



ACCOMPANIES YOU.

Installation Manual

For Australian refrigerator model:

N604M.3 (184 L (approx.) 3-way operation with LP gas, 240 volts AC, or 12 volts DC)



Improper installation, adjustment, alteration, service or maintenance can cause personal injury or property damage. Refer to this manual. For assistance or additional information, contact a qualified installer, service agency, or the LP gas supplier.

FOR YOUR SAFETY

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

FOR YOUR SAFETY

If you smell gas:

- 1. Open windows.**
- 2. Don't touch electrical switches.**
- 3. Extinguish any open flame.**
- 4. Immediately call your gas supplier.**



DO NOT install this refrigerator in below deck marine applications. Do not install this refrigerator in fixed indoor cabin or other dwelling applications. This refrigerator must use only Thetford designed and approved outside air intake and exhaust ventilation for correct and safe operation. Any other ventilation could cause lethal combustion exhaust fumes and/or explosive LP gas fumes to be in the living area and/or to be below deck.

Thetford Australia
41 Lara Way
Campbellfield, VIC 3061

Thetford Customer Support
Telephone: (61) 03-9358-0700
Fax: (61) 03-9357-7060
Web Site: www.thetford.com.au

Table of Contents

Safety Awareness.....	2
Safety Instructions.....	2
Certification and Code Requirements.....	3
Ventilation Requirements.....	3
Key Refrigerator Dimensions.....	4
Assemble the Enclosure.....	5
Install the Upper and Lower Vents.....	5
Install Decorative Door Panels.....	9
Install the Refrigerator.....	9
Reverse the door swing.....	10
Connect the Electrical Components.....	12
Connect the 240 volt AC supply.....	12
Connect the 12 volt DC supply.....	12
Connect the LP Gas Components.....	13
Connect the LP gas supply system.....	13
Examine the LP gas supply system for leaks.....	13
Operation Check.....	14
Troubleshooting Refrigerator Problems.....	14

Safety Awareness

Read this manual carefully and understand the contents before you install the refrigerator.

Be aware of possible safety hazards when you see the safety alert symbol on the refrigerator and in this manual. A signal word follows the safety alert symbol and identifies the danger of the hazard. Carefully read the descriptions of these signal words to fully know their meanings. They are for your safety.



This signal word means a hazard, which if ignored, can cause dangerous personal injury, death, or much property damage.



This signal word means a hazard, which if ignored, can cause small personal injury or much property damage.

Safety Instructions



- This refrigerator is made for use in RV and towable applications, and is correct for camping use. It is made to operate with, and be connected to, multiple energy sources. Disconnect all energy sources before you remove the refrigerator or do servicing to the refrigerator.
- This refrigerator is not approved for use as a free standing refrigerator. It is equipped for the use of LP gas only and can not be changed to use natural gas.
- Incorrect installation, adjustment, alteration, or maintenance of this refrigerator can cause personal injury, property damage, or both.
- Obey the instructions in this manual to install the intake and exhaust vents.
- Do not install the refrigerator directly on carpet. Put the refrigerator on a metal or wood panel that extends the full width and depth of the refrigerator.
- Do not allow anything to touch the refrigerator cooling system.

- LP gas can ignite and cause an explosion that can result in property damage, personal injury, or death. Do not smoke or create sparks. Do not use an open flame to examine the LP gas supply line for leaks. Always use two wrenches to tighten or loosen the LP gas supply line connections.
- Make sure the electrical installation obeys all applicable codes. See “Certification and Code Requirements” section.
- Do not bypass or change the refrigerator’s electrical components or features.
- Do not spray liquids near electrical outlets, connections, or the refrigerator components. Many liquids are electrically conductive and can cause a shock hazard, electrical shorts, and in some cases fire.
- The refrigerator cooling system is under pressure. Do not try to repair or to recharge a defective cooling system. The cooling system contains sodium chromate. The breathing of certain chromium compounds can cause cancer. The cooling system contents can cause severe skin and eye burns, and can ignite and burn with an intense flame. Do not bend, drop, weld, move, drill, puncture, or hit the cooling system.
- The rear of the refrigerator has sharp edges and corners. To prevent cuts or abrasions when working on the refrigerator, use caution and wear cut resistant gloves.



Certification and Code Requirements

This refrigerator is certified under the latest edition of the Australian Gas Association Standard AS4555/AG105 and the Australian National Electric Standard for household and similar electrical appliances AS/NZS 3350.1:1994.

The refrigerator is made for installation in a caravan or a recreational vehicle. The installation must obey the requirements of this “installation Manual” for the THETFORD limited warranty to be in effect.

The installation must agree with local codes. In the absence of local codes, the installation must obey these standards:

- Gas Installations AS5601.
- National Fuel Gas Code, ANSI Z223.1 (latest edition).
- Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280.
- Standard for Recreational Vehicles, RVIA A119.2 latest edition.
- All gas supply piping and fittings must obey local, and national codes about type and size.

Ventilation Requirements



The completed installation must:

- Make sure there is sufficient intake of fresh air for combustion.
- Make sure the living space is completely isolated from the combustion system of the refrigerator.
- Make sure there is complete and unrestricted ventilation of the flue exhaust which, in gas mode, can produce carbon monoxide. The breathing of carbon monoxide fumes can cause dizziness, nausea, or in extreme cases, death.
- Make sure the refrigerator is completely isolated from its heat generating components through the correct use of baffles and panel construction.

Certified installation needs one lower intake vent and one upper exhaust vent. Install the upper exhaust vent either through the roof or through the side wall of the vehicle exactly as written in this manual. Any other installation method voids both the certification and the factory warranty of the refrigerator.

The bottom of the opening for the lower intake vent, which is also the service access door, must be even with or immediately below the floor level. This allows any leaking LP gas to escape to the outside and not to collect at floor level.

While there are no maximum clearances specified for certification, the following maximum clearances are necessary for correct refrigeration:

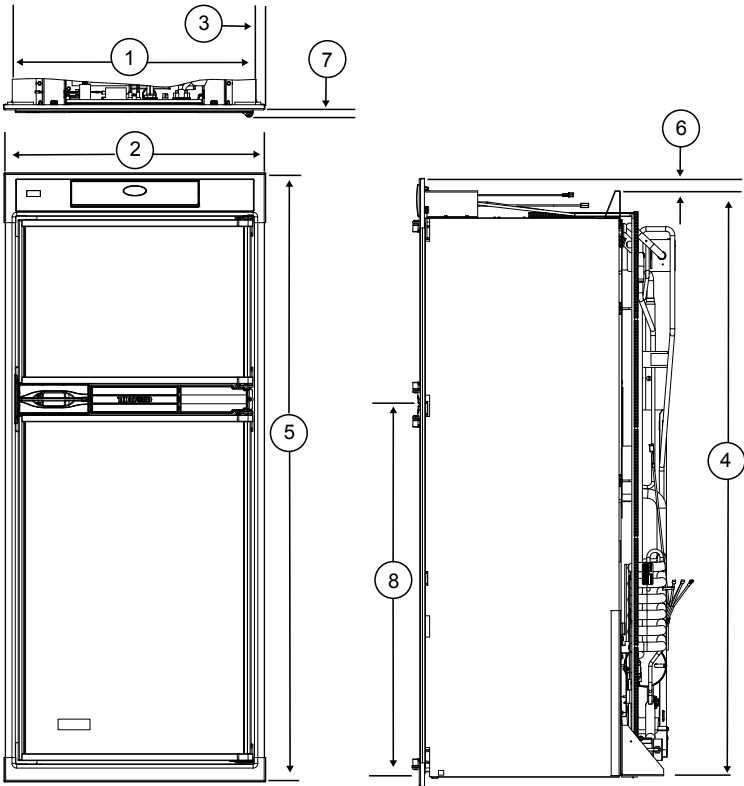
Bottom	0mm min.	0mm max.
Each Side	0mm min	3mm max.
Top	0mm min.	6mm max.
Rear	0mm min.	25mm max.

These clearances plus the lower and upper vents cause the natural air draft that is necessary for good refrigeration. Cooler air comes in through the lower intake vent, goes up around the refrigerator coils where it removes the excess heat from the refrigerator components, and goes out through the upper exhaust vent. If this air flow is blocked or decreased, the refrigerator will not cool correctly.

Key Refrigerator Dimensions

These key refrigerator dimensions are for your reference as necessary (See Art02509).

- Refrigerator cabinet width w/o trim:
596.2mm max..... 1
- Refrigerator width overall w/ trim:
624.8mm. 2
- Refrigerator cabinet to side trim:
20.3mm 3
- Refrigerator cabinet height w/o trim:
1407mm max..... 4
- Refrigerator height overall w/ trim:
1454mm 5
- Refrigerator cabinet to top/bottom trim:
30mm 6
- Enclosure wall to hinges:
27.9mm 7
- Refrigerator cabinet to center of handles:
825.5mm 8



ART 02509

Assemble the Enclosure

1. Make sure the enclosure is: 1415 mm high x 607 mm wide x 620 mm deep.
2. Make sure the floor is solid and level.
 - The floor must be metal or a wood panel and extend the full width and depth of the enclosure.
 - The floor must be able to support the weight of the refrigerator and its contents.
3. Make sure there are no adjacent heat sources such as a furnace vent, a hot water heater vent, etc.
4. If there is more than 13 mm between either side of the refrigerator and the inside of the enclosure:
 - Fill the space with fiberglass insulation or add a baffle to eliminate the excess clearance.
 - Make sure that the rear of the batt-type insulation is between 455 - 485 mm from the face of the enclosure.
 - Securely attach the batt-type insulation to the enclosure so that it remains in this position during refrigerator installation, if it becomes wet, and in windy conditions.

Install the Lower and Upper Vents

1. Using the following chart, decide which vents and rough opening (RO) sizes to use:

Certified Vent	P/N	RO Height	RO Width
Upper Roof Exhaust Cap	622293	N/A	N/A
Upper Roof Exhaust Vent	616319	610mm	133mm
Upper Exhaust and lower Intake Side Vent	631140	249mm	490mm
Upper Side Exhaust Vent	631247	156mm	450mm
Flue Extension kit (Use with 631247 exhaust vent)	637085	N/A	N/A
Independent Flue Kit (use with 631140 exhaust vent or with roof exhaust)	636974	N/A	N/A

2. Install the lower intake vent (See Art02264, Art02265, and Art02266):

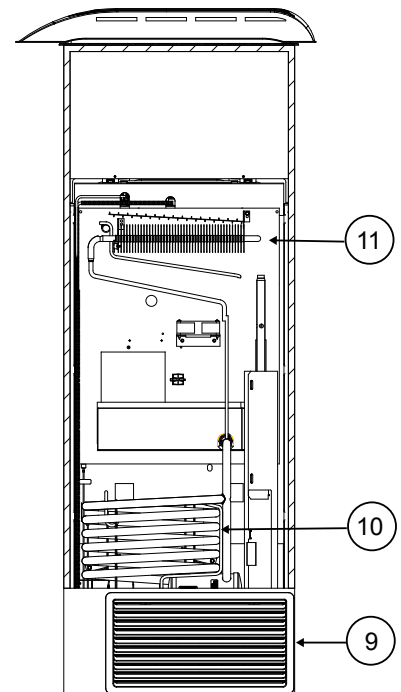
NOTICE

The lower intake vent is also the service access opening for the components on the rear of the refrigerator.

WARNING

Make sure the bottom of the opening of the lower intake vent is even with or immediately below the floor level. This allows any leaking LP gas to escape to the outside and not to collect at floor level.

- Make sure the bottom of the opening of the lower intake vent [9] is even with or immediately below the floor level.
- Align the right edge of the lower intake vent with the right edge of the refrigerator cabinet as viewed from the rear.



Art02266

3. Install the upper exhaust vent:

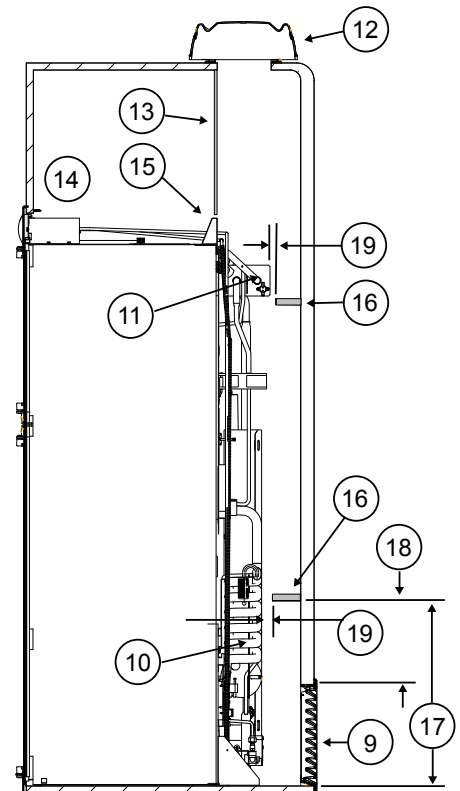


Make sure that no sawdust, insulation, or other construction debris is on the refrigerator or in the enclosure. Debris can cause a combustion hazard and prevent the refrigerator from operating correctly.

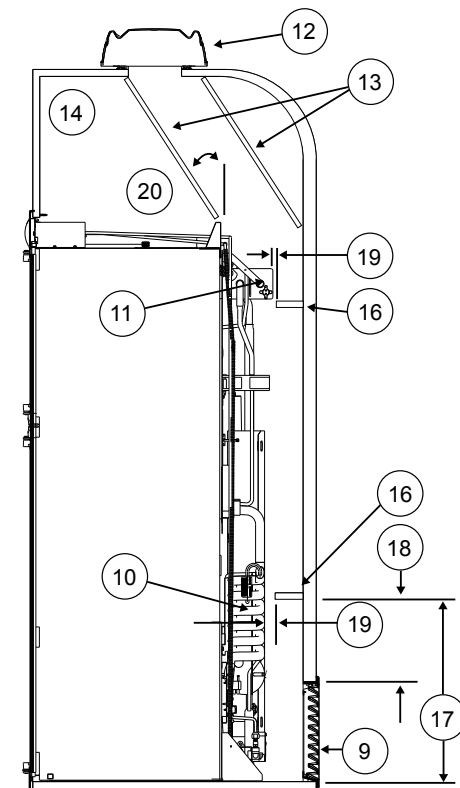
NOTICE

Tighten the screws of the upper roof exhaust cap to 11.5kgf/cm. Also make sure that the air flow around the upper roof exhaust cap is not blocked or decreased by other roof mounted features such as a luggage carrier, an air conditioner, a solar panel, etc.

- If the design of the vehicle allows, install the roof exhaust vent [12] directly above the condenser [11] of the refrigerator (See Art02264).
 - Install a baffle [13] to prevent stagnant hot air in the area [14] above the refrigerator.
 - Make sure there is less than 6mm clearance [15] between the baffle and the top of the refrigerator.
 - Make sure the baffle is the full width of the inside of the enclosure.
- If the design of the vehicle does not allow you to install the roof exhaust vent directly above the condenser [11] of the refrigerator (See Art02265).
 - Align the roof exhaust vent [12] above the condenser [11] of the refrigerator and move it inboard as necessary.
 - Install two baffles [13] to prevent stagnant hot air in the area [14] above the refrigerator.
 - Make sure the baffles are the full width of the inside of the enclosure.
 - Make sure that the baffles are no more than 45° from vertical [20].
 - Put one baffle between the top rear edge of the refrigerator and the inside edge of the upper exhaust vent opening.
 - Put the other baffle between the outside edge of the upper exhaust vent opening and the side wall of the vehicle.
- If the depth of the enclosure is 610mm or more and is less than 635mm, no baffles are necessary at the rear of the enclosure.
- If the depth of the enclosure is 635mm or more and is less than 660mm, add two baffles [16] to the rear of the enclosure (See Art02264 and Art02265).
 - Put one baffle 455mm to 470mm above the bottom of the enclosure [17] (205mm to 220mm above the top of the lower intake vent opening REF) [18].
 - Put the other baffle at the lowest edge of the condenser [11] of the refrigerator.
 - Make sure that the baffles are 25mm or less [19] from the coils [10] and condenser of the refrigerator.
 - Make sure that the baffles are the full width of the inside of the enclosure.



Art02264



Art02265

- If the depth of the enclosure is more than 660mm, install a wood or an aluminum or galvanized sheet solid box baffle [21] in the rear of the enclosure (See Art02267 and Art02268).
- Make sure that the bottom of the solid box baffle is 455mm to 470mm above the bottom of the enclosure [17] (205mm to 220mm above the top of the lower intake vent opening REF) [18] .
- Make sure that the back of the solid box baffle is perpendicular to the bottom of the enclosure.
- Make sure that the back of the solid box baffle is either against the top of the enclosure or against the angled baffle [13] (depending on the vehicle design).
 - Make sure that the solid box baffle is 25mm or less [19] from the coils [10] and condenser [11] of the refrigerator.
 - Make sure that the solid box baffle is the full width of the inside of the enclosure.
- If installing a roof exhaust it is the responsibility of the OEM/ Installer to either ensure the flue enclosure conforms to AS5601 or install an independent flue kit, per instructions in kit.
- If the design of the vehicle does not allow you to install a roof exhaust vent, install an upper side-wall exhaust vent.

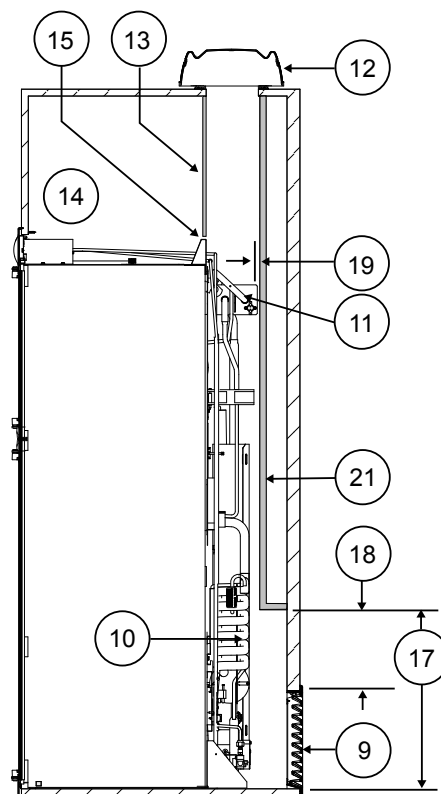
NOTICE

The refrigerator is 602mm to 610mm max. from the rear of the breaker to the rear of the condenser [22] and 1196mm to 1204mm max. from the bottom of the refrigerator to the bottom of the refrigerator condenser [23] (See Art01601).

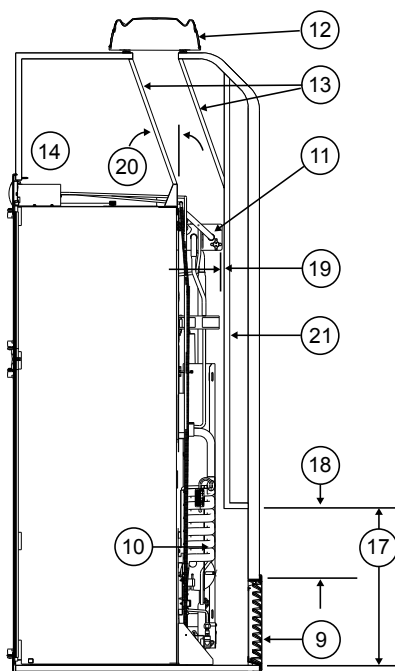


Only use an upper side-wall exhaust vent on refrigerator models that are equipped with a fan. If you use an upper side-wall exhaust vent on a refrigerator model that is not equipped with a fan, the refrigerator cooling performance will be poor.

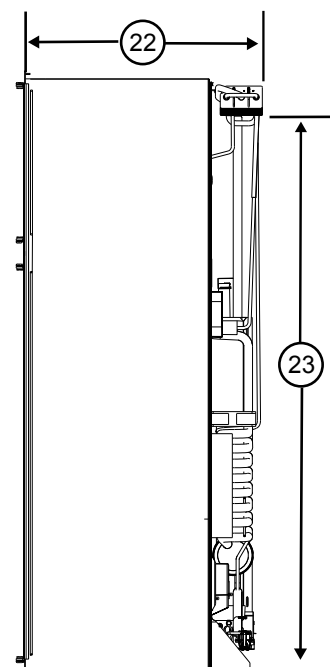
- Make sure the refrigerator model is equipped with a fan.



Art02267



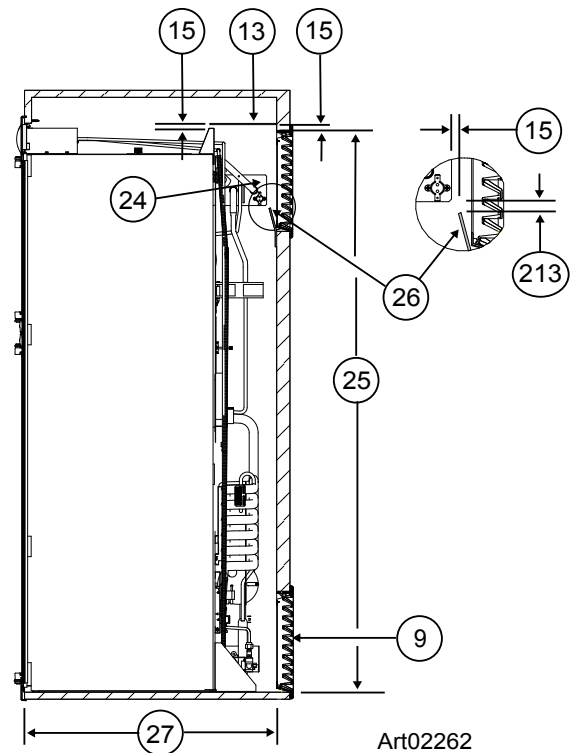
Art02268



Art01601

- Install the upper side-wall exhaust vent [24] (See Art02262 and Art02263).

- Make sure the distance [25] from the bottom of the enclosure to the top of the rough opening for the upper exhaust vent is at least 1400mm.
- Align the upper exhaust vent [24] horizontally above the lower intake vent [9] of the refrigerator.
- To prevent stagnant hot air in the area above the refrigerator, install an aluminum or galvanized steel sheet baffle [13] between the top of the refrigerator and the top of the upper exhaust vent.
 - Make sure there is less than 6mm clearance [15] between the baffle and the top of the refrigerator and that the baffle overlaps the refrigerator 25mm or less.
 - Make sure that the baffle is against the wall of the vehicle at the top of the upper exhaust vent and 6mm or less [15] from the top of the opening for the upper exhaust vent.
 - Make sure the baffle is the full width of the inside of the enclosure.



Art02262

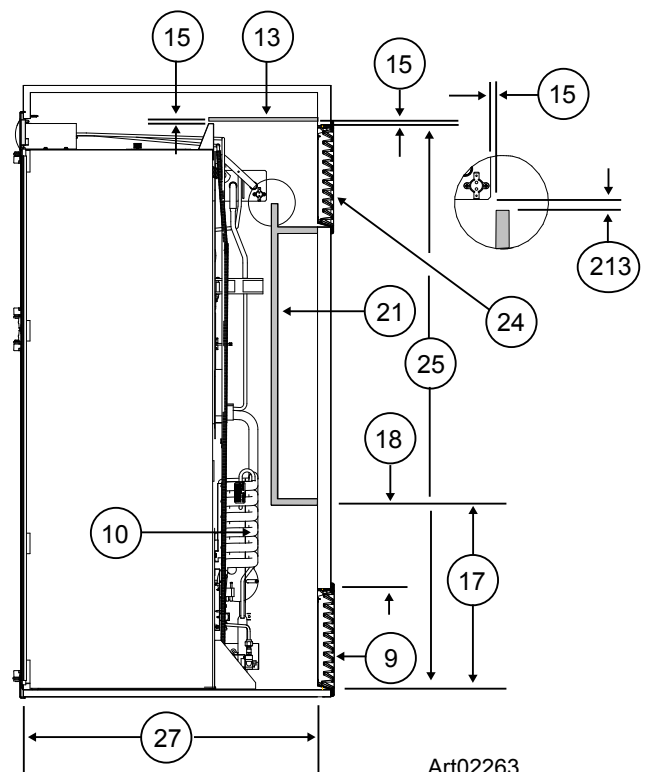
- When using an upper side-wall exhaust vent:

- If the depth of the enclosure is 610mm or more and is less than 660mm [27], install a bent aluminum or galvanized steel sheet baffle [26] to the rear of the enclosure (See Art02262).

- Make sure that the bend of the baffle is the full width of the inside of the enclosure.
- Make sure that the bend of the baffle is flush with the bottom edge of the upper intake vent door frame.
- Make sure that the top edge of the baffle is 6mm [213] below the bottom of the condenser and that there is 6mm or less clearance [15] between the rear of the condenser and the baffle.

- If the depth of the enclosure is more than 660mm [27], install a wood or an aluminum or galvanized steel sheet solid box baffle [21] between the lower intake vent and the upper exhaust vent (See Art02263).

- Make sure that the solid box baffle is the full width of the inside of the enclosure.
- Make sure that the bottom of the solid box baffle is 455mm to 470mm above the bottom of the enclosure [17] (205mm to 220mm above the top of the lower intake vent opening REF) [18] .
- Make sure that the back of the solid box baffle is perpendicular to the bottom of the enclosure.
- Make sure that the horizontal top of the solid box baffle is even with the bottom edge of the upper exhaust vent [24].



Art02263

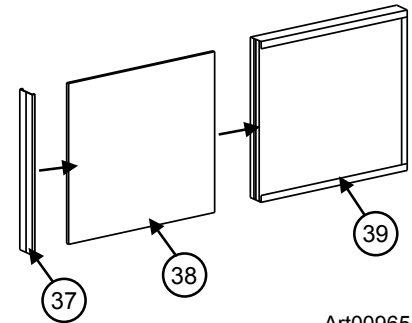
- Make sure that the vertical top edge of the baffle is between 6mm [213] below the condenser and 38mm above the bottom of the condenser.
- Make sure that there is 6mm or less clearance [15] between the rear of the condenser and the baffle.
- Install a flue extension kit per instructions in kit or an independent flue kit per instructions in kit.

Install Decorative Door Panels

NOTICE

The doors are made to accept decorative panels. The decorative panels must be 5mm or less in thickness. Install the decorative door panels in the refrigerator doors before installing the refrigerator in the vehicle.

- Make an upper door panel that is 548mm wide x 369mm high.
- Make a lower door panel that is 548mm wide x 803mm high.
- Pull the panel retainer [37] off each door (See Art00965).
- Push the decorative door panel [38] into the slots of the door [39].
- Push each panel retainer into the slot on the edge of the door.



Install the Refrigerator

Put the refrigerator in position (See Art02510, Art02560, and Art02272):



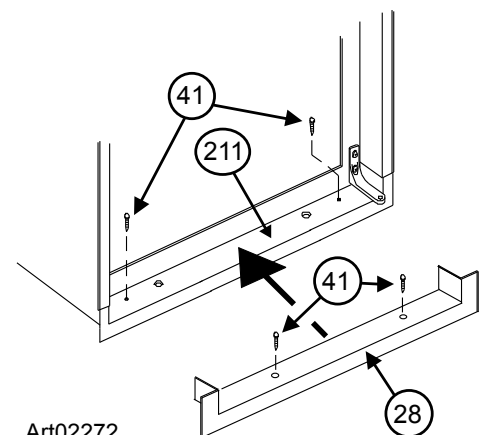
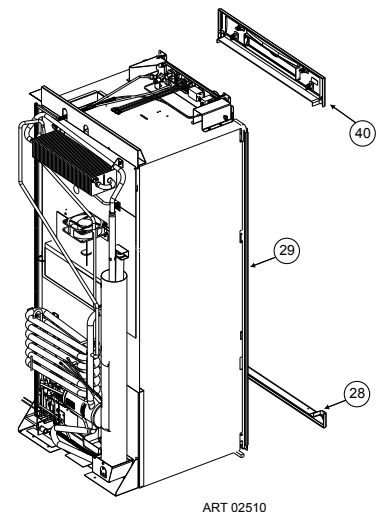
Make sure the combustion seal [29] is not broken, is completely around the refrigerator mounting flanges, and is between the mounting flanges and the wall of the enclosure. If the seal is not complete, exhaust fumes can be present in the living area of the vehicle. The breathing of exhaust fumes can cause dizziness, nausea, or in extreme cases, death.

- Push the refrigerator completely into the enclosure.
- Put screws [41] through the upper mounting flange on the front of the refrigerator and into the enclosure wall.
- Put screws [41] through the lower mounting flange [211] on the front of the refrigerator and into the enclosure floor.

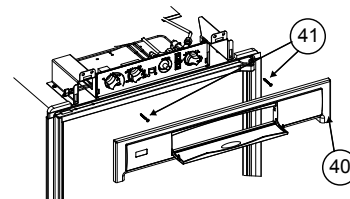


Do not omit the bottom trim piece. This piece is part of the combustion seal.

- Push the bottom trim piece [28] onto the front of the refrigerator.
- Put two screws [41] through the trim piece, the mounting flange, and into the floor.
- Put screws through mounting flange on the rear of the refrigerator and into the floor.



- Install the upper trim piece [40] over the control panel:
- Align the four (4) metal mounting clips on the back of the upper trim piece with the four (4) rectangular slots in the mounting bracket of the refrigerator.
- Push the upper trim piece firmly until all four (4) mounting clips engage the rectangular slots with a "snap" sound.



ART 02511

Reverse the Door Swing (Optional)

This refrigerator has cabinet hinges that allow you to change the direction the door opens by moving the hinges on a diagonal to the opposite side.

1. Remove the doors (See Art02269):

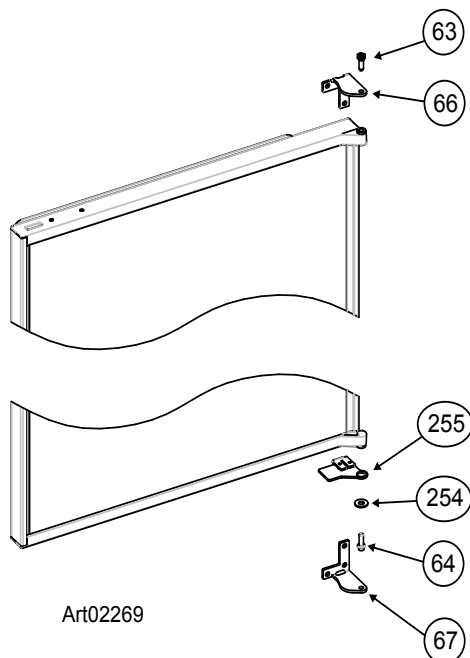
- Remove the storage bins from the doors.

NOTICE Do not mix the upper and lower hinge pins because they are different.

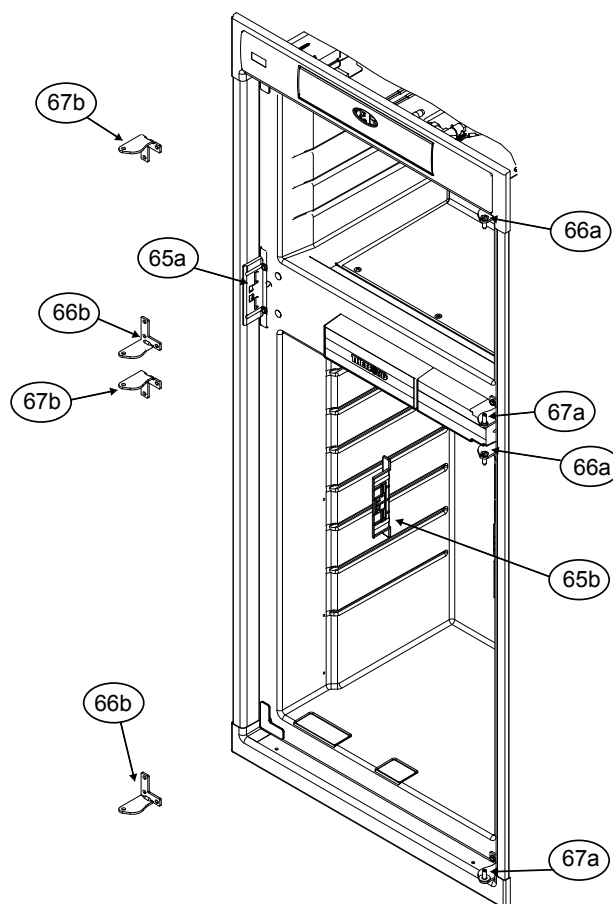
- Remove and save the upper hinge pin [63] from each door.
- Pull the door latch and remove each door from the refrigerator.
- Remove and save the lower hinge pin [64] from each hinge.
- Remove the washer [254] and the RH lower hinge support [255] from the lower door.

2. Change the position of the cabinet hinges and the strike plate (See Art02512):

- Remove and save the screws from the strike plate [65a].

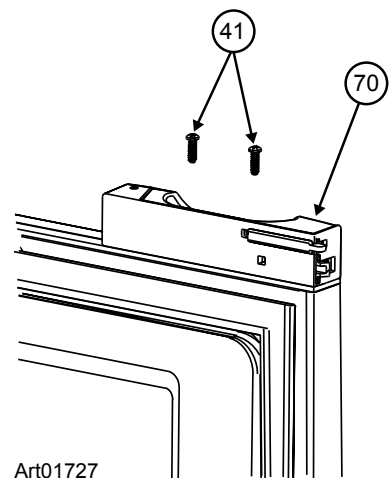
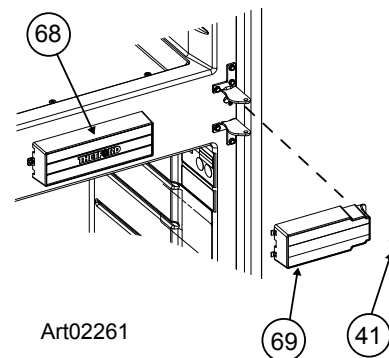


Art02269



ART 02512

- Remove the two plastic hole caps that are near the strike plate.
- Remove the L-shaped plastic covers that are opposite the hinges.
- Remove and save the screws from the upper cabinet hinge [66a] of each door.
- Put each of these hinges on the other side of the refrigerator as the lower hinge [66b].
- Attach each of these hinges with screws.
- Remove and save the screws from the lower cabinet hinge [67a] of each door.
- Put each of these hinges on the other side of the refrigerator as the upper hinge [67b].
- Attach each of these hinges with screws.
- Remove and save the screw [41] from the front box [68] (See Art02261).
- Pull the front box away from the refrigerator and out from under the logo box [69].
- Reverse the front box and put it on the opposite side of the logo box.
- Attach the front box to the refrigerator with the screw.
- Put the strike plate on the opposite side of the refrigerator [65b].
- Put the two round plastic caps into the holes that are near the strike plate.
- Put the L-shaped plastic covers over the holes that were used by the hinges.



3. Change the position of the door handles (See Art01727):

- Remove the screws [41] and door handle [70] from each door.
- Reverse each door handle and put the lower door handle on the upper door and the upper door handle on the lower door.
- Attach each door handle with the screws.

4. Reinstall the doors (See Art02273):

- Turn each of the lower hinge pins [64] into the lower cabinet hinges.

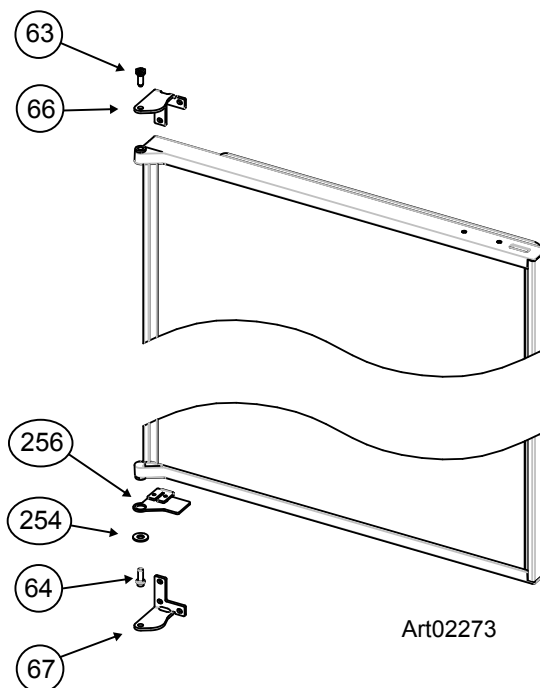
NOTICE

To prevent damage to the threads of the hinge pins, turn the hinge pins by hand until tight and then tighten with a screwdriver.



Apply Loctite removable thread locker (blue) to the threads of the hinge screws before assembly to prevent loosening during use. Do not allow Loctite to contact any of the plastic surfaces of the refrigerator because it can damage those surfaces.

- Put the washer onto the lower hinge pin of the lower door only
- Put the LH lower hinge support [256] onto the lower hinge of the lower door only.
- Put each door down onto the lower hinge pin.
- Align the holes in the upper hinges and hold in this position.
- Turn the upper hinge pin into the hinges of each door.
- Tighten the hinge pins.
- Put the storage bins in the doors.



Connect the Electrical Components

The current draws are nominal values.

AC Operation		240 VAC (216 VAC min. - 264 VAC max.)
Current Draw:	AC heater	1.25 A at 240 VAC
DC Operation		12 VDC (11.5 VDC min. - 15.4 VDC max.)
Current Draw:	DC Heater	17.14 A at 12 VDC
	DC Heater Relay	0.150 A at 12 VDC
	Moisture Reduction heater	0.258 A at 12 VDC
	Cooling System Ventilation Fan	0.430 A at 12 VDC

This refrigerator operates on both AC and DC electrical sources. Operation out of these limits may damage the refrigerator's electrical circuit parts and will void the warranty.



The rear of the refrigerator cooling system has hot surfaces and sharp surfaces that can damage electrical wiring. Make sure that there is a good clearance between all electrical wiring and the cooling system of the refrigerator. Position any electrical wiring within the refrigerator enclosure opposite the burner side of the refrigerator. Do not put any electrical wiring through the roof exhaust vent. Failure to correctly position electrical wiring can result in electrical shock or fire.

Connect the 240 volt AC supply:



Connect the AC power cord only to a grounded three-prong power point. Do not remove the earth pin from the power cord. Do not use a two-prong adapter or an extension cord. Operation of the refrigerator without correct ground can cause dangerous electrical shock or death if you are touching the metal parts of the refrigerator.

Put the AC power cord into a grounded three-prong power point:

- Make sure the power point is 100-150 mm above the floor of the enclosure and is positioned within easy reach of the lower intake vent.
- Make sure the power cord does not touch the burner cover, the flue pipe, or any hot component that could damage the insulation of the power cord.

Connect the 12 volt DC supply:

As the distance from the vehicle battery to the refrigerator increases, the correct wire size and fuse size also increases. If the wire size is too small for the distance, a voltage drop occurs. The voltage drop decreases the output of the system heater and causes poor cooling performance.

1. Determine the min. wire size and the max. fuse size to use:



If you use an incorrect wire size and/or fuse size, electrical fire can result.

- Measure the distance from the vehicle battery to the refrigerator and use the following size wire and fuse:

Distance	Min wire size	Fuse size
5 m	4 mm ²	30 Amp
8 m	6 mm ²	40 Amp

- If the wire is larger than the min. size, use the correct fuse per local codes.

The wire connections must be clean, tight and free of corrosion. If any of these items are not correct:

- A voltage drop to the refrigerator will occur.
- The voltage drop will reduce the cooling performance of the refrigerator.

The terminals for connecting the DC power supply are marked positive (+) and negative (-). Make sure that:

- Each DC power supply wire is attached to the correct polarity terminal.
- The chassis or the vehicle frame is not used as one of the conductors.
- The DC power supply wires including the fuses are routed directly from the battery to the refrigerator.

2. Connect the D.C. power supply wires:

- Attach a fully insulated 6.35 mm Quick Connect terminal to each DC power supply wire.
- Push the positive (+) DC power wire onto the terminal block tab with the 12V (+) mark.
- Push the negative (-) DC power wire onto the terminal block tab with the 12V (-) mark.
- Make sure each DC power supply wire is on the correct polarity terminal.

Connect the LP Gas Components

This refrigerator operates on LP gas at a pressure of 2.7 kPa LP gas. The refrigerator LP gas usage is 1.5 MJ/h.

Connect the LP gas supply system:



Be very careful when working on or near the LP gas system.

- Do not smoke or use an open flame near the LP gas system.
- Do not use an open flame to examine for leaks.
- Do not connect the refrigerator to the LP gas tank without a pressure regulator between them.
- To avoid a LP gas leak, always use two wrenches to tighten or loosen the LP gas supply line connections.
- Leaking LP gas can ignite or explode and result in dangerous personal injury or death.

Connect the LP gas supply line to the refrigerator:

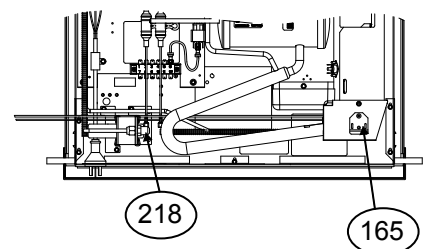
- Make sure all tubing and fittings obey all local, state, and national codes about size and type.
- Use of 3/8 inch copper tubing as the LP gas supply line and a 3/8 inch SAE (UNF 5/8-18) female flare fitting as the connection to the refrigerator.
- Put the LP gas supply line up through the floor of the enclosure.
- Make sure the hole through the floor is large enough to allow clearance for the LP gas supply line.
- Put a weather resistant seal (grommet, sealant, etc.) around the LP gas supply line where it goes through the floor to prevent vibration and abrasion.
- To prevent vibration and abrasion, make sure that the LP gas supply line is not against anything in the enclosure.
- Attach the LP gas supply line to the 3/8 inch male flare fitting [218] of the refrigerator.
(See Art02513)

Examine the LP gas supply system for leaks:



Do not allow the leak detecting solution to touch the electrical components. Many liquids are electrically conductive and can cause a shock hazard, electrical shorts, and in some cases, fire.

Use a leak detecting solution to examine the LP gas supply line and all LP gas connections for leaks.



ART 02513

If you use compressed air for the test:

- The pressure at the 3/8 inch male flare fitting of the refrigerator must not be more than 3.5 kPa.
- If the air pressure is more than 3.5 kPa, remove the gas supply line from the 3/8 inch male flare fitting before the test.
- If the air pressure is equal to or less than 3.5 kPa, turn the gas control to the OFF (🔌) position before the test.

Operation Check

The installer must make sure that the refrigerator is operating correctly before leaving. To determine if the refrigerator is operating correctly, refer to the "Operating the Refrigerator Controls" section of the Owner's Manual.

Troubleshooting Refrigerator Problems

Problem	Corrective Action
The refrigerator does not operate on AC.	Check: <ul style="list-style-type: none">- That the refrigerator is plugged in.- That the AC thermostat is not in the OFF (🔌) position.- That the AC thermostat is turned to the desired temperature setting.- That the selector switch is in the AC position.
The refrigerator does not operate on LP gas.	Check: <ul style="list-style-type: none">- That the LP gas supply line is purged.- That the LP gas tank(s) is not empty.- That the valve of the LP gas tank(s) is open.- That the LP gas is at the correct pressure.- That the gas control is not in the OFF (🔌) position.- That the selector switch is in the LP gas position.
The refrigerator does not operate on DC.	Check: <ul style="list-style-type: none">- That the battery charging equipment of the vehicle is operational.- That the AC/DC converter is operational (if applicable).- That the DC connection to the refrigerator is tight.- That the selector switch is in the DC position.- See your dealer or authorized Thetford Service Center.
The refrigerator does not cool correctly on AC, DC, or LP gas.	Check: <ul style="list-style-type: none">- That the refrigerator vents are unobstructed and remove any obstructions.- That the vehicle is level within 3° from side-to-side and 6° from front-to-back.
Excessive frost collects in the freezer or on the fins in the refrigerator compartment.	Check: <ul style="list-style-type: none">- That all food storage containers in the refrigerator are sealed.- That you open the refrigerator door only when necessary.- That the door gasket seals correctly.- That the refrigerator and freezer are defrosted.

If you are unable to correct your refrigerator problem after using this guide, see your dealer or an authorized Thetford Service Center.

