

**Model# YH1801RV-1**



**Portable LP Gas Grill**  
*with RV Mounting Bracket*



*Ignitor, temperature gauge, and carry bag optional*

**NOTE:**

**Do not return to retailer if merchandise is broken or parts are missing**

**Please contact customer service at**

**1-574-295-9200**

**Appliance Model # YH1801RV-1  
Outdoor LPG Grill  
For service**

*Manufactured and Distributed By:  
National Supply, LLC.  
2200 Industrial Parkway  
Elkhart, IN 46516  
1-574-295-9200*

**⚠ DANGER**

- If you smell gas:
1. Shut off gas to the appliance.
  2. Extinguish any open flame.
  3. Open lid.
  4. If odor continues, keep away from the appliance and immediately call your fire department.

**Failure to follow these instructions could result in fire or explosion which could cause property damage, personal injury or death.**

**⚠ DANGER**

1. Never operate this appliance unattended.
2. Never operate this appliance within 10 ft (3.0 m) of any structure, combustible material or other gas cylinder.
3. Never operate this appliance within 25 ft (7.5 m) of any flammable liquid.
4. Do not fill cooking vessel beyond maximum fill-line.
5. Never allow oil or grease to get hotter than 400°F or 200°C. If the temperature exceeds 400°F (200°C) or if oil begins to smoke, immediately turn the burner or gas supply OFF.
6. Heated liquids remain at scalding temperatures long after the cooking process. Never touch cooking appliance until liquids have cooled to 115°F (45 °C) or less.
7. If a fire should occur, keep away from the appliance and immediately call your fire department. Do not attempt to extinguish an oil or grease fire with water.

**Failure to follow these instructions could result in fire, explosion or burn hazard which could cause property damage, personal injury or death.**

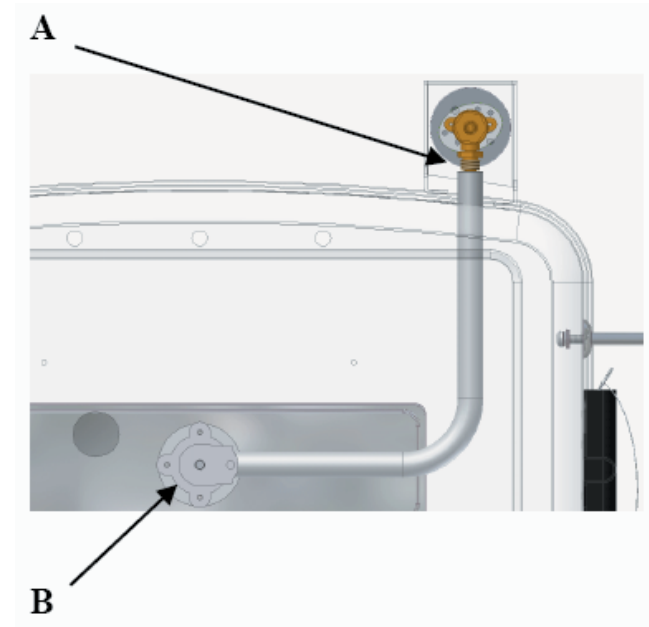
**This instruction manual contains important information necessary for the proper assembly and safe use of the appliance.**

**Read and follow all warnings and instructions before assembling and using the appliance.**

**Follow all warnings and instructions when using the appliance. Keep this manual for future reference.**

**REMOVING BURNER AND VENTURI TUBE**

1. Turn grill bottom side up.
2. Remove screw “B”(see diagram below) **Do Not Lose Washer.**
3. Turn nut “A” (see diagram below) counter clock wise until burner and tube are free.
4. To install new burner and tube, reverse steps #2 and #3.



Important - Venturi tube must fully engage valve nut A to fully engage threads on Venturi tube.  
Nut A must be turned to full length of threads.

## MAINTENANCE

Keep appliance area clear and free of any combustible materials, gasoline and other flammable vapors and liquids.

Insure that nothing is obstructing the flow of combustion and ventilation air.

Insure the ventilation opening (s) of the grill are free and clear from debris

Visually check burner flames.

Grill should be cool to the touch before cleaning and storing.

After each use of the grill, the appliance must be cleaned.

To reduce the risk of a grease fire, always clean the drip tray and remove any grease from the inside of the grill using warm soapy water. The outside of the appliance can also be wiped down with warm soapy water.

Use a brass bristled barbecue brush to scrub the stainless steel cooking grates, not a steel bristled wire brush.

DO NOT use any cleaning solvents or abrasives to clean the grill.

Before each use always check/clean burner/Venturi tubes for insects and insect nests. A clogged tube can lead to a fire beneath the appliance.

To check for gas leaks on hose or grill, use a solution of 1 part liquid dish detergent to 10 parts water. Agitate solution until bubbles form, then apply to all fittings and inlet to grill control valve. If a leak is detected and you are unable to correct; return unit to the dealer for repair.

The appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of ½ psi (3.5kPa).

The appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2psi (3.5kPa).

ANSI Z21.89-2007 Outdoor Cooking Specialty Gas Appliance.

## CAUTIONS

This Barbecue grill is designed for OUTDOOR USE ONLY and shall not be used in a building, garage or any other enclosed area!

This appliance is not intended to be installed in or on boats.

Minimum clearance from grill to any combustible material must be 8" on the rear and 12" on either side of grill.

This appliance shall not be located under a unprotected combustible constructions.

Before each use, your grill, hoses, fittings and burner should be visually inspected for any wear and/or damage/blockage.

If hoses, fittings or burners need replaced use only assemblies specified by manufacturer.

This appliance is not intended for commercial use.

The use of alcohol, prescription or non-prescription drugs may impair the consumer's ability to properly/safely operate the appliance.

When cooking with oil or grease, have a type BC or ABC fire extinguisher readily available.

In the event of an oil or grease fire do not attempt to extinguish with water. Immediately call the fire department. A Type BC or ABC fire extinguisher may, in some circumstances contain the fire.

In the event of rain, snow, hail, sleet or other forms of precipitation while cooking with oil or grease, cover the cooking vessel immediately and turn off the appliance burners and gas supply. Do not attempt to move the appliance or cooking vessel.

When cooking, the appliance must be on a level, stable surface in an area clear of combustible material. An asphalt surface (blacktop) may not be acceptable for this purpose.

Do not leave the appliance unattended. Keep children and pets away from the appliance at all times.

Do not place empty cooking vessel on the appliance while in operation. Use caution when placing anything in cooking vessel while the appliance is in operation.


Do not move the appliance while in use. Allow the cooking vessel to cool to 115°F (45°C) before moving or storing.


This appliance is not intended for and should never be used as a heater.

Place hoses and tank in a position so as to avoid a trip hazard.

This appliance will be hot during and after use. Use insulated oven mitts or gloves for protection from hot surfaces or splatter from cooking liquids

Avoid bumping of or impact with the appliance to prevent spillage or splashing of hot cooking liquid.

** WARNING - Do not use this appliance under extended awnings. Failure to comply could result in a fire or personal injury."**

** DANGER -Do not put grill in storage or travel mode immediately after use. Allow grill to cool to touch before moving or storing. Failure to do so could result in fire resulting in property damage, personal injury or death.**

## INSTALLATION

The installation of the convenience outlet (quick disconnect and manual valve assembly) must be performed by the recreational vehicle manufacturer and be in accordance with the requirements of ANSI A119.2 /NFPA 1192 and ANSI A119.5.

The installation of the appliance mounting brackets must be performed by the recreational vehicle manufacturer and be in accordance with the requirements of ANSI A119.2/NFPA 1192 and ANSI A119.5.

Installation of this grill must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1 / NFPA 54, Storage and Handling of Liquefied Petroleum Gases, ANSI / NFPA 58; or Natural Gas and Propane Installation Code, CSA B149.1; Propane Storage and Handling, CSA B149.2; or the Standard for Recreational Vehicles, ANSI A119.2 / NFPA 1192; and Recreational Vehicle Code, CSA Z240 RV Series, as applicable.

This appliance shall be installed on the opposite side, from a fuel distribution/dispensing system of an RV.

The installation of the appliance must preclude the possibility of operation or gas flow when in storage (travel) position.

The recreational vehicle grill (s) shall be connected to the vehicles propane system with a flexible hose connector complying with the high pressure requirements of the Standard for *Pigtails and Hose Connections for LP-Gas*, ANSI/UL 569, and shall be of a length no longer than that required to allow the grill to be mounted in the "in use" position of its mounting system.

The hose shall be installed in a manner that will not allow it to come in contact with the hot surface of the grill while in use or in the storage/travel mode.

**To the Installer - All instructions for appliance are to be left with the consumer for further reference.**

## BRACKETS

Bracket is shipped in the folded position



Unfold each arm one at a time



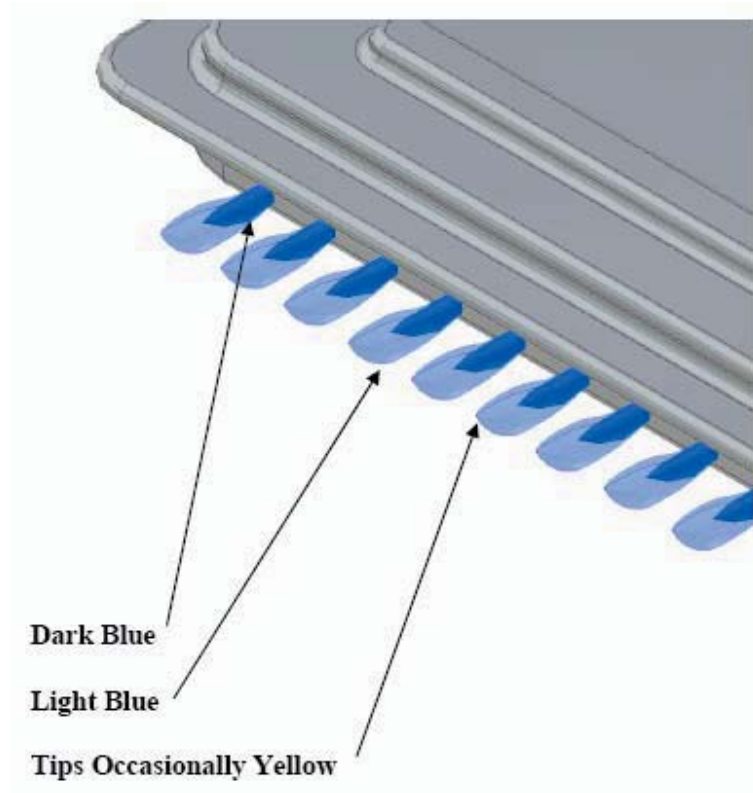
Arms will drop into slots.



To refold; step on bottom rail to push arms above slots.  
Fold back into position.

## BURNER FLAME PATTERN

The burner has been factory set for the correct air and as mixture. The correct flame pattern is shown below.



## INSTALLING GRILL HANDLES



Install the Handles (1) to the Bottom Bowl (2) by Caps (3), Flat Washers (4), Spring Washers (5) and Screws (6).

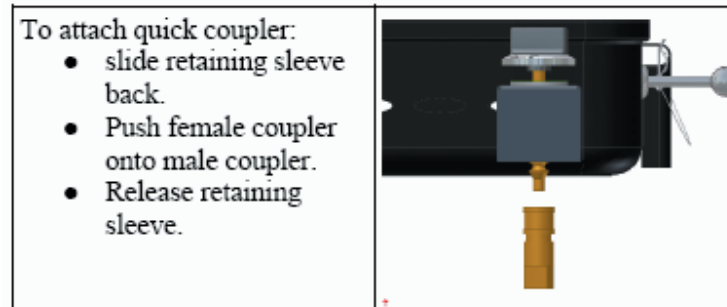
### Setting Up Your Grill

Remove your grill from all interior and exterior packaging.

Hold bracket at a 45 degree angle & drop attachment over white aluminum strip.

Always make sure the cooking area is free from combustible material.

Attach the hose assembly to your grill using the quick coupler.



## HORIZONTAL POSITION

(See Figure A)

1. Hang bracket on white aluminum mounting strip located on side of RV.
2. Open 2 folding arms on bracket, make sure they lock in position.
3. Slide grill onto 2 arms, make sure grill is fully on arms, against stops.
4. Insert retaining pins into arms
5. To remove grill, simply slide off of bracket arms.

**⚠ DANGER** -Do not put grill in storage or travel mode immediately after use. Allow grill to cool to touch before moving or storing. Failure to do so could result in fire resulting in property damage, personal injury or death.



Figure 'A'  
Horizontal Position

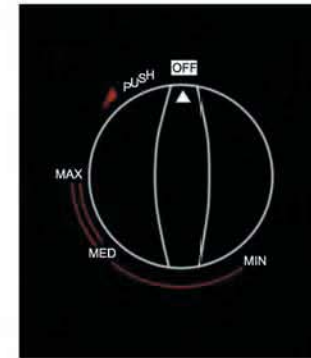
## LIGHTING THE GRILL

Check to make sure the control knob is in the OFF position.

Open hood.

Push down and rotate counterclockwise to HIGH.

Using a grill lighter or match, light the burner through the lighting hole located on the bottom of the grill.



Once burner is lit, adjust control valve to desired cooking temperature.

**⚠ DANGER** Always open hood before turning on gas and lighting burner, failure to open the hood before lighting could cause an explosion causing property damage, injury, or even death.

**⚠ WARNING** If burner flame is accidentally extinguished during operation, turn off gas supply immediately by pushing knob down and rotating clockwise to Off position.

## BILL OF MATERIALS

The following diagram are the required parts necessary for safe operation.

Should any of these parts be missing prior to installation, please contact:

**National Supply, LLC**  
**2200 Industrial Parkway**  
**Elkhart, IN 46516**  
**1-574-295-9200**

**Noting the part description &  
model number YH1801RV-1**

