



Living Quarters

OWNER'S MANUAL

Thank You for Choosing Featherlite!



Thank You...
From the President and CEO of Featherlite, Inc.

Dear Customer,

I want to be among the first to thank you for purchasing a Featherlite Trailer.

You are now part of tens of thousands in North America who enjoy Featherlite Trailers for their premium grade construction, innovative features and custom interiors. Featherlite builds over 400 different standard and custom-designed aluminum specialty trailers, transporters and luxury motorcoaches. For each and every one, customer satisfaction is our passion and safety is our top priority.

At Featherlite, we know the most important thing that goes into each and every trailer is what you, our customer, put in it. That is why the features of all Featherlite trailers are engineered with the customer and the cargo in mind.

On behalf of our dedicated dealers and employees throughout North America and all of us at Featherlite, let me say that we are here for you. Let us know how we can be of service now and in the future.

Thanks again and best wishes,

Conrad Clement
President and CEO

P. S. Keep current on Featherlite's innovative new trailers at www.fthr.com

Trailer Model Number	
Trailer VIN Number	
Date Of Manufacture	
Delivery Date	
Dealer Name	
Dealer Address	
Dealer Phone Number	
Featherlite Phone Number	1-800-800-1230 8:00-5:00 CST Monday - Friday
Featherlite Web Site	http://www.fthr.com

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Featherlite, Inc.
P.O. Box 320
Cresco, IA 52136

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INTRODUCTION

Thank you for purchasing a Featherlite trailer. Your Featherlite trailer has been carefully engineered to meet your specific needs.

This manual covers the living space in your trailer. A separate manual covers the basic trailer operation. This manual was prepared to provide you with the information to properly operate and maintain the items that pertain to the living space in your trailer.

Read this manual before using your trailer, and follow all of the safety precautions and instructions. One manual cannot cover the trailer and all of the accessories installed in your trailer. Refer to the Trailer Owners Manual, this manual and the Operator's Manual for each accessory installed in your trailer for operational and safety issues.

Please keep this and all other manuals inside your trailer at all times.

Driving Characteristics

A trailer with living quarters is heavier than one without living quarters. A heavier trailer requires more time to stop, more distance to accelerate, and turning must be done at slower speeds.

Customer Service


If you need additional information or assistance with your Featherlite trailer, contact your Featherlite dealer.

For trailer service while traveling, you may take your trailer to any Featherlite dealer. To locate your nearest dealer, call 1-800-800-1230 between the hours of 8:00 - 5:00 CST or go to <http://www.fthr.com>

SAFETY

Safety Symbols And Signal Words

Our trailers are built with components produced by various manufacturers. Some of these items have separate instruction manuals. This manual may indicate for you to read another manual. If you do not have the manual for an item, contact Featherlite at 1-800-800-1230 or your Featherlite dealer for a copy.

The safety information in this manual is denoted by the following safety alert symbol: 

The following signal words are used to indicate the level of risk:

DANGER

Immediate hazards which **WILL** result in death or serious injury if the warning is ignored.

WARNING

Hazards or unsafe practices which **COULD** result in death or serious injury if the warning is ignored.

CAUTION

Hazards or unsafe practices which could result in minor or moderate injury if the warning is ignored.

CAUTION

Hazards which could result in equipment or property damage.

Hazards From Accessories

This manual contains information on accessories that may or may not be installed in your trailer.

You must read the instruction manual for each of the accessories before operating them. You must follow all of the instructions and warnings in those manuals, and in this manual.

The primary hazards from operation of accessories are:

- Death by carbon monoxide poisoning from operation of:
 - Gasoline or diesel generator.
 - Liquefied-Petroleum (LP) gas appliances.
- Fire or explosion from accumulated, unburned LP gas.
- Electrocution or fire from generator or shore power.
- Crushing from the slideout.

Carbon Monoxide (CO) Hazard

Carbon monoxide can come from operation of fuel burning appliances such as a generator, water heater, furnace, cook top and oven. Never operate any of these appliances while the trailer is in an enclosed building or confined area.

Carbon monoxide is a colorless, tasteless, odorless gas that can cause brain damage or death.

Symptoms of carbon monoxide poisoning are:

- Headache
- Drowsiness
- Nausea
- Vomiting
- Shortness of breath
- Unconsciousness

If any of these symptoms exist, remove the victim immediately to fresh air and get medical attention.

Never operate a portable grill, portable stove, portable heater or portable gas lantern inside the trailer. Deadly carbon monoxide is produced by these appliances.

Never use a cooking appliance to provide comfort heating.

SAFETY

DANGER

You can die or be brain damaged by carbon monoxide.

Do not operate gas appliances or generator while the trailer is in an enclosed building or confined area.

Test the carbon monoxide detector for operation before operating any gas appliances or generator.

Test the carbon monoxide detector after periods of storage, before each trip, or before operating any gas burning appliance. Replace the battery at least once per year.

A blocked appliance vent can cause a fire or result in carbon monoxide entering into the trailer. Check the following appliance vents for debris after periods of storage and before each use:

- Furnace
- Water Heater
- Exhaust Hood

WARNING

Risk of carbon monoxide poisoning or fire.

The fumes from burning gas contain carbon monoxide, an odorless gas that can cause death or brain damage.

Cooking appliances used for comfort heating can ignite surrounding surfaces.

It is not safe to use cooking appliances for comfort heating.

Turn the exhaust hood **ON before** lighting the cook top burners or oven to vent the fumes and cooking odors to the outside.

Never operate any gas burning appliances while the trailer is in an enclosed building or confined area. A confined area will not allow proper ventilation and the carbon monoxide fumes can enter the trailer.

Conditions that can redirect carbon monoxide fumes are for example:

- Being drawn in by fans or ventilators operated in a trailer;
- Prevailing wind;
- Being trapped between adjacent trailers, vehicles, buildings; or
- Being trapped between or in a snow bank or other materials that can redirect fumes.

You must have a working carbon monoxide detector inside the living space of your trailer.

SAFETY

Liquefied-Petroleum (LP) Gas Hazard

Your trailer may be equipped with the following appliances that operate on LP gas:

- Cook top
- Oven
- Water heater
- Refrigerator
- Furnace

Keep the LP gas cylinder supply valves closed at all times, except when using a gas appliance.

The LP gas system in your trailer is designed to operate on LP gas only, NOT natural gas. A natural gas supply is not safe for use in an LP gas system due to the difference in the gas pressure, which will result in an uncontrollable flame.

⚠ WARNING

Risk of explosion or fire.

- **Connect the LP gas system to a supply of LP gas only, NOT natural gas.**
- **Do not place an LP gas cylinder (empty or full) inside the trailer.**
- **Have the LP gas cylinder refilled by a qualified LP gas supplier.**

Check to be sure all LP gas appliances are off before opening the LP gas cylinder supply valves. If an appliance is left on, gas could accumulate in the trailer creating a fire or explosion hazard.

⚠ WARNING

Risk of explosion.

Gas can accumulate in the trailer if an appliance control is left on, and the gas supply valve is opened.

Verify that all appliance controls are off before opening gas supply valve.

⚠ WARNING

Risk of explosion or fire.

If LP gas is detected (by smell or by the LP gas detector):

- **Do not touch electrical switches.**
- **Extinguish flames and pilot lights.**
- **Shut off LP gas supply at the LP cylinders.**
- **Leave the area until odor clears.**

Have a qualified LP gas technician correct the source of LP gas leakage before using LP appliances.

Do not use a flame to locate the source of an LP gas leak.

Do not attempt to fill the LP gas cylinders yourself. Have the cylinders filled by an qualified LP gas supplier.

Turn off all gas appliances and pilot lights before refueling LP gas cylinders, gasoline or diesel fuel tanks or when towing trailer. Some automatic ignition appliances may continue to spark even after the gas is turned off at the supply valve.

⚠ WARNING

Risk of explosion or fire.

Automatic ignition appliances may continue to spark after the gas supply valves are turned off, which can ignite gas fumes.

Turn off all gas appliances and pilot lights when refueling gasoline or diesel tanks, LP gas tanks or when towing trailer.

SAFETY

LP Gas Appliance Hazards

Cook Top and Oven

WARNING

Risk of fire.

Cooking appliances used for comfort heating can ignite surrounding surfaces.

It is not safe to use cooking appliances for comfort heating.

WARNING

Risk of explosion or fire.

- Light one burner at a time.
- If any burner goes out after lighting, turn off all burners and wait five minutes before relighting.
- Turn controls off when not in use and while refueling.
- Do not store or use flammable vapors or liquids near this or any other appliance.

Furnace, Water Heater and Refrigerator

WARNING

Risk of explosion or fire.

- Do not store or use flammable vapors or liquids near any appliance.
- If water heater overheats, turn off LP gas cylinder supply valves.
- Turn off all gas appliances and pilot lights when refueling gasoline or diesel tanks, LP gas cylinders or when towing trailer.

Electrical Hazards

Your trailer is equipped with a 120 or 240 volt electrical system. The electricity for this system can be provided by the shore power cord or a generator.

Shore power and a generator pose a risk of death due to electrocution or fire.

Replace fuses and circuit breakers with the correct rating.

Generator

If your trailer is equipped with a generator, you must have and follow the generator manufacturers instructions.

WARNING

Operating a gasoline or diesel generator can lead to death or serious injury by:

- Carbon Monoxide
- Fire and Explosion
- Electrocution

Have a working carbon monoxide detector in the living space of the trailer before operating the generator.

Do not refuel a running generator or refuel near ignition sources.

The generator can be started from a remote switch.

SAFETY

Shore Power

WARNING

Shore power poses a risk of death due to electrocution or fire.

- Always use the cord that was supplied with the trailer when manufactured, or a Featherlite approved replacement. Never use an extension cord.
- Always connect the electrical cord to a grounded source of shore power.
- Never remove prongs from the shore power plug.
- Connect only to source of proper voltage.

Slideout

WARNING

Risk of crushing.

People can be crushed by the extending or retracting slideout.

The pinch areas around the outside perimeter can crush and sever limbs.

Keep people away from the inside and outside of slideout while extending.

Mechanical Hazards

Roof Antenna

WARNING

Risk of electrocution.

Antenna contacting power lines can cause electrocution.

Be sure there are no overhead power lines over or near the trailer before raising antenna.

SAFETY

Safety Warning Labels On Your Trailer

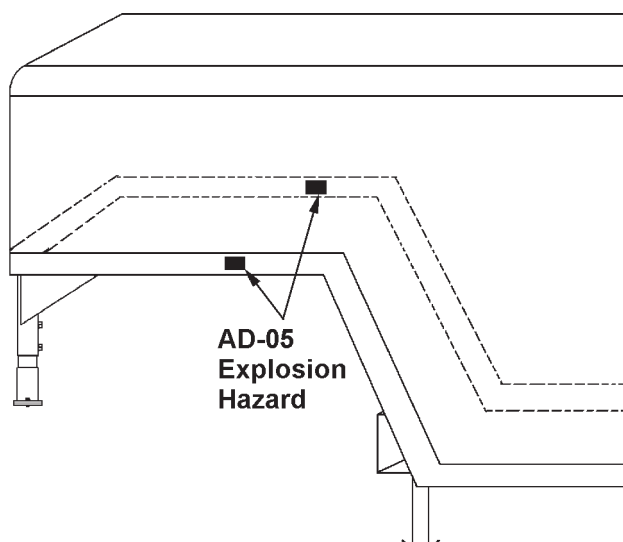
⚠ WARNING

To protect you and others against death or serious injury, all of the labels shown must be on the trailer and must be legible.

If any of these labels are missing or cannot be read, Call Featherlite, Inc. at 1-800-800-1230 for replacement labels.

You must provide the part number shown for correct replacement.

Refueling Warning Labels



Cook Top Warning Label

Located on a gas cook top cover.



Located on all cook top covers



SAFETY

LP Gas Warning Labels

Located on the inside of the cabinet, under the sink.



Located under the gooseneck, on the drop wall.



Water System Warning Label

Located on the side of the trailer above the water tank fill spout.



Water Heater Warning Label

Located on the outside of the trailer, on the inside of the water heater cover.



SAFETY ALARMS AND FIRE EXTINGUISHER

Overview

Your trailer is equipped with a:

- Carbon monoxide detector
- LP gas leak detector
- Smoke detector
- Fire extinguisher.

Test each of the detectors, and verify the fire extinguisher is functional after periods of storage, before each trip, or at least once per week.

Carbon Monoxide Detector

⚠ DANGER
Risk of death from carbon monoxide.
Do not operate any gas appliance unless the carbon monoxide detector is working.
Test the carbon monoxide detector: <ul style="list-style-type: none">• After periods of storage;• Before each trip;• At least once per week.
Replace the battery at least once every year.

Press the test button (1) until alarm sounds, then release. If alarm does not sound, replace the batteries and retest. If the detector still does not work, replace it before using any gas appliance.

Refer to the Owner's Manual provided with your carbon monoxide detector for additional safety, operating and maintenance information.



LP Gas Detector

⚠ WARNING
Risk of explosion or fire.
Do not open the LP gas supply valves unless the LP gas detector is working.
Test the LP gas detector: <ul style="list-style-type: none">• After periods of storage;• Before each trip;• At least once per week.

The LP Gas Detector operates off of the trailer 12 volt battery.

Press the test button (1) until alarm sounds, then release button. The detector will sound alarm three times.

The LED will flash red, and then return to normal operation, which is a green light that flashes every eight seconds.

Refer to the Owner's Manual provided for your LP gas detector for additional safety, operating and maintenance information.



SAFETY ALARMS AND FIRE EXTINGUISHER

Smoke Detector

⚠ WARNING

Risk of death from smoke inhalation or fire.

Do not use the living space of the trailer unless the smoke detector is working.

Test the smoke detector:

- **After periods of storage;**
- **Before each trip;**
- **At least once per week.**

Replace the battery at least once every year.

Press the test button until alarm sounds, then release. If alarm does not sound, replace the batteries and retest. If the detector still does not work, replace it before using the trailer.

Refer to the Owner's Manual provided for your smoke detector for additional safety, operating and maintenance information.



Fire Extinguisher

Press the white indicator on the top of the fire extinguisher down to test. If the indicator springs back up, the fire extinguisher is functional. If the indicator stays down, the fire extinguisher must be replaced.

Refer to the Owner's Manual provided for your fire extinguisher (1) for recommended replacement, recharging information, safety, operating and maintenance information.



PLUMBING SYSTEM

CAUTION

Risk of equipment damage.

Appliances and plumbing can be damaged by temperatures below 32° F.

Drain water system and winterize if trailer will be subjected to temperatures below 32° F.

See “Storage and Winterizing” on page 58.

Some trailers have been designed and built for use in temperatures below 32° F. Contact your Featherlite dealer and give them your trailer serial number to verify if your trailer plumbing system can be used in temperatures below 32° F.

Potable Water Supply

Your trailer is equipped with a potable water system. It provides fresh water to the kitchen, lavatory, toilet and shower. Water is supplied by either the potable water storage tank in the trailer, or by an external water source.

External Water Supply

Any pressurized external water supply connected to the water system bypasses the demand pump and potable water storage tank, supplying water directly to all faucets and toilet. There is a check valve on the demand pump that prevents the external water supply from filling the potable water storage tank.

The external water connection has a regulator that allows the system to be connected to a high pressure water supply. The regulator keeps the water pressure in the trailer at 30 psi.

Connect To External Water Supply

1. Turn the demand pump switch off.

Note: Always make sure you are connecting to an approved potable water source, or a source you know is safe.

2. Attach a potable water hose to the connection (1) on the side of the trailer



Disconnect External Water Supply

1. Turn off the external water supply.
2. Open a faucet inside the trailer to relieve pressure in the water lines.
3. Disconnect water hose and install cover on connection.

Disinfection/Sanitation

Disinfect the potable water tank before use. Disinfection is required immediately after periods of storage and every six months. Following are a list of instructions on how to properly sanitize the potable water tank.

1. Prepare a chlorine solution using 1 gallon of water and 1/3 cup household bleach (sodium hypochlorite solution). Prepare 1 gallon of chlorine solution for every 15 gallons of tank capacity. This will result in a residual chlorine concentration of 50 parts per million (ppm) in the water system.

PLUMBING SYSTEM

2. With tank empty, pour chlorine solution into the tank. Complete filling of tank with fresh water. Open each faucet and run the water until a distinct odor of chlorine can be detected in the water discharge. Turn off faucet as soon as chlorine is smelled.

3. Allow the system to stand at least 4 hours when disinfecting with 50 ppm residual chlorine. Disinfection will not occur if the 50 ppm solution is removed before the 4 hour time period.

If a shorter time period is desired, use a 100 ppm chlorine concentration in the system for at least one hour. Disinfection will not occur if the 100 ppm solution is removed before the 1 hour time period.

To mix a 100 ppm concentration, use 1/2 cup of household bleach with 1 gallon of water to prepare the chlorine solution.

4. Drain water tank at a recreational vehicle waste dumping facility and flush tank with fresh potable water.

Fill Potable Water Tank

Note: Always make sure you are filling the potable water storage tank from an approved potable water source, or a source you know is safe.

To fill the potable storage tank, open the cap on the potable tank connector (1) and insert an approved potable water hose. The tank has built in overflow valves and vents to prevent air from being locked inside.



The display, located on the exhaust hood over the cook top, indicates the water level in the fresh water tank, waste tanks and 12 volt battery level. Press and hold the top of the "Monitor" switch on the exhaust hood to activate the display. To get an accurate battery level reading, the trailer must be disconnected from shore power, or the power converter and all 12 volt loads turned off.



Demand Pump

When you are using the self-contained potable water storage tank, the pressure is supplied by a demand pump. The pump is fully automatic and will run when a faucet is opened or the toilet is flushed after initial priming. To control power to the pump, there is a switch (1) located on the exhaust hood over the cook top. The pump will operate only if this switch is on.



PLUMBING SYSTEM

CAUTION

Risk of water heater damage.

The heating element in the water heater will be damaged if the on/off switch is turned on without water in the water heater tank.

Prime the water system BEFORE turning the water heater switch "ON".

Open hot water faucet to be sure there is water in the tank, and that the demand pump or external water supply is on.

When the water system is not in use, or when you will be leaving the trailer for an extended period of time, move the demand pump switch to the "OFF" position. If there is a slow leak or a faucet is left partially open, the pump could drain the entire tank and discharge the auxiliary battery.

Priming the Water System

Using The Potable Water Storage Tank

1. Make sure that all water drain valves are closed, including the water heater.
2. Make sure the demand pump switch is in the "OFF" position and the water tank is full.
3. Open all faucets, hot and cold.
4. Turn the demand pump on.
5. Close each faucet as it begins to run a steady stream of water.
Turn the hot water faucet off last to ensure that the water heater tank is filled.
6. After all faucets are primed and shut, check the demand pump to ensure that it has stopped. If the pump continues to run, check for an open faucet or leaks.
7. The water system is now ready for automatic operation. The pump will start automatically when a faucet is opened or the toilet is flushed.

Using An External Water Supply

1. Make sure that all water drain valves are closed, including the water heater.
2. Make sure the demand pump switch is in the "OFF" position and the external water supply hose is connected.
3. Open all faucets, hot and cold.
4. Turn the water supply on.
5. Close each faucet as it begins to run a steady stream of water.
Turn the hot water faucet off last to ensure that the water heater tank is filled.
6. The water system is now ready for use.

Toilet

Use the lever (usually foot operated) to add water to the toilet until the desired water level is reached. More water is generally needed to flush solids.

Use the lever (usually foot operated) to flush toilet, push down on the flush lever until contents leave the bowl. This may require holding the flush lever down for several seconds.

Release the flush lever by allowing it to snap back. This will ensure a positive seal. A small amount of water will remain in the bowl.

It is recommended that SeaLand® tissue be used to prevent clogging in the waste system. Regular tissue will clog the toilet and drains. A map and distributor information on where to purchase SeaLand® tissue is located on page 19.

PLUMBING SYSTEM

Drain Waste Tanks

CAUTION
Drain waste tank only at a recreational vehicle waste dumping facility.

1. Remove drain hose from the holding tube (usually located under the trailer gooseneck).
2. Remove cap (1) and connect drain hose to connector located under the trailer.
3. Pull out on large drain line handle (2) first to drain sewage (black) tank. Only open one valve at a time. Push in to close after draining.
4. Pull out on small drain line handle (3) to drain waste water (gray) tank. Draining this tank last will flush out the drain hose. Push in to close valve after draining.



5. Remove drain hose, rinse and place in storage tube.
6. Install cap (1).

PLUMBING SYSTEM

SeaLand® Distributor Locator Map



1 Northeast Marine Sanitation
69 Florida Street
Farmingdale, NY 11735
Phone: 800/352-4323
Fax: 888/283-7606
E-mail:
northeast@northeast sanitation.com
**CT, DE, DC, MA, MD, ME, NH, NJ, NY,
PA, RI, VA, VT, WV**

2 Environmental Marine Service
111 SW 23rd Street, Suite A
Ft Lauderdale FL 33315
Phone: 800/522-2656
Fax: 954/522-5152
E-mail:
info@environmentalmarine.com
AL, FL, GA, NC, PR, SC, TN, VI

3 Midwest Marine Supply
24300 Jefferson Avenue
St. Clair Shores, MI 48080-1397
Phone: 800/860-1540
Fax: 586/778-6108
Email: mikekennedy@voyager.net
IL, IN, KY, MI, OH

4 PowerHouse Marine
518 Logan
La Crosse, WI 54603
Phone: 888/752-4539
Fax: 608/784-8422
E-mail: tuckski@rconnect.com
IA, MN, ND, NE, SD, WI

5 AER Supply
P. O. Box 349
2301 Nasa Road # 1
Seabrook, TX 77586-0349
Phone: 800/767-7606
Fax: 281/474-2714
E-mail: rsmiller@aersupply.com
AR, KS, LA, MO, MS, NM, OK, TX

6 Ardemco Marine Specialties
778 West 17th Street
Costa Mesa, CA 92627
Phone: 800/253-0115
Fax: 949/642-9582
E-mail: ardemco@earthlink.net
AZ, CO, NV, UT, CA South

7 Fox Marine
2250 Zanker Road, Unit D
San Jose CA 95131
Phone: 800/826-2873
Fax: 562/983-6766
E-mail: foxmarco@pacbell.net
CA – North

8 Marine Sanitation, Inc.
1900 N Northlake Way, Suite 121
Seattle, WA 98103-9051
Phone: 800/624-9111
Fax: 206/633-0317
E-mail: marinesan@mindspring.com
AK, ID, MT, OR, WA, WY

9 Eastern Marine Systems, Inc.
12-A Leslie Street
Toronto, ON M4M 3H7 Canada
Phone: 888/764-1111
Fax: 416/465-2098
E-mail: info@eastmar.com
Canada – East

10 Western Marine Company
1494 Powell Street
Vancouver, BC V5L 5B5 Canada
Phone: 800/663-0600
Fax: 800/663-6790
E-mail: sales@westernmarine.com
Canada – West

LIQUEFIED-PETROLEUM (LP) GAS SYSTEM

Overview

The LP gas system installed in your trailer can operate appliances such as an oven, cook top, refrigerator, water heater and furnace.

The fumes from burning LP gas contain carbon monoxide, an odorless and colorless gas that can cause death or brain damage.

Do not operate any gas appliance unless the carbon monoxide detector is working.

The exhaust hood must be turned on while using the gas cook top and oven.

NEVER use the cook top or oven for comfort heating.

NEVER operate a portable grill, portable stove, portable heater or portable gas lantern inside the trailer.

NEVER leave gas appliances on while the trailer is being towed.

Unburned LP gas can create an explosive mixture, where a spark or open flame can set off a deadly explosion. To prevent the accumulation of unburned LP gas, you must:

- Turn appliances off when not in use.
- Turn LP gas cylinder supply valves off when the trailer is not being used.
- Turn all appliances off before opening LP gas cylinder supply valves.
- Have a working LP gas detector.

WARNING

Risk of explosion or fire.

LP Gas cylinders can discharging gas to the atmosphere as the air temperature changes.

Never place an LP gas cylinder inside the trailer.

The LP gas system in your trailer is designed to operate on LP gas only, NOT natural gas. A natural gas supply is not safe for use in an LP gas system due to the difference in the gas pressure, which will result in an uncontrollable flame.

DANGER

Risk of carbon monoxide poisoning and fire.

- **Do not operate LP gas appliances while the trailer is in an enclosed building or confined area.**
- **Do not use cooking appliances for comfort heating. The flame could ignite surrounding surfaces and the fumes contain carbon monoxide.**
- **Test the carbon monoxide detector for operation before operating any gas appliances.**

WARNING

Risk of explosion or fire.

The LP gas system in your trailer is not compatible with natural gas.

Never hook the LP gas system to a natural gas fuel source.

If you are having trouble keeping appliances lit or lighting them, you may have air in the LP gas system. Air in the system will mix with the gas vapors causing the gas to burn poorly. This is common when the LP gas system is first used or after an idle period. Take the trailer to an LP gas service center to have the system professionally purged.

LIQUEFIED-PETROLEUM (LP) GAS SYSTEM

Do not use a wrench or any other tool to open or close an LP cylinder supply valve. If the supply valve does not completely stop the flow of LP gas when it is hand tightened, the supply valve is defective and must be replaced. Turn off all gas appliances and rotate the regulator change over lever (1) vertical as shown to stop the gas flow at the regulator. Take the trailer to an LP gas service center to have the cylinder supply valve replaced.



⚠ WARNING

Risk of explosion or fire.

If LP gas is detected (by smell or by the LP gas detector):

- Do not touch electrical switches.
- Extinguish flames and pilot lights.
- Shut off LP gas supply at the LP tank.
- Leave the area until odor clears.

Have an qualified LP gas technician correct the source of LP gas leakage before using LP appliances.

Do not use a flame to locate the source of an LP gas leak.

Traveling With LP Gas

When traveling, be sure to check your map and/or with the Department Of Transportation for permissible travel routes. Some roadways and tunnels do not allow vehicles equipped with LP gas.

Using LP Gas In The Winter

It is important to remember that as the temperature decreases, so does the vaporization rate for LP gas. Also remember that butane cannot be used when the temperature is 32° F or lower. In winter conditions, the vaporization rate for propane may not be enough to allow normal gas consumption. An insufficient fuel supply will resemble a frozen regulator. Reduce gas consumption before having the regulator inspected.

Below is an energy to temperature ratio chart. Refer to the manual provided with each appliance for the BTU's that are required to operate that appliance, and the BTU's available from your fuel supply at these temperatures.

Temperature	% Of BTU's Available
20° F	200%
10° F	150%
0° F	100%
-5° F	75%
-10° F	50%
-15° F	25%
-20° F	12.5%
-44° F	0%

80% full @ 0° F = 64,400 BTU/Gal

LIQUEFIED-PETROLEUM (LP) GAS SYSTEM

Regulator

The regulator is located near the LP cylinders and is protected by a plastic cover.

Rotate the change over lever (1) toward the cylinder you want to use first. This will be the “service” cylinder and the other one will be the “reserve” cylinder. Slowly open both cylinder valves. The indicator (2) will turn bright green. The indicator will stay green as long as there is fuel coming from the service cylinder.



When the service cylinder is empty, the regulator will start drawing fuel from the reserve cylinder, providing an uninterrupted supply of fuel to the appliances. When the regulator switches over, the indicator color changes from green to red. This indicates that the service cylinder is empty and needs to be filled.

To remove the empty cylinder, rotate the change over lever toward the reserve cylinder. The indicator will turn green and the reserve cylinder then becomes the service cylinder. Close valve on empty cylinder and disconnect the line and have it refilled by an authorized LP gas service center.

Regulators occasionally freeze up due to moisture in the LP gas. A frozen regulator will block the flow of gas to the appliances. Keep the LP gas supply valves closed when not in use to help reduce the chance of moisture entering the gas system.

⚠ WARNING

Risk of fire or explosion.

Never use a flame, heat lamp or hair dryer to thaw an LP gas regulator.

Use an incandescent light bulb to carefully warm the regulator.

Do not attempt to remove the regulator cover or service the LP gas regulator.

If the regulator freezes up, try thawing it with an incandescent light bulb.

If you have regulator freezing problems, or notice moisture in the system, contact your LP gas service center.

ELECTRICAL SYSTEMS

Overview

Your trailer electrical system is equipped with a 12 volt DC (battery) system and a 30 amp 120 volt or a 50 amp 120/240 volt AC electrical system. Both systems are controlled by the power converter.

The 12 volt DC system consists of the house batteries, DC breakers and the DC loads (lights, water pump etc.).

The AC electrical system (similar to electrical in a home) consists of the shore power cord, AC breaker panel and the AC loads which may include; air conditioner, microwave, entertainment center, refrigerator (in electric mode), lights etc.

Your trailer may be equipped with a generator to power the AC loads.

Primary power is supplied via the shore power cord or the generator. This power is fed to the power converter which automatically converts a portion of the AC power to 12 volt DC power. All of the accessories normally powered by the 12 volt batteries, are then powered by the converter. The converter also has a charging circuit that will charge the 12 volt batteries while the trailer is connected to shore power or running the generator.

Some appliances and accessories (air conditioner, microwave, entertainment center, refrigerator (in electric mode) are only operable when the power is supplied by shore power or the generator.

Power Converter

The power converter is a device that supplies and controls the amount of electrical current available to your trailer and also provides circuit protection.

The power converter has a protective thermal breaker that will disconnect the AC connection if the power converter overheats. This can happen if the power converter is operating above its rated capacity or if the power converter cooling vent is blocked. If the power converter breaker trips repeatedly, contact your Featherlite dealer for assistance.

Charging Circuit

When the trailer is connected to shore power or operating the generator, the batteries will be charged by the power converter if the battery disconnect switch is in the "ON" position. The circuit will send batteries the current necessary to keep them fully charged.

120/240 Volt Circuits

Behind the power converter cover is a series of circuit breakers and fuses. The circuit breakers protect the AC appliances from an overload, a short in the wiring or the appliance itself. If an overload or a short circuit occurs, the circuit breaker will trip.

If a circuit breaker trips, wait a few minutes and turn off the loads on the circuit. Try resetting the circuit breaker by switching it to the "OFF" position and then back to "ON". If the circuit breaker continually trips with no load on the circuit, leave the circuit breaker for that circuit in the off or open position and contact a qualified electrician to inspect the circuit.

Some of the 120 volt outlets in your trailer are GFCI type (Ground Fault Circuit Interrupter). If a GFCI circuit trips, it could be the GFCI breaker on the electrical outlet or the circuit breaker in the AC breaker panel. Check the circuit breaker in the AC breaker panel first and then press the "RESET" button on the electrical outlet. If the circuit breaker continually trips with no load on the circuit, leave the circuit breakers for that circuit in the off or open position and contact a qualified electrician to inspect the circuit.

WARNING

Risk of fire.

Improperly rated fuses and circuit breakers can cause an electrical circuit to overheat, resulting in a fire.

Always replace fuses and circuit breakers with like rating.

ELECTRICAL SYSTEMS

12 Volt Circuits

The 12 volt master disconnect switch located on the side of the battery box is the ON/OFF switch for the 12 volt circuits. This switch must be in the "ON" position to use any 12 volt load.

There are several blade type automotive fuses on the 12 volt side of the power converter. If a 12 volt circuit fails, check the circuit fuse. A blown fuse is identified by a visible broken connection inside the fuse. Replace a blown fuse with a fuse of the same rated amperage. A higher amperage fuse could cause the wiring in that circuit to overheat, creating a fire hazard.

Before replacing a blown fuse, turn off the loads on the circuit. If the fuse blows again with the loads turned off, leave the fuse for that circuit out and contact an authorized technician to inspect the circuit.

⚠ WARNING

Risk of fire.

Improperly rated fuses and can cause an electrical circuit to overheat, resulting in a fire.

Always replace fuses with like rating.

Shore Power

⚠ WARNING

Shore power poses a risk of death due to electrocution or fire.

- **Always use the cord that was supplied with the trailer when manufactured, or a Featherlite approved replacement. Never use an extension cord.**
- **Always connect the electrical cord to a grounded source of shore power.**
- **Never remove prongs from the shore power plug.**
- **Connect only to source of proper voltage.**
- **Do not overload electrical circuits.**
- **Always replace fuses or circuit breakers with correct rating.**

Connect To Shore Power

Your trailer can be equipped with either a 50 amp shore power cord or a 30 amp shore power cord.



50 Amp



30 Amp

The options and electrical loads in your trailer determine which shore power cord was installed. Do not use adapters or extension cords. If the shore power source is not equipped for your shore power cord, move to another location or use the generator.

ELECTRICAL SYSTEMS

1. Open the shore cord access door and pull out the needed amount of cord.

2. Connect power cord (1) to proper power source and close access door.



30 Amp Shore Power Cord Shown

3. While trailer is powered by shore power, the 12 volt master disconnect switch (2) located on the side of the battery box **must** be in the "ON" position to use a 12 volt load and also to allow the house batteries to charge. It is important that the disconnect switch be ON to allow the house batteries the recharge.



Disconnect Shore Power

1. Turn off all electrical devices.

2. Disconnect power cord from electrical source.

3. Place shore cord in the storage compartment and close cover door.

Generator

⚠ DANGER

You can die or be brain damaged by carbon monoxide.

Do not operate the generator while the trailer is in an enclosed building or confined area.

Have a working carbon monoxide detector in the living space of the trailer before operating the generator.

⚠ WARNING

Operating a gasoline or diesel generator can lead to death or serious injury by:

- Carbon Monoxide
- Fire and Explosion
- Electrocutation

Have a working carbon monoxide detector in the living space of the trailer before operating the generator.

Do not refuel a running generator or refuel near ignition sources.

Carbon monoxide is an odorless gas that can cause death. Make sure that no exhaust from a running generator can accumulate in areas where people or animals may be present. A confined area will not allow proper ventilation and the carbon monoxide fumes can enter the trailer.

Conditions that can redirect exhaust fumes are for example:

- Being drawn in by fans or ventilators operated in a trailer;
- Prevailing wind;
- Being trapped between adjacent trailers, vehicles, buildings; or
- Being trapped between or in a snow bank or other materials that can redirect fumes.

You must have a working carbon monoxide detector inside the living space of your trailer.

ELECTRICAL SYSTEMS

Your trailer can be equipped with a 3.2 kW, 3.6 kW, 4.0 kW, 5.5 kW or a 7.0 kW generator.

This manual provides you with basic generator start up and shut down procedures. Refer to the Operator's Manual provided with the generator for additional safety, operation and maintenance information.

Starting The Generator

1. Check engine oil and fuel levels. See generator Operator's Manual for oil check location, and oil and fuel requirements.
2. Press and hold "START" (1) on the remote generator panel to start the generator. The "START" switch has a built-in delay before the generator will attempt to start. This panel is located in the living space of your trailer. Release switch when engine starts.



3. While trailer is powered by the generator, the 12 volt master disconnect switch (2) located on the side of the battery box **must** be in the "ON" position to use a 12 volt load and also to allow the house batteries to charge. It is important that the disconnect switch be ON to allow the house batteries the recharge.



Stopping The Generator

1. Turn off all electrical loads and allow generator to run for two minutes to cool down.
2. Press "STOP" to stop generator engine.



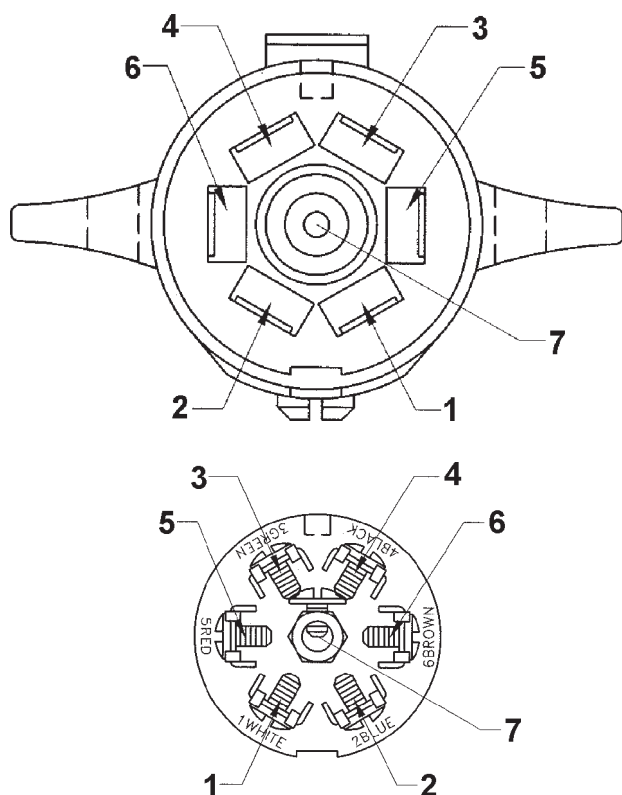
ELECTRICAL SYSTEMS

12 Volt Circuit

Trailer Connector

The seven pin trailer electrical connector has one pin (4) that is wired to trickle charge the trailer battery and break-away battery while the tow vehicle engine is running.

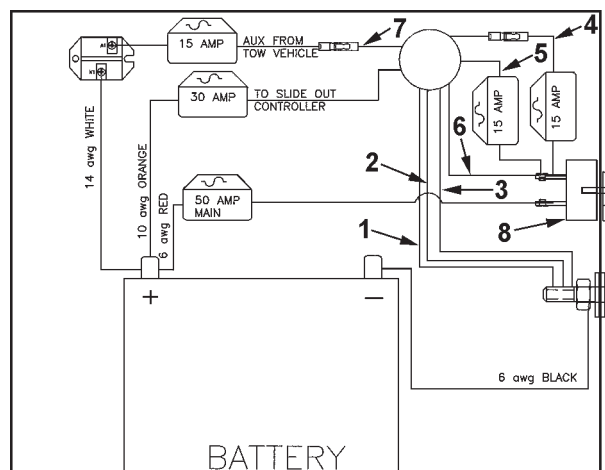
The terminal colors and numbers shown in the following drawing are stamped on the plug by the manufacturer. Terminals are wired as shown in the description below.



Terminals At Rear Of Connector

- 1 - Ground
- 2 - Electric Brakes
- 3 - Marker Lights
- 4 - Battery Trickle Charge
- 5 - Left Turn/Stop Lights
- 6 - Right Turn/Stop Lights
- 7 - Backup Lights

Battery Box



- 1 - Black To Power Converter and Chassis Ground
- 2 - White To Slideout Controller
- 3 - White To Refrigerator
- 4 - Blue To Auxiliary Lights
- 5 - Red To Refrigerator
- 6 - Red To Power Converter
- 7 - Blue or White From Tow Vehicle
- 8 - 12 Volt Disconnect Switch

Disconnect Switch

While trailer is powered by the generator or shore power, the 12 volt master disconnect switch (1) located on the side of the battery box must be in the "ON" position to allow the house batteries to charge. Turn this switch off while the trailer is not being used or in storage.



SLIDEOUT

Hazards

⚠ WARNING

Risk of crushing.

Bystanders can be crushed by the extending slideout.

Keep people away from the slideout while extending and retracting.

Cautions

CAUTION

Risk of trailer damage.

DO NOT alter or modify the slideout or drive mechanism for any reason. Altering or modifying may cause a malfunction resulting damage to the trailer.

Service work must be performed by an authorized Featherlite technician.

CAUTION

If either side of the slideout stops moving, press the control button immediately.

First indication of slideout binding may be a loud banging noise resulting from the clutch slipping.

Stop operation immediately and check for obstacles/binding.

CAUTION

Make sure there is adequate clearance to fully extend the slideout.

A control box for the slideout is located in a cabinet adjacent to the entrance door. This control box has an amperage adjustment for the slideout drive motor and must not be tampered with. Contact your Featherlite dealer if the slideout is not functioning properly.

Extend Slideout

1. To extend the slideout, press and release button (1).



If necessary, the slideout can be stopped at any time by pressing button (1) again.

Press button (1) again and the slideout will move in the opposite direction as before.

The slideout will fully open and stop automatically.

Retract Slideout

1. To retract the slideout, press and release button (1).

If necessary, the slideout can be stopped at any time by pressing button (1) again.

Press button (1) again and the slideout will move in the opposite direction as before.

The slideout will fully close and stop automatically.

SLIDEOUT

Manual Operation

The shaft of slideout drive motor has been modified with an adapter to permit use of a crank handle (1) to manually turn motor shaft and extend/retract slideout. The access hole for the crank is centered opposite the slideout in the lower frame rail. Remove crank handle immediately after use.



⚠ WARNING

Risk of injury from spinning crank handle.

The crank handle will spin if the slideout control button is pushed.

Remove crank handle immediately after manually extending or retracting slideout.

ELECTRIC APPLIANCES

General Information

This section covers the operation of the air conditioning, exhaust hood, microwave oven and electric cook top. The refrigerator, which can operate on electric, gas or 12 volt, is covered in the Gas Appliances section.

Air Conditioning Overview

Your trailer can be equipped with a roof mounted non-ducted air conditioner or a ducted air conditioner. The non-ducted models have a control panel on each unit, while the ducted models have a central thermostat similar to a house.

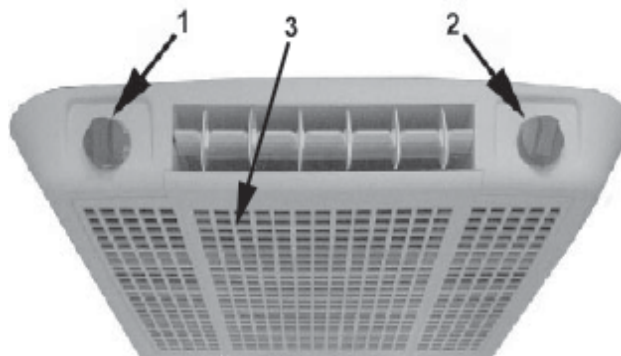
Non-Ducted Air Conditioner

The air conditioner can be operated while the trailer is connected to shore power or running the generator.

The air conditioner has a heating element installed to take the chill out when the air temperature is a few degrees too cool for comfort. This is used as a “chill chaser”, not as a substitute for a furnace. Use the installed furnace for heating when necessary.

Refer to the air conditioner manufacturer's Owner's Manual for additional safety, operating and maintenance information.

Control Panel



1 - Function Control - Rotate knob to select:

- Off
- High Cool
- Low Cool
- High Fan
- Low Fan
- Low Cool

2 - Temperature Control - Rotate knob to select desired temperature:

- Rotate counterclockwise for cooling
- Rotate clockwise for heating (chill chaser)

Maintenance

Every Two Weeks

1. Remove cover (3) and clean or replace filters as necessary. Filters that are worn, torn or deteriorated must be replaced.

ELECTRIC APPLIANCES

Ducted Air Conditioning

The ducted air conditioner can be operated while the trailer is connected to shore power or running the generator. Refer to the air conditioner manufacturer's Owner's Manual for additional safety, operating and maintenance information.

Thermostat



1 - Fan Mode - Set in Auto for automatic fan operation or On for continuous fan operation.

2 - Thermostat - Set in Cool, Off or Heat as desired.

3 - Fan Speed - With the Fan Mode switch in the On position, select the High or Low fan setting.

Maintenance

Every Two Weeks

1. Remove cover (1) and clean or replace filters as necessary. Filters that are worn, torn or deteriorated must be replaced.



Exhaust Hood

The exhaust hood (1) must be turned on while the cook top or oven is in use to exhaust odors and gas fumes to the outside. Refer to the exhaust hood manufacturer's Owner's Manual for additional safety, operating and maintenance information.



The exhaust hood also houses the controls for the fresh water pump, hood light and the display for the holding tanks, fresh water tank and battery charge level.

ELECTRIC APPLIANCES

Microwave Oven

Read the microwave manufacturers Owner's Manual for additional safety and operating information.



Electric Cook Top

Refer to the cook top manufacturer's Owner's Manual for additional safety, operating and maintenance information.

1. Rotate the control knobs for the desired burners to the setting desired.
2. Turn all burners off after use. To turn the burners off, rotate the control knobs to the "OFF" position.

GAS APPLIANCES

Carbon Monoxide (CO) Hazard

Carbon monoxide is a colorless, tasteless, odorless gas that can cause brain damage or death. Carbon monoxide can come from operation of fuel burning appliances such as a water heater, furnace, cook top and oven.

Symptoms of carbon monoxide poisoning are:

- Headache
- Drowsiness
- Nausea
- Vomiting
- Shortness of breath
- Unconsciousness

If any of these symptoms exist, remove the victim immediately to fresh air and get medical attention.

NEVER operate the following appliances inside the trailer. Deadly carbon monoxide is produced by these appliances:

- Portable grill
- Portable stove
- Portable heater
- Portable gas lantern

NEVER operate any gas burning appliances while the trailer is in an enclosed building or confined area. A confined area will not allow proper ventilation and the carbon monoxide fumes can enter the trailer.

Conditions that can redirect carbon monoxide fumes are for example:

- Being drawn in by fans or ventilators operated in a trailer;
- Prevailing wind;
- Being trapped between adjacent trailers, vehicles, buildings; or
- Being trapped between or in a snow bank or other materials that can redirect fumes.

DANGER

You can die or be brain damaged by carbon monoxide.

Do not operate gas appliances while the trailer is in an enclosed building or confined area.

Test the carbon monoxide detector for operation before operating any gas appliances.

NEVER use a cooking appliance to provide comfort heating.

WARNING

Risk of carbon monoxide poisoning or fire.

The fumes from burning gas contain carbon monoxide, an odorless gas that can cause death or brain damage.

Cooking appliances used for comfort heating can ignite surrounding surfaces.

It is not safe to use cooking appliances for comfort heating.

CHECK all appliance vents for debris after periods of storage and before opening LP gas supply valves. A blocked vent can cause a fire or result in carbon monoxide entering into the trailer.

Turn the exhaust hood ON and open a window **before** lighting the cook top burners or oven to vent the fumes to the outside.

You must have a working carbon monoxide detector inside the living space of your trailer.

Test the carbon monoxide detector after periods of storage, before each trip, or before operating any gas burning appliance. Replace the battery at least once per year.

GAS APPLIANCES

Liquefied-Petroleum (LP) Gas Hazard

Your trailer may be equipped with the following appliances that operate on LP gas:

- Cook top
- Oven
- Water heater
- Refrigerator
- Furnace

Keep the LP gas cylinder supply valves closed at all times, except when using a gas appliance.

The LP gas system in your trailer is designed to operate on LP gas only, NOT natural gas. A natural gas fuel supply is not safe for use in an LP gas system due to the difference in the gas pressure, which will result in an uncontrollable flame.

WARNING

Risk of death due to explosion or fire.

- **Connect the LP gas system to a supply of LP gas only, NOT natural gas.**
- **Do not place an LP gas cylinder (empty or full) inside the trailer.**
- **Have the LP gas cylinder refilled by a qualified LP gas supplier.**

Check to be sure all LP gas appliances are off before opening the LP gas supply valves. If an appliance is left on, gas could accumulate in the trailer creating an explosion or fire hazard.

WARNING

Risk of explosion.

Gas can accumulate in the trailer if an appliance control is left on, and the gas supply valve is opened.

Verify that all appliance controls are off before opening gas supply valve.

WARNING

Risk of explosion or fire.

If LP gas is detected (by smell or by the LP gas detector):

- **Leave the trailer.**
- **Turn the gas off at the LP cylinders.**
- **Do not strike a spark or flame, or touch electrical switches.**
- **Never use a flame to locate the source of a gas leak.**

Have an qualified LP gas technician correct LP gas leakage before using any LP gas appliance.

Turn off all gas appliances and pilot lights before refueling LP gas cylinders, gasoline or diesel fuel tanks or when towing trailer. Some automatic ignition appliances may continue to spark even after the gas is turned off at the supply valve.

WARNING

Risk of explosion or fire.

- **Automatic ignition appliances may continue to spark after the gas supply valves are turned off, which can ignite gas fumes.**
- **Turn off all gas appliances and pilot lights when refueling gasoline or diesel tanks, LP gas cylinders or when towing trailer.**
- **Never store a flammable material near an LP gas appliance.**
- **Never use a combustible liquid for cleaning.**

GAS APPLIANCES

Water Heater - Except SURV Trailers

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the water heater.

Your trailer can be equipped with one of several different sizes and brands of water heaters. Use the instructions that follow and the manufacturers instructions for the water heater that is installed in your trailer.

CAUTION

Risk of equipment damage.

The heating element in the water heater will be damaged if the switch is turned on without water in the water heater tank.

Prime the water system BEFORE turning the water heater switch "ON".

Open hot water faucet to be sure there is water in the tank, and that the demand pump or external water supply is on.

Turn On Water Heater

1. Be certain switch (1) is "OFF".



2. Open supply valves on LP gas cylinders. If the gas supply valves were already open, close valves and wait five minutes before opening again.

3. Turn on electrical power to the water heater.

4. Turn water heater switch (1) to "ON". There will be a fifteen second purge before the electronic spark lights the burner.

If the burner does not light on the first attempt, it will automatically try two more times. If the burner does not light after the third attempt, the reset light (2) will come on. Turn switch "OFF" and repeat step 4. If water heater still does not light, have the water heater inspected by an qualified technician.



Turn Off Water Heater

1. Turn water heater switch (1) off.
2. Turn off LP gas cylinder supply valves if no other gas appliance will be used.
3. For winter storage, see Winterizing And Storage on page 57.

GAS APPLIANCES

Water Heater - SURV Trailers Only

Water heater models SW6P and SW6PE

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 and below before operating the water heater.

⚠ WARNING

If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

Before operating the water heater, be sure tank is filled with water.

Safety Information

A. This water heater has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.

B. BEFORE LIGHTING, smell all around the water heater area for gas. Be sure to smell next to the floor because some gas is heavier than air.

C. Use only your hand to push in or turn the gas cock or reset button. Never use tools. If the knob will not push in or turn by hand, do not try to repair it; call a qualified service technician. Forced or attempted repair may result in a fire or explosion.

D. Do not use the water heater if any part has been under water. Immediately call a qualified service technician to inspect the water heater and to replace any part of the control system and gas control that has been under water.

E. Before operating water heater, check the location of the vent to make sure it will not be blocked by the opening of a door or other object. If it can be blocked, do not operate the water heater while the vent is blocked.

Operating Instructions

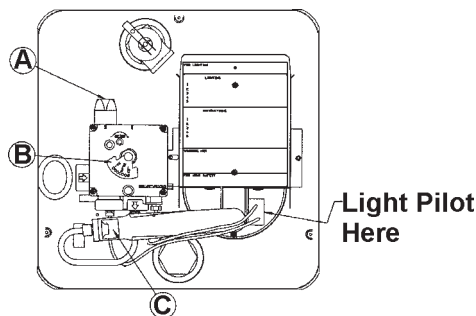
If the water heater is equipped with a reignitor control, see "Lighting Instructions for Reignitor Control" in the water heater manual provide by the manufacturer.

1. STOP! Read the safety information on pages 33-34 and this page.
2. Depress and turn knob (A) clockwise to "Off" position.
3. Turn off all electric power to the water heater (gas/electric models only).
4. Wait five minutes for the gas to clear the area. If you smell gas then STOP! Follow instructions in item B in the safety information. If you do not smell gas, go to the next step.
5. Depress and turn knob (A) counter clockwise to "Pilot" position, press knob down and light where indicated in illustration.

⚠ CAUTION

Do not attempt to light at main burner orifice (C) in illustration.

6. Hold knob depressed until pilot remains on.
7. Depress and turn knob (A) counter clockwise to "On" position. The control knob has a straight line designation beyond the "ON" position. Turn to this position when moving the valve from the "Pilot" to the "On" position. Knob will automatically snap back to the "On" position when released.



GAS APPLIANCES

8. If pilot goes out, repeat steps 2-6. On initial start up, this may take several minutes to purge the air from the gas lines and the pilot to remain on.

9. Turn on all electric power to the water heater (gas/electric models only).

10. Set temperature dial (B) to desired setting.

⚠ WARNING

Risk of scalding.

Temperature setting on control was factory set at low (120°) to reduce the risk of scalding.

Setting the temperature dial past the low position will increase the risk of scalding injury.

11. Feel the water for temperature before use.

Turn Off Water Heater

1. Turn temperature dial (B) to the lowest setting.

2. Turn off electrical power to the water heater.

3. Depress and turn knob (A) clockwise to the "Off" position.

4. If the trailer is to be stored or if water heater is going to be turned off while subjected to freezing temperature, drain water heater.

Furnace

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the furnace.

The furnace installed in your trailer is a 12 volt controlled, electronic spark ignition, LP gas furnace.

Your trailer can be equipped with either a ducted furnace or a non-ducted furnace. A ducted furnace is similar to a home heating system. Warm heated air is routed through ducts to different areas of the trailer. A non-ducted furnace discharges the warm heated air out the front of the furnace.

Both types of furnaces use a central thermostat.

Use the instructions that follow and the manufacturers instructions for the furnace that is installed in your trailer.

1. Verify that the 12 volt disconnect switch is on and the open the LP gas cylinder supply valve.

2. Move the thermostat On-Off switch (1) to the left. The switch is shown in the off position. The thermometer will read the interior temperature.

3. Set the temperature control (2) at the desired temperature.



4. To turn furnace off, Move the thermostat On-Off switch (1) to the full right side position (shown).

GAS APPLIANCES

Cook Top

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the cook top.

Use the instructions that follow and the manufacturers instructions for the cook top that is installed in your trailer.

Turn exhaust hood on and open a window while the cook top is in use to exhaust gas vapors and cooking odors.

⚠ WARNING

Risk of burn explosion and fire.

Attempting to light more than one burner at a time can cause excess gas to accumulate.

Light one burner at a time.

⚠ CAUTION

Risk of burn injury.

Do not touch any of the following items while the cook top is in use, and after use until these items have had sufficient time to cool:

- **Burners;**
- **Burner grates;**
- **Areas near burners;**

Lighting Burners With Match or Spark Device:

1. **Turn on exhaust hood and open a window.**
2. Verify that LP gas supply is turned on. Press in and turn desired burner control (1) or (2) counter-clockwise to "ON" or "LITE".
3. Immediately light the burner with a match or a spark igniter designed for this purpose by holding it near the burner ports.
4. Extinguish the match or spark igniter and adjust flame as necessary.
5. To extinguish the burner flame, turn the burner control clockwise to the "OFF" position.



Lighting Burners On Cook Top Equipped With Spark Ignition:

1. **Turn on exhaust hood and open a window.**
2. Verify that LP gas supply is turned on. Press in and turn desired burner control (1) or (2) counter-clockwise to "ON" or "LITE".
3. Turn the spark knob clockwise one "click". If the burner does not light, turn the spark knob clockwise one additional "click". If the burner does not light after two "clicks", turn the burner control off and contact a qualified service technician. After the burner is lit, turn the burner control to the desired setting.
4. To extinguish the burner flame, turn the burner control clockwise to the "OFF" position.

GAS APPLIANCES

Lighting Burners On Cook Top Equipped With Electronic Ignition:

1. **Turn on exhaust hood and open a window.**
2. Verify that LP gas supply is turned on. Press in and turn desired burner control (1) or (2) counterclockwise to "ON" or "LITE". The ignition system is now activated and the igniters will spark repeatedly.
3. The burner will light within five seconds. If the burner does not light after five seconds, turn the burner control off and contact a qualified service technician. After the burner is lit, turn the burner control to the desired setting.
4. To extinguish the burner flame, turn the burner control clockwise to the "OFF" position.

Note: If 12 volt power is not available, the burners may be lit by following the instructions under "Lighting Burners With Match or Spark Device".

Oven

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the oven.

Use the instructions that follow and the manufacturers instructions for the oven that is installed in your trailer.

⚠ CAUTION

Risk of burn injury.

Do not touch any of the following items while the oven is in use, and after use until these items have had sufficient time to cool:

- Inner oven surface;
- Outer surface of the oven door;
- Oven vent;
- Wire rack inside oven;
- Utensils and cookware inside oven.

Operation

1. Verify that the gas supply is turned on.
2. Push in on the oven control knob (1) and rotate counterclockwise to the "PILOT ON" position.



2. Using a spark device, light the oven pilot located under the broiler shelf, at the left rear of the oven burner.

3. Keep the control knob at "PILOT ON" to maintain the oven pilot. The window open and exhaust hood running are not required with only the pilot light on.

4. **Turn on exhaust hood and open a window.** With the oven pilot light lit, rotate the oven control knob to the desired temperature or broil.

5. Turn burner or broiler off after use. To extinguish the oven burner or broiler while maintaining the pilot light, rotate the oven control knob (1) to the "PILOT ON" position.

6. Oven pilot must be turned off during periods of storage or while towing. To extinguish the oven pilot, rotate the oven control knob (2) to the "OFF" position.



GAS APPLIANCES

Refrigerator

Overview

There are three types of refrigerators that may be installed in your trailer;

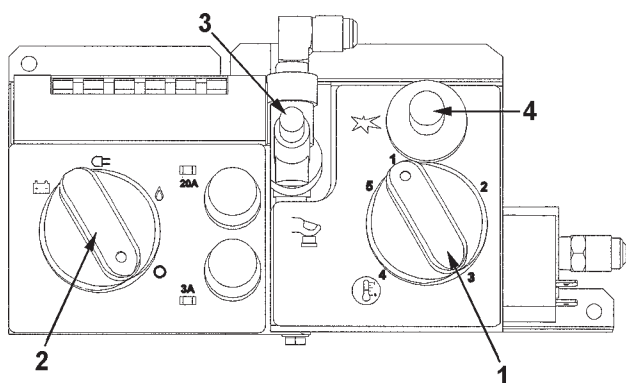
- Two-way (120 volt AC and 12 volt DC)
- Two-way (120 volt AC and LP gas)
- Three-way (120 volt AC, 12 volt DC and LP gas).

There are three sizes of standard refrigerators available, 2.4 cu. ft., 2.7 cu. ft. and 6.0 cu. ft. All three sizes are available as two-way or three-way refrigerators. Various sizes may be used in custom applications

If your refrigerator has a 12 volt DC option, operate on 12 volt DC power only while the trailer is in transit. 12 volt DC power is designed to maintain the temperature of the refrigerator and its contents when they are already cool. Use 120 volt AC or LP gas for the initial start up and cooling of the refrigerator.

Use the instructions that follow and the manufacturer's instructions for the refrigerator that is installed in your trailer.

2.4 Cu. Ft. Refrigerator



- 1 - **Thermostat:** Temperature control for the refrigerator.
- 2 - **Selector Switch:** Selects the power source for the refrigerator.
- 3 - **Gas Safety Valve:** (LP gas models only) This closes the gas flow if the burner goes out.
- 4 - **Piezo Lighter:** (LP gas models only) Creates spark to ignite the burner.

Note: Controls are located on the outside of the trailer, through the access panel at the rear of the refrigerator.

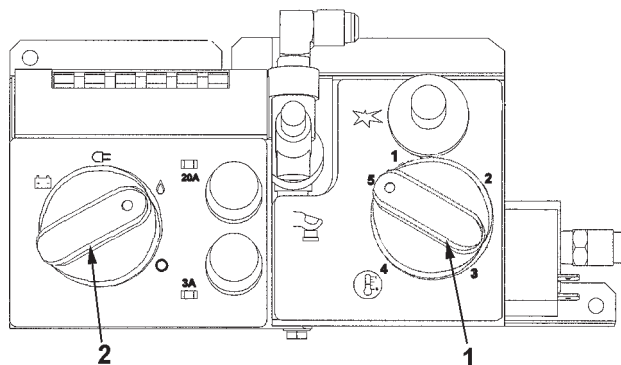
LP Gas Operation

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

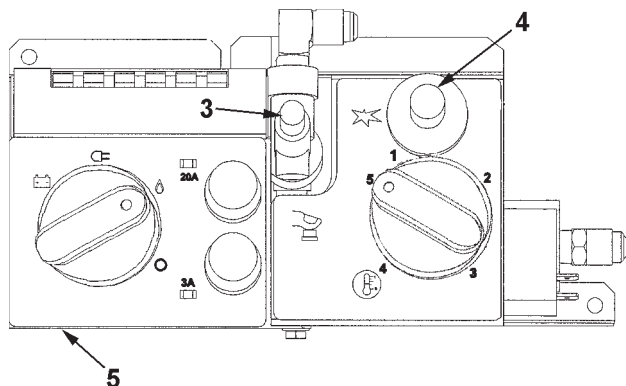
Read and follow the instructions for Gas Appliances on pages 33-34 before operating the refrigerator on LP gas.

1. Open supply valve on LP gas cylinders.
2. Turn the thermostat (1) to the 5 setting.
3. Turn the selector switch (2) to the LP gas position.



GAS APPLIANCES

4. Push in and hold the gas safety valve (3) and push in the piezo lighter (4) several times in rapid succession, for about five seconds, but no longer than thirty seconds. The flame is visible in the gas flue (burner) (5).

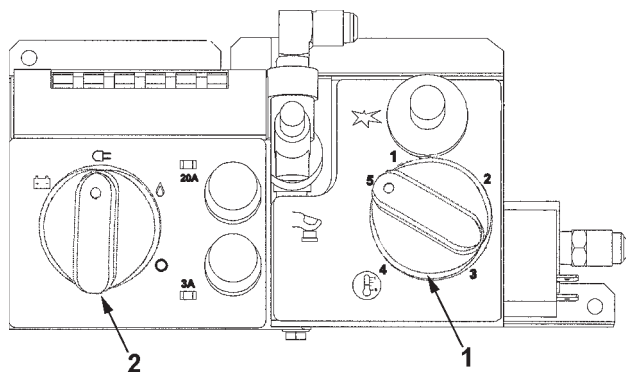


After burner is lit, continue to hold in on the gas safety valve for 30 seconds, then release valve.

5. Turn the thermostat (1) to the desired temperature setting.

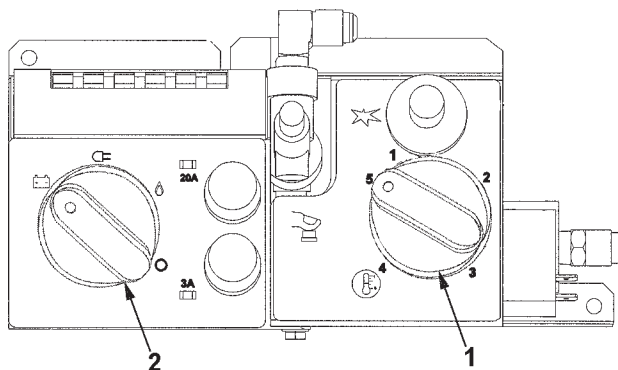
120 Volt AC Operation

1. Be certain shoreline is connected and power source is on, or the generator is running.
2. Turn the selector switch (2) to the 120 volt AC position.
3. Turn the thermostat (1) to the desired temperature setting.



12 Volt DC Operation

1. Be certain that 12 volts DC is available.
2. Turn the selector switch (2) to the 12 volt DC position.
3. Turn the thermostat (1) to the desired temperature setting.

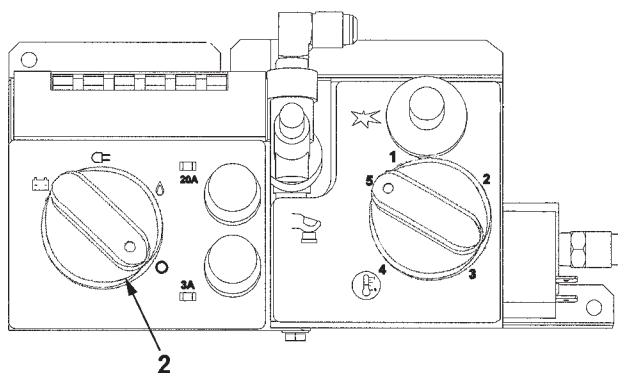


Note: 12 volt DC operation is intended only to maintain the temperature of the refrigerator and its contents when they are already cool. 12 volt DC operation is not recommended for the initial start up and cooling of the refrigerator.

The trailer battery must be fully charged to maintain cooling.

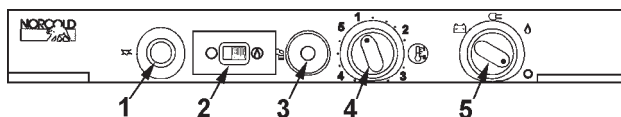
Turn Refrigerator Off

1. Turn the selector switch (2) to the off position.



GAS APPLIANCES

2.7 Cu. Ft. Refrigerator



- 1 - Piezo Lighter:** (LP gas models only) Creates spark to ignite the burner.
- 2 - Flame Meter:** (LP gas models only) Indicates if flame is present in the burner.
- 3 - Gas Safety Valve:** (LP gas models only) This closes the gas flow if the burner goes out.
- 4 - Thermostat:** Temperature control for the refrigerator.
- 5 - Selector Switch:** Selects the power source for the refrigerator.

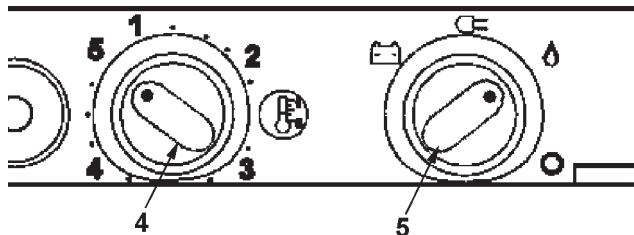
LP Gas Operation

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the refrigerator on LP gas.

1. Open supply valve on LP gas cylinder.
2. Turn the thermostat (4) to the 5 setting.
3. Turn the selector switch (5) to the LP gas position.



⚠ WARNING

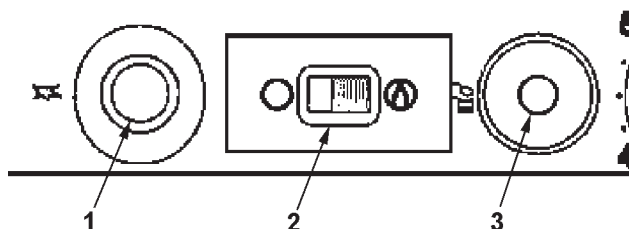
Risk of explosion.

Gas can accumulate in the refrigerator burner if the safety valve is held in for more than 30 seconds.

If flame is not present in the refrigerator burner after thirty seconds, release safety valve and wait five minutes before trying again.

4. Push in and hold the gas safety valve (3) and push in the piezo lighter (1) several times in rapid succession, for about five seconds, but no longer than thirty seconds.

When a flame is present in the burner and the flame meter (2) moves into the green area, release the gas safety valve.



If the flame meter does not move into the green area, wait five minutes and repeat step 4 again.

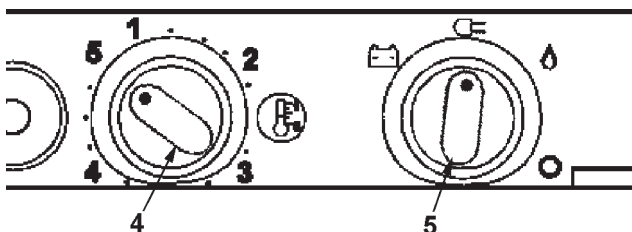
5. Turn the thermostat to the desired temperature setting.

GAS APPLIANCES

2.7 Cu. Ft. Refrigerator

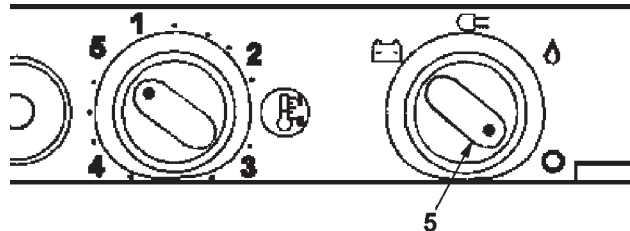
120 Volt AC Operation

1. Be certain shoreline is connected and power source is on, or the generator is running.
2. Turn the selector switch (5) to the 120 volt AC position.
3. Turn the thermostat (4) to the desired temperature setting.



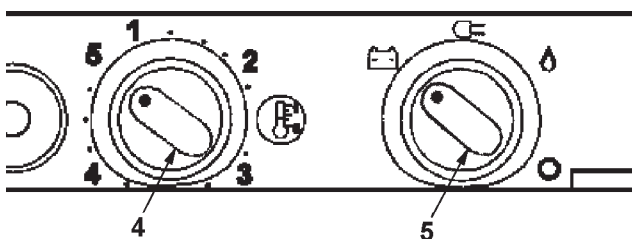
Turn Refrigerator Off

1. Turn the selector switch (5) to the off position.



12 Volt DC Operation

1. Be certain that 12 volts DC is available.
2. Turn the selector switch (5) to the 12 volt DC position.
3. Turn the thermostat (4) to the desired temperature setting.

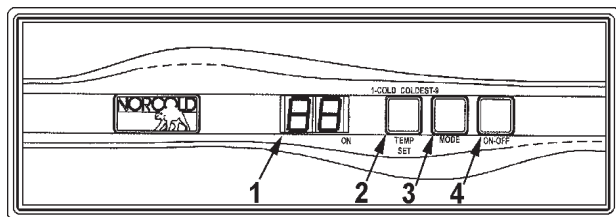


Note: 12 volt DC operation is intended only to maintain the temperature of the refrigerator and its contents when they are already cool. 12 volt DC operation is not recommended for the initial start up and cooling of the refrigerator.

The trailer battery must be fully charged to maintain cooling.

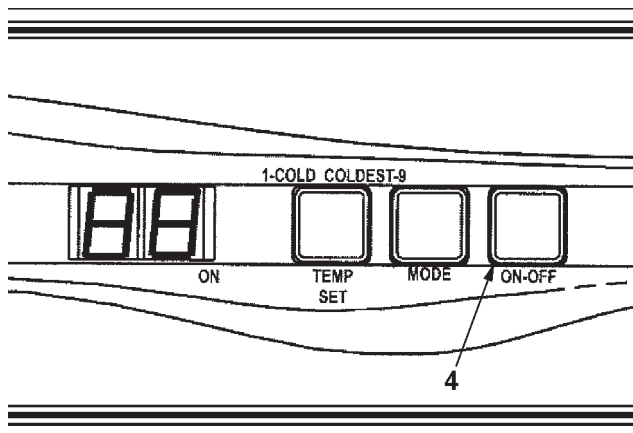
GAS APPLIANCES

6.0 Cu. Ft. Refrigerator



- 1 - Display:** Displays the refrigerator settings.
- 2 - Temp Set Button:** Temperature control for the refrigerator.
- 3 - Mode Button:** Selects the power source for the refrigerator.
- 4 - ON/OFF Button:** Starts and stops the refrigerator.

1. Press the "ON/OFF" button (4) to turn the refrigerator ON.



2. The "MODE" button allows you to select between "AUTO", or one of the manual modes. Two-way refrigerators will have two manual modes and three-way refrigerators will have three manual modes.

In the "AUTO" mode, the refrigerator will select the most efficient power source available. The first choice is 120 volts AC, then LP gas and finally, 12 volts DC.

The manual modes allow you to select the power source for the refrigerator.

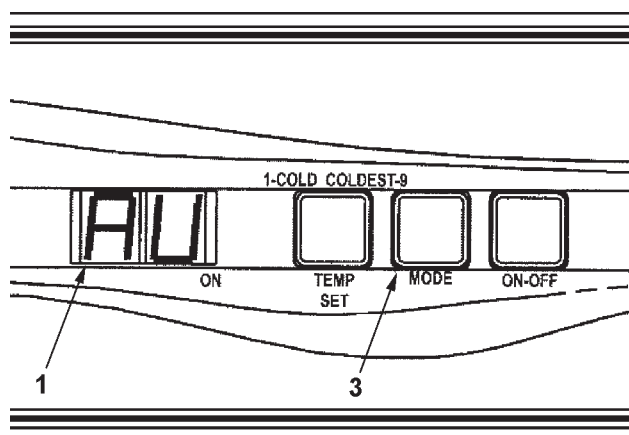
Automatic Operation

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the refrigerator on LP gas.

Press the mode button (3) until the letters "AU" show in the display (1). Release the mode button.



GAS APPLIANCES

6.0 Cu. Ft. Refrigerator

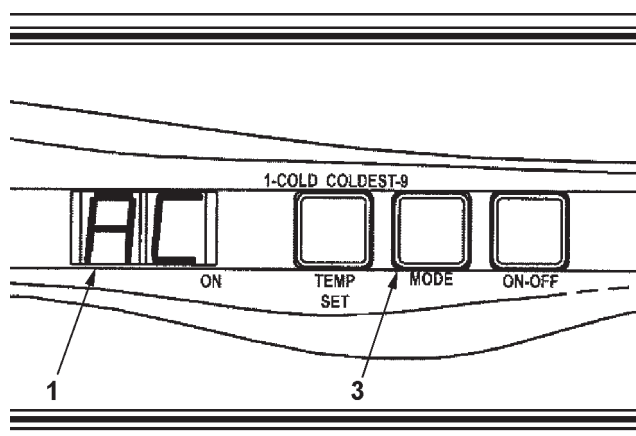
• If **120 volts AC is available**, the letters “AC” will show on the display. After ten seconds, the display will go off and the green power ON light will be on. The refrigerator is operating on 120 volts AC.

• If **120 volts AC is not available**, the letters “AC” will show on the display. After five seconds, “AU” and then “LP” show on the display. Then, after ten seconds the display will go off and the green power ON light will be on. The refrigerator is operating on LP gas.

If **120 volts AC and LP gas are not available**, the refrigerator will automatically switch to 12 volt DC power on 3-way models.

Manual Operation

• **120 Volt AC Operation** - Push and hold the mode button (3) until “AC” shows on the display (1). Release mode button. After ten seconds, the display will go off and the green power ON light will be on. The refrigerator is operating on 120 volts AC.



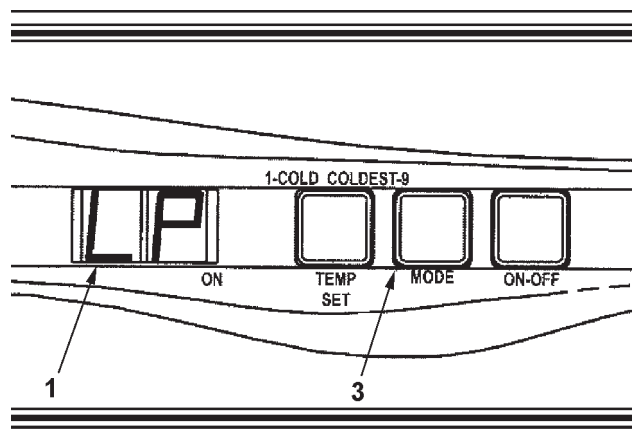
• LP Gas Operation

⚠ WARNING

Risk of death by carbon monoxide, explosion and fire.

Read and follow the instructions for Gas Appliances on pages 33-34 before operating the refrigerator on LP gas.

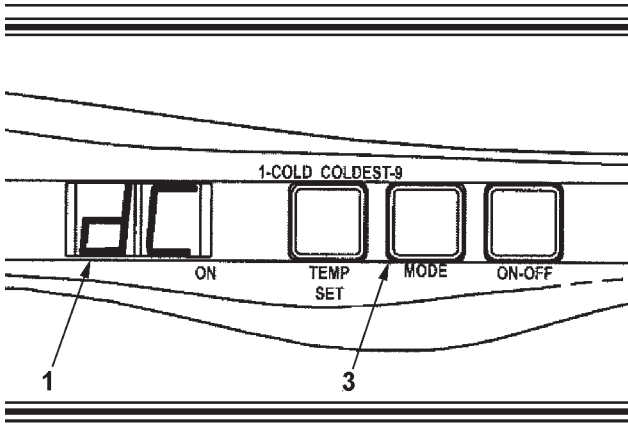
Push and hold the mode button (3) until “LP” shows on the display (1). Release mode button. After ten seconds, the display will go off and the green power ON light will be on. The refrigerator is operating on LP gas.



GAS APPLIANCES

6.0 Cu. Ft. Refrigerator

• **12 Volt DC Operation** - Push and hold the mode button (3) until "dC" shows on the display (1). Release mode button. After ten seconds, the display will go off and the green power ON light will be on. The refrigerator is operating on 12 volts DC.



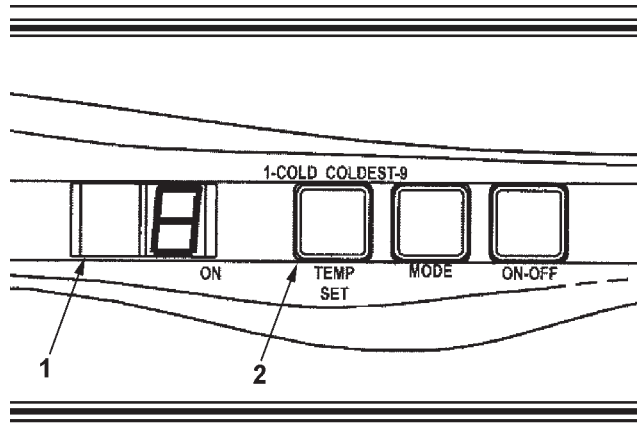
Note: 12 volt DC operation is intended only to maintain the temperature of the refrigerator and its contents when they are already cool. 12 volt DC operation is not recommended for the initial start up and cooling of the refrigerator.

The trailer battery must be fully charged to maintain cooling.

Select Temperature Setting

Push the "TEMP SET" button (2) and the current setting will show in the display (1).

Push and hold the "TEMP SET" button (1) until the desired setting is displayed (9 is the coldest setting), then release button.



FURNISHINGS

Sofa/Bed Conversion

To convert the sofa to a bed:

1. Remove the table (1) and post.



2. Pull the front edge of the seat upward and outward while gently pushing downward on the backrest.



To convert the bed back to a sofa:

1. Push the front edge of the seat rearward toward the wall while gently lifting upward on the backrest. Continue pushing the front edge of the seat until the couch is fully seated against the wall.
2. Install post and table.

Dinette/Bed Conversion

To convert the dinette into a bed:

1. Remove dinette cushions, raise table and release the catch on the table leg brace and fold the leg (1) against the bottom of the table.



2. Pivot the table (2) onto the supports attached to the dinette seats.



FURNISHINGS

Lay dinette cushions across table to form the bed.



To convert the bed to a dinette:

1. Remove the cushions and lift the table off of the supports and pivot upward.
2. Release leg (1) from against bottom of table. Pivot leg away from table and lock in position 90° to table. Lower table until table leg is on the floor.
3. Replace dinette cushions.



Bunk Bed

If your trailer is equipped with bunk beds, enter and exit the top bunk using the ladder (1). Position the ladder as instructed by in the directions attached to the ladder.



FURNISHINGS

Roof Antenna

⚠ WARNING

Risk of electrocution.

Antenna contacting power lines can cause electrocution.

Be sure there are no overhead power lines over or near the trailer before raising antenna.

The antenna can only be raised, lowered and adjusted from inside the trailer. You can move the antenna to any position for optimum reception.

Raise the antenna by turning the crank handle (1) clockwise approximately 13 turns, or until resistance is felt.



With antenna in the up position, it can be rotated 360° in either direction. Pull the rotating ring (2) downward until it disengages from the ceiling plate. Rotate the antenna for the best reception by turning the rotating ring.



CAUTION

Risk of collision.

Antenna must be fully lowered before moving trailer.

To lower antenna, rotate the antenna until the pointer (3) on rotating ring aligns with the pointer on the ceiling plate. Push up on rotating ring until it engages in the ceiling plate. Rotate the crank handle counterclockwise approximately 13 turns, or until resistance is felt.



FURNISHINGS

Roof Vent

The bathroom of your trailer is usually equipped with a 12 volt combination roof vent, fan and light.



1. Press the top of the vent switch (1) to open the roof vent, then the fan switch (2) can be turned ON. Turn the fan OFF before closing the roof vent.

2. The light (3) can be turned regardless of the roof vent position.



Radio

Most trailers are equipped with an AM/FM/CD stereo. Refer to the radio manufacturer's Owner's Manual for operating instructions.

AWNINGS

Overview

Your trailer can be equipped with one of three awnings. A basic awning, two step awning or an electric one step awning.

The Basic Awning is a rigid, manual open and close system.

The Two Step Awning has shocks to absorb a slight wind. These shocks will partially retract if water builds up on the awning, allowing the water to drain off of the awning.

The Electric One Step Awning opens and closes by simply pressing a button in the trailer or using a key fob. The awning has shocks to absorb a slight wind. These shocks will partially retract if water builds up on the awning, allowing the water to drain off of the awning. The trailer is equipped with a wind sensor to automatically close the awning if the wind exceeds 22 mph.

CAUTION

Risk of equipment damage.

- Do not open awning if the possibility of wind in excess of 22 mph exists.
- Awning, awning supports and/or trailer can be damaged by wind.
- Make sure there is adequate clearance to fully extend the awning.

Basic Awning

Open

1. Loosen the adjustment knob (1) on the back side of each main arm.



AWNINGS

2. Open the travel latches (2) on each main arm.



3. Use the pull rod provided with the trailer and pull the lock lever (3) outward to release.



4. Hook the end of the pull rod into the loop in the pull strap (4) and pull the awning fully open.



5. Slide the rafter arms up to the end of the main arms until they snap into place. Tighten adjustment knob (5) on each rafter arm.



AWNINGS

6. Extend main arms to raise awning. Slope the awning downward away from the trailer. Close handles (6) to lock in position.



Release the main arm (7) from the trailer and position vertically. Securely anchor main arms to the ground.



The main arms (7) can be released from the trailer, positioned vertically and anchored to the ground with anchors provided with your trailer.

Extend main arms to raise awning. Slope the awning downward away from the trailer. Push handle (8) down to lock in position.



⚠ WARNING

Risk of injury.

Awning can easily be moved by wind if main arms are unanchored.

The main arms must be connected to the trailer, or securely anchored to the ground.

AWNINGS

Close

1. Raise handle (1) and fully lower both main arms. If main arms are vertical, remove anchors and connect the arms to the trailer.



2. Loosen knob (2) and release slider lock (3) and slide the rafter arms down to the bottom of the main arms.



CAUTION

Risk of equipment damage.

DO NOT release the pull strap after the lock lever has been released. The awning is under tension and could snap back to the trailer, causing damage.

3. Grasp the awning pull strap and pull to you. Push the lock arm (4) up and GENTLY allow the cover to roll to the trailer.



4. Flip the travel latches (5) downward and tighten adjustment knobs on both main arms.



AWNINGS

Two Step Awning

Open

1. Open the travel latches (1) on each main arm.



2. Use the pull rod provided with the trailer and pull the lock lever (2) outward to release.



3. Hook the end of the pull rod (3) into the loop in the pull strap and pull the awning fully open.



AWNINGS

Close

CAUTION

Risk of equipment damage.

DO NOT release the pull strap after the lock lever has been released. The awning is under tension and could snap back to the trailer, causing damage.

1. Grasp the awning pull strap and pull to you. Push the lock arm (1) up and GENTLY allow the awning to roll to the trailer.



2. Close the travel latches (2) on each main arm.



Electric One Step Awning

Open

The trailer shown is equipped with two electric one step awnings. The switches for the awnings are usually located near the respective door. There is also a key fob to operate the awning(s).

The 12 volt master disconnect switch located on the side of the battery box must be in the ON position for the electric awning to be operational.

1. Press and hold "EXTEND" (1) to open the awning.



AWNINGS

2. Release the switch when awning is fully extended



The awning has a 12 volt DC powered wind sensor that will retract the awning if the wind exceeds 22 mph. The 12 volt master disconnect switch located on the side of the battery box must be in the ON position for the wind sensor to be operational.

The ON/OFF toggle switch (2) on the control box, located in one of the wall cabinets, must be in the ON position for the wind sensor to automatically retract the awning.



Close

1. Press and hold "RETRACT" (1) to close the awning. Release switch when awning is fully retracted.



STORAGE AND WINTERIZING

Preparing Trailer For Storage

Properly preparing your trailer for storage will greatly reduce the possibility of damage to the trailer. Use the following steps when preparing your trailer for storage. If the trailer will be subjected to temperatures at or below 32° F while in storage, follow the steps under "Winterizing" also to protect the trailer water system.

1. Remove all perishable items from the cupboards and refrigerator.
2. Turn off the water heater, refrigerator, furnace and gas supply valves.
3. Clean the refrigerator and prop the refrigerator door open. Place an open box of baking soda in the refrigerator
4. Drain water heater, water lines, fresh water tank and waste tanks.
5. Drain toilet by holding flush lever down until all water is drained from toilet.
6. Remove water supply line (1) from toilet valve. Drain water from supply line and reconnect to toilet.



7. Have the trailer chassis lubricated and serviced by an qualified technician.
8. Wash and wax the trailer exterior.
9. Inspect all of the weather seals and exterior panel seams for damage. Contact your Featherlite dealer concerning seal replacement and/or repairing an exterior panel seam.
10. Close all windows and roof vents.

11. Seal off appliance vent openings to prevent rodent and insect entry.

12. Disconnect shoreline and house battery. Check with the battery manufacturer for proper storage and charging procedures.

13. Check with the generator manufacturer for proper storage procedures on the generator.

Winterizing

Winterize By Draining And Blowing Out Water Lines

CAUTION

Water system must be drained and winterized to avoid damage to the tanks, pump, lines and water heater.

1. Drain waste tanks as instructed on page 18, close drain valves and disconnect drain hose.
2. Be certain potable water tank is at least half full and the demand water pump is turned on.
3. Add water to the black (sewage) holding tank by holding the toilet flush lever open. Add approximately 7-10 gallons of water.
4. Add water to the gray (sink and shower water) holding tank by running the sink or shower faucets. Add approximately 7-10 gallons of water.
5. Drive the truck and trailer to loosen and rinse material from the sides of the waste tanks.
6. Drain the black waste tank first and then the gray waste tank as instructed on page 18. Close drain valves and rinse waste drain hose.
7. Level the trailer and block the wheels.
8. Drain the potable water tank and then close valve.
9. Be certain demand water pump is on. Open all faucets and operate the toilet until water stops flowing from each faucet and the toilet. Leave faucets open and turn the demand water pump off.

STORAGE AND WINTERIZING

CAUTION

Water lines and system can be damaged by excessive air pressure.

Do not use more than 30 psi of air pressure to blow out water system lines.

Enter air into the water system lines slowly.

10. Drain the water heater and water lines by opening the drain valves usually located in a floor cabinet under the kitchen and bathroom sinks.
11. Use a hand pump or a pressurized air system regulated to 30 psi or less to force the remaining water from the lines. Fabricate a blowout plug and insert in the city water connection fitting on the side of the trailer.
12. Enter air into the water system lines slowly until all water is removed from the lines.
13. Operate and hold the toilet flush lever until water is drained from toilet.
14. Turn the air pressure off, disconnect blowout plug and install cap on water connection.
15. Pour one cup of recreational vehicle antifreeze into each drain to prevent holding tank odors from entering the trailer.
16. Place a bucket below the waste tank drain spout and drain any water collected from blowing out the lines.

Winterizing By Draining And Adding Antifreeze To Water Lines

CAUTION

Water system must be drained and winterized to avoid damage to the tanks, pump, lines and water heater.

1. Drain waste tanks as instructed on page 19, close drain valves and disconnect drain hose.
2. Be certain potable water tank is at least half full and the demand water pump is turned on.
3. Add water to the black (sewage) holding tank by holding the toilet flush lever open. Add approximately 7-10 gallons of water.
4. Add water to the gray (sink and shower water) holding tank by running the sink or shower faucets. Add approximately 7-10 gallons of water.
5. Drive the truck and trailer to loosen and rinse material from the sides of the waste tanks.
6. Drain the black waste tank first and then the gray waste tank as instructed on page 19. Close drain valves and rinse waste drain hose.
7. Level the trailer and block the wheels.
8. Turn demand water pump off.
9. Turn the water heater power switch off.
10. Drain the potable water tank and close valve.
11. Drain the water heater and close valve.

STORAGE AND WINTERIZING

12. Be certain all valves are closed.

13. Remove cap (1) from main suction line and install suction line from winterizing kit provided with trailer.

14. Place other end of suction line into container of recreational vehicle antifreeze. Move valve (2) 1/4 turn to allow pump to siphon from antifreeze bottle. System will require 1.5 gallons to properly winterize.



15. Turn demand pump switch on.

16. Open bypass valve (3) on water heater to allow antifreeze to bypass water heater.



17. Open each faucet until antifreeze fills all lines.

18. Flush toilet to fill toilet and lines with antifreeze.

19. Replace cap in main suction line.

Remove Trailer From Storage

1. Have the LP gas system checked by a qualified technician.

2. Check and lubricate door hinges if necessary.

3. Close all faucets and drain valves.

4. Add a few gallons of water to the holding tanks and check for leaks.

5. Disinfect and sanitize the water system as instructed on page 15.

6. Check the sealing valve on the toilet for proper sealing and operation. Lubricate seal with a silicon based lubricant.

7. Remove protective coverings from appliance vent openings.

8. Charge and install 12 volt battery. Check operation of all 12 volt accessories installed in the trailer. 12 volt accessories include a car stereo, exhaust hood, lights and LP gas detector.

9. Connect shoreline and check operation of all 120/240 volt accessories installed in the trailer. 120/240 volt accessories may include a cook top, air conditioning, refrigerator and microwave.

10. Check operation of carbon monoxide detector and smoke detector.

11. Check fire extinguisher for proper charge.

12. Start refrigerator and use a refrigerator thermometer to check for proper cooling.

13. Check with generator manufacturer for the proper procedure for removing the generator from storage.

14. Check tires for condition and proper inflation.

INTERIOR CARE

Carpet

Periodically vacuum the carpet to prevent the buildup of dust and dirt, and also to lengthen the life of the carpet.

If the carpet receives a stain, immediately treat it before it gets set in. Use the same carpet cleaners available for household use. If you have a question on suggested care, contact a carpet dealer or a professional carpet cleaner.

To minimize the fading of the carpet, keep the shades and curtains closed while the trailer is not in use.

Upholstery

Periodically vacuum the upholstery to prevent the buildup of dust and dirt, and also to lengthen the life of the upholstery.

The upholstery in your trailer may contain fire retardant and fade resistant additives that can be damaged by the use of improper cleansers. Try a cleanser in an inconspicuous area before applying it to other areas.

To minimize the fading of the upholstery, keep the shades and curtains closed while the trailer is not in use.

Vinyl

Clean with a soap and water solution and a damp cloth or sponge. Do not use solvents as they may damage the vinyl surface.

Cabinets

Clean with a soft cloth and a quality wood cleaning product. Do not use solvents as they may damage the surface.

Clean simulated wood, stripping and laminated cabinets with a soap and water solution and a damp cloth or sponge. Do not use solvents as they may damage the surface.

Tables And Counter Tops

Clean the tables and counter tops with the same cleaners available for household use.

Stainless Steel Sink

Clean the sink with a mild abrasive approved for stainless steel sink use. Move the cleaning pad in the direction of the polish lines, rinse and apply a cleaning wax to protect the finish.

Bathroom

Refer to the manufacturers Owner's Manuals for proper care of the bathroom appliances.

MAINTENANCE AND INSPECTIONS

Perform the following inspections and service to the accessories in your trailer to ensure safe and reliable operation.

Before Each Trip or Once Per Week		
Accessory	Service or Inspection	Page Reference
Carbon Monoxide Detector	Test operation	13
LP Gas Detector	Test operation	13
Smoke Detector	Test operation	14
Fire Extinguisher	Test charge	14
Gas Appliances	Check vents for debris	33

Every Two Weeks		
Accessory	Service or Inspection	Page Reference
Air Conditioning Filter	Clean or replace filter	30

MAINTENANCE AND INSPECTIONS

After Periods of Storage		
Accessory	Service or Inspection	Page Reference
Carbon Monoxide Detector	Test operation	13
LP Gas Detector	Test operation	13
Smoke Detector	Test operation	14
Fire Extinguisher	Test charge	14
Potable Water Tank	Disinfect/Sanitize	15
Gas Appliances	Check vents for debris	33

APPLIANCE SERIAL NUMBERS

Appliance Serial Numbers			
Appliance	Brand	Model	Serial Number
Roof Air Conditioner			
Furnace			
Water Heater			
Refrigerator			
Power Converter			
Generator			
Cook Top			
Oven			
Exhaust Hood			
Television			
VCR/DVD			
Microwave Oven			
Roof Antenna			

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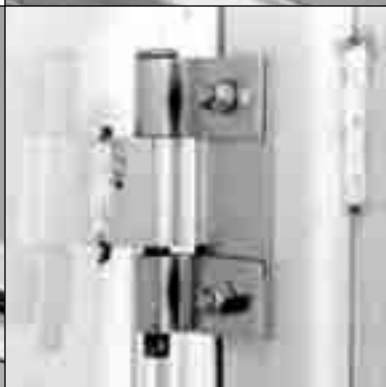


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