranty or other servicing, such as spare-parts, please contact your Dometic Service Network or Dealer.

This warranty does not cover any damage due to improper use.

The warranty does not cover any modifications to the appliance or the use of non-original Dometic spare-parts.

The warranty does not apply if the installing and operating instructions are not adhered to.

When contacting Dometic Service Network, please state the model, product number and serial number. You will find this information on the data plate on the rear cover of the refrigerator.

Before notifying customer service, please check the following:

- Is location and ventilation satisfactory?
- Does the appliance level?
- Is there power in the wall socket and is the connection suitable for the appliance?
- Is the 120 V AC power cable damaged?
- For 120 V AC operation, is the electric thermostat switched on?
- For gas operation, was the safety valve knob pressed down long enough?
- Is the safety valve knob set towards the large flame symbol?
- Is the gas cylinder or the pressure regulator valve open?
- Is there any gas in the cylinder? (If by shaking, no liquid movement can be detected, then the cylinder is empty.)
- Are by any chance two different power sources connected (such as gas or electricity at the same time)?
- Was warm food placed in the unit?
- Was a large quantity of food put in at one time?

If the appliance does not operate properly after checking the above, contact customer service. When reporting the problem, state the type of problem, the type and model of appliance, and the product number and serial number from the data plate.

We assume the warranty in accordance with our warranty conditions for the appliance.

10. Putting into operation

 You must, in all instances, operate the appliance from a single energy source only. Connecting several energy sources at the same time will cause failure of the appliance.

Technical data:

Model	RC 4000
Type	JCB 6
Gross volume	33 litre
Mains operation	120V (AC)
Input	80 W
Energy consumption	1.4 kWh/24h
Battery operation	12V (DC)
Input	80W
Energy consumption	160Ah/24h
Gas pressure (p)	11" WG
Gas classification	Propane
Jet size	22
Climate class	N
Refrigerant	143g H ₂ O + 67g NH ₃

10.1. Connecting to 120 V AC

 Make sure no other energy source is connected (gas, 12V).

The appliance may only be operated from nominal voltage mains as shown on the data plate. The appliance mains plug may be connected to a mains socket earthed in accordance with regulations. (In foreign countries, because of other electric receptacles, an adapter may be required.)

10.2. Connecting to vehicle power source

Make sure no other energy source is connected (gas, 120V).

12V appliances must be connected to a vehicle cigarette lighter, which is protected with a 16A fuse.

10.3. Connecting to gas cylinder

Make sure no other energy source is connected (120V, 12V).

This refrigerator is designed for self-contained fuel cylinder of not more than 75 cubic inches (2 " pounds nominal water capacity). The cylinder(s) must be constructed and marked in accordance with the specifications for LP-gas cylinders of the U.S. Department of Transportation (DOT), DOT SPEC. 89 (49CFR 178.65), in Canada, with the ministry of transport and communication.

The refrigerator may only be operated by a self-contained 14 oz propane HD5 gas bottle, which is to be connected to the refrigerator by means of the supplied manual control valve and the pressure regulator with hose. The gas burner is fitted with a jet Nr. 22 which is suitable for use on Propane gas at a supply pressure of 11 inches water gauge.

10.4. Connection of gas supply (Fig.9)

- a. fit the manual control valve (Fig.9.1) with pressure regulator (Fig.9.2) and hose finger tight to the self contained 14 oz gas cylinder (Fig. 9.3)

- b. connect the gas hose to the inlet (Fig. 9.4) at the back of the refrigerator with tools (see label at the connection)
- c. put the gas bottle assembly about 10" from the refrigerator.

After connecting **all gas connections must be checked for leaks**. For this put a soapy solution on

all gas connections, turn on the gas cylinder manual valve and watch for bubbles.

For the detection of leaks never use an open flame. If the gas bottle is empty withdraw it from the bottle holder, unscrew the manual control valve / pressure regulator-assembly from the bottle and refit a new one.

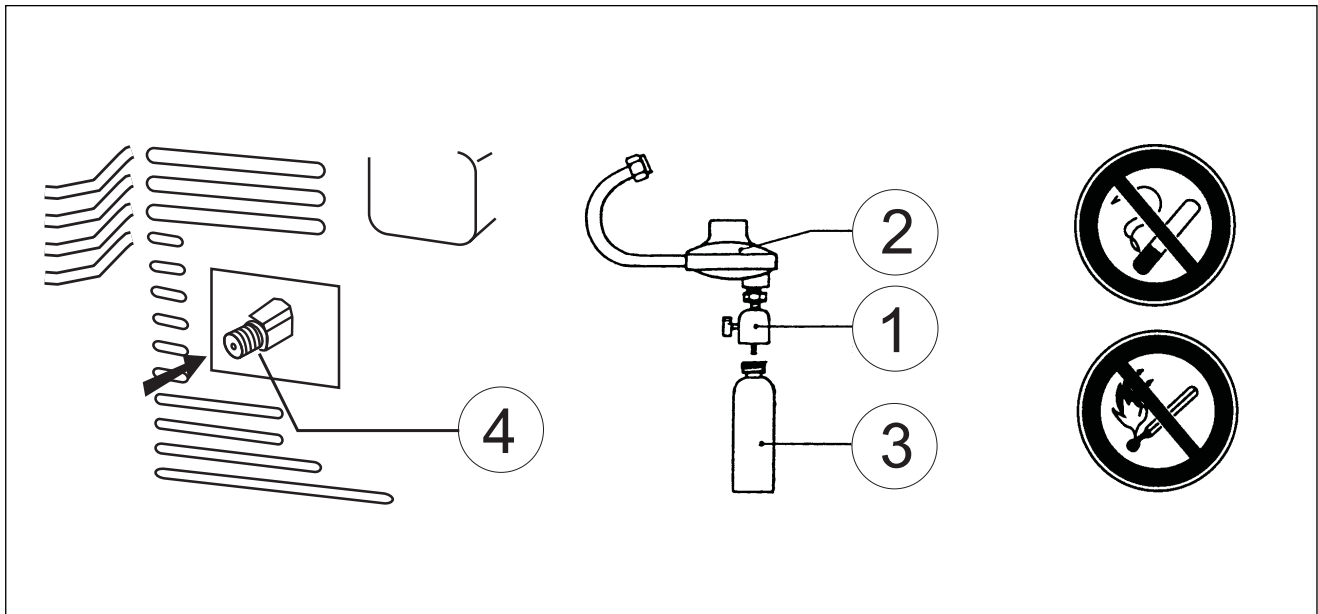


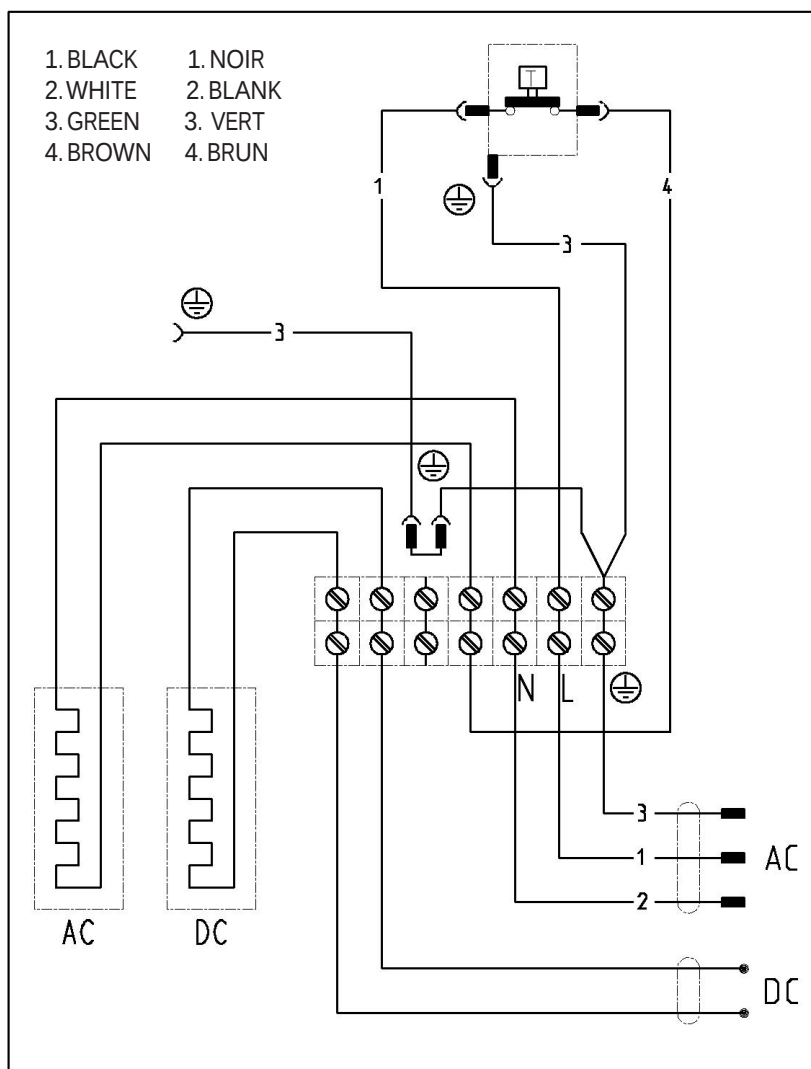
Figure 9.



For your safety:

Do not check for leaks with a naked flame! Do not smoke while checking for leaks!

Wiring Diagram



For Service Center Assistance

Call: 800-544-4881

USA

Service Office
The Dometic Corporation
509 South Poplar Street
LaGrange, IN 46761
Phone: 219-463-4858

CANADA

Dometic Distribution Inc.
866 Langs Drive
Cambridge, Ontario
N3H 2N7 Canada
Phone: 519-653-4390

