



USER GUIDE

360-Degree Portable Propane Heater

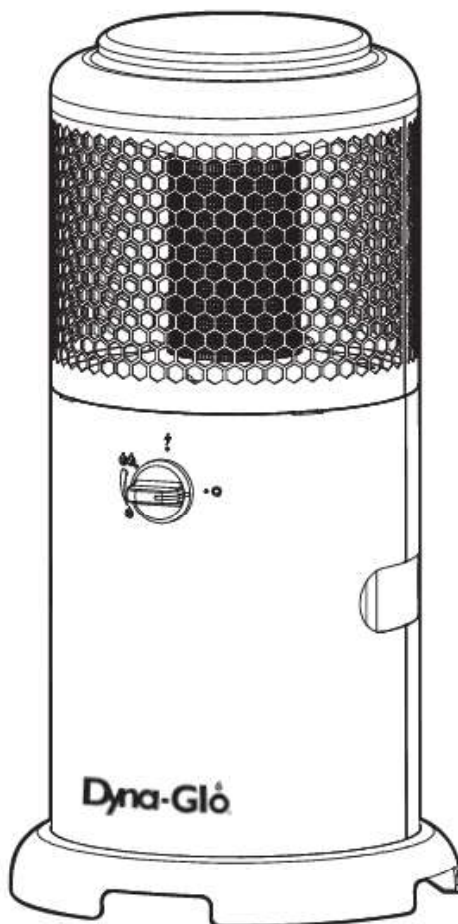
Model # FL11360DG



READ INSTRUCTIONS CAREFULLY:

Read and follow all instructions. Place instructions in a safe place for future reference. Do not allow anyone who has not read these instructions to assemble, light, adjust or operate the heater.

360-DEGREE PORTABLE PROPANE HEATER FOR OUTDOOR, EMERGENCY INDOOR, AND RECREATIONAL ENCLOSURES FOR US SALE EXCEPT MASSACHUSETTS



⚠ WARNING

FIRE OR EXPLOSION
HAZARD

CARBON MONOXIDE
POISONING MAY CAUSE
DEATH OR INJURY



ANSI Z21.103 - 2017
Unvented portable type gas
camp heaters for indoor and
outdoor use



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 1-877-447-4768, 8:00 a.m. – 4:30 p.m., CST, Monday – Friday or e-mail us at customerservice@ghpgroupinc.com.

FL11360DG_EN_RFF

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WARNING

WARNING

FIRE OR EXPLOSION HAZARD

If you smell gas:

1. Do not attempt to light appliance.
2. Extinguish any open flame.
3. Disconnect fuel supply.
4. Leave the area immediately.
5. Allow gas to dissipate 5 minutes before relighting the appliance.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. A propane cylinder not connected for use shall not be stored in the vicinity of this or any other appliance. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury, or death.

WARNING

CARBON MONOXIDE POISONING MAY CAUSE DEATH OR INJURY

When used without adequate combustion and ventilation air, heater may give off excessive CARBON MONOXIDE, an odorless, poisonous gas. This is an unvented gas-fired heater. The heater uses air (oxygen) from the area in which the heater is used. Adequate combustion and ventilation air must be provided. (Refer to page 4)

This heater is equipped with a SAFETY SYSTEM designed to turn off the heater if not enough fresh air is available.

DO NOT TAMPER WITH THE SAFETY SYSTEM!

If the heater shuts off, do not relight until you provide fresh air. If heater keeps shutting off, have the heater serviced. Keep burner and control compartment clean.

WARNING

WARNING

Every time hose or tank is connected to unit, connection must be checked for leaks in one or more ways: Apply soapy water to connection, look for bubbles, listen for hiss of escaping gas, feel for extreme cold, smell for rotten egg odor. Do not use if leaking!

Any changes to this heater or its controls can be dangerous.

Early signs of carbon monoxide poisoning resemble the flu, with headache, dizziness and/or nausea. If you have these signs, heater may not be working properly. Get fresh air at once! Have heater serviced.

Some people - pregnant women, persons with heart or lung disease, anemia, those under the influence of alcohol, those at high altitudes - are more affected by carbon monoxide than others. If the recreational or commercial enclosure does not have a window or roof vent that is open, DO NOT USE THIS HEATER inside.

WARNING

This product and the fuels used to operate this product (propane), and the products of combustion of such fuels, can expose you to chemicals including benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.p65Warnings.ca.gov

EMERGENCY INDOOR USE IS DEFINED AS:

1. The permanent heating system is temporarily out of service.
2. Heat is necessary to prevent damage to the property or contents.
3. The temporary heating equipment is not left unattended.
4. The minimum opening area for ventilation of fresh supply air must be 11 square inches at the floor level and 11 square inches at the ceiling level (An opening of 3.4 inches x 3.4 inches).
5. The portable heater used shall be discontinued and removed from the building at the time the permanently installed appliances are placed back in operation.
6. Do not leave this appliance unattended while it is in operation. Keep children and pets away from appliance at all times.

NOTICE: Not for use in a "dwelling home" in California
Never use these heaters in a bedroom or bathroom.

General Information

- This 360-Degree Portable Propane Heater is safe for indoor use in small recreational enclosures, having means for providing combustion air and ventilation, such as enclosed porches, cabins, fishing huts, trailers, tent trailers, tents, truck caps and vans. It may be used for emergency indoor heating when connected to a disposable 1 lb. propane cylinder and for indoor use in commercial enclosures, having means for providing combustion air and ventilation, such as construction trailers or temporary work enclosures
- When the 360-Degree Portable Propane Heater is cold or at room temperature, it will take a few minutes for the burner to turn bright orange. This is normal and the heater is working properly. Also, during the initial lighting, the oil used during manufacturing process needs to burn off. This can take up to 60 minutes of continuous burning. Some odor and yellow flames may occur during this time but will diminish after the burn-in period.
- It is recommended not to use the 360-Degree Portable Propane Heater in windy conditions. The 360-Degree Portable Propane Heater may flutter reducing the effectiveness of the appliance and could have excessive pilot outages.
- When moving the 360-Degree Portable Propane Heater when lit or bumping heater setting it down, tip over switch may shut off heater. If this happens, re-light.
- Operating time will vary depending on the heater setting and the supply cylinder size. See chart and "Cold Weather Operations" section.
- **NOTE: This heater may be operated with disposable 1lb. propane cylinders or with (1) remote refillable propane cylinder max. 20 lbs using kit # HAKITDG which includes a 12' propane hose and fuel filter (sold separately)**

COLD WEATHER OPERATION:

- Cold weather is generally defined as ambient temperatures below 32 °F.
- 1 lb. propane cylinders have difficulty producing sufficient gas at lower temperatures and can "freeze-up", reducing the time of operation by as much as 50-70%. For this reason, it is recommended to use only 20 lb. propane tanks under these conditions.
- If a 1 lb. tank is used in cold weather, such as in an ice fishing hut, following are some operating suggestions;
 1. Expect operating times to be significantly reduced.
 2. Never set the 360-Degree Portable Propane Heater directly on the ice. Set the heater on a rigid piece of flame retardant insulation and make sure the ventilation slots on the bottom of the 360-Degree Portable Propane Heater are not obstructed.
 3. Elevate the 360-Degree Portable Propane Heater slightly above the ground level. Insure the unit is level and secure and cannot be knocked over.
 4. Adequate ventilation and combustion air must be provided.
 5. Maintain all clearances as specified in the chart below.

WARNING

Carefully watch the 360-Degree Portable Propane Heater for signs of the 1 lb. cylinder "freezing-up". If the lower portion of the burner starts to turn from orange to blue and begins sputtering immediately shut off the heater and remove it from any enclosure.

SPECIFICATIONS

MODEL NO..... FL11360DG
 GAS TYPE PROPANE
 INPUT BTU/HR. FL Series 8,000 - 11,000
 MAX. SUPPLY PRESSURE..... BOTTLE PRESSURE
 CLEARANCE TO COMBUSTIBLES
 TOP 31 IN. (787 mm)
 FRONT 20 IN. (508 mm)
 SIDES 20 IN. (508 mm)
 REAR 20 IN. (508 mm)

CAUTION

Some linoleum surfaces may discolor if heater is placed directly on these floor coverings.

Cylinder Size	Operating Time
	Dyna-Glo (11K)
One 1 lb. cylinder	2 hrs (high) - 3 hrs (low)
One 20 lb. cylinder	39 hrs (high) - 54 hrs (low)

Safety Precautions

THIS IS A HEATING APPLIANCE. DO NOT OPERATE THIS APPLIANCE WITHOUT THE WIRE GUARD INSTALLED. DO NOT ATTEMPT TO WARM OR COOK FOOD ON THIS HEATER.

- Do not use non-approved attachments on this 360-Degree Portable Propane Heater.
- Due to high temperatures, the appliance should be located out of traffic and away from combustible materials.
- Children and adults should be alerted to the hazard of high surface temperatures and should stay away to avoid burns or clothing ignition.
- Young children should be carefully supervised when they are near the appliance.
- Do not place clothing or other flammable material on or near the appliance.
- Do not operate 360-Degree Portable Propane Heater in any moving vehicle.
- This heater can be used in a recreational or commercial enclosure with a window or roof vent. It may also be used outdoors.
- The minimum opening area for ventilation of fresh supply air must be 11 square inches at the floor level and 11 square inches at the ceiling level (An opening of 3.4 inches x 3.4 inches)
- Gas pressure at heater is regulated and fixed at 11" w.C. When using a remote hose connection to heater regulator(s), do not regulate or reduce propane tank supply pressure to heater.
- Regulator(s) in heater must always be in place during operation.
- Any guard removed for servicing the appliance must be replaced prior to operating the 360-Degree Portable Propane Heater.
- The appliance should be inspected before each use. Frequent cleaning may be required. The control compartments, burner(s) and circulating air passageways of the appliance must be kept clean, see MAINTENANCE.
- DO NOT use this 360-Degree Portable Propane Heater if any part has been under water. Immediately call a qualified service technician to inspect the heater and to replace any part of the control system and any gas control which has been under water.
- When used without adequate combustion and ventilation air, this 360-Degree Portable Propane Heater may give off excessive CARBON MONOXIDE, an odorless, poisonous gas.
- Some people - pregnant women, persons with heart or lung disease, anemia, those under the influence of alcohol, those at high altitudes - are more affected by carbon monoxide than others.
- Cylinders must be disconnected when the 360-Degree Portable Propane Heater is not in use.
- When the 360-Degree Portable Propane Heater is placed on the ground, make sure the ground is level and keep any objects at least 15" from the edge of the 360-Degree Portable Propane Heater. This 360-Degree Portable Propane Heater is equipped with a tip over switch that will shut the 360-Degree Portable Propane Heater off if it tips over. However, do not leave it unattended or where children may cause the heater to tip over. Never operate the 360-Degree Portable Propane Heater while sleeping!
- Keep remote 20 lb. refillable cylinders at least 6 ft. away from the 360-Degree Portable Propane Heater at all times.
- Do not leave this appliance unattended while it is in operation. Keep children and pets away from the appliance at all times.
- This 360-Degree Portable Propane Heater can be used in a recreational enclosure only if the enclosure has a window or roof vent.

Tank Installation Instructions

TANK INSTALLATION FOR DOT CERTIFIED 1 LB. PROPANE CYLINDER(S) (FIG. 1)

- Locate regulator as shown in figure 1.
- Attach cylinder(s) to regulator by gently turning clockwise until it is hand tight. Do not overtighten. Do not use tools to tighten.
- Check for gas leaks by using a 50% soap-water solution at all threaded connections.

TANK INSTALLATION FOR 20 LB. PROPANE CYLINDER (FIG. 1B) Using hose and filter kit (HAKITDG) sold separately

- Locate regulator as shown in figure 1b.
- Attach Hose and Fuel Filter, Model HAKITDG to regulator by gently turning clockwise until it is hand tight. Do not over tighten. Do not use tools to tighten.
- Attach hose end adapter (No. HAKITDG) to fuel filter by gently turning clockwise until it is hand tight. Attach other end of hose to the LP cylinder. Do not overtighten. Do not use tools to tighten.
- Make sure heater control knob is in the OFF "O" position. Open the LP cylinder valve and check for leaks by using a 50% soap-water solution at all threaded connections.
- Make sure the hose is routed through the cutout on the underside.

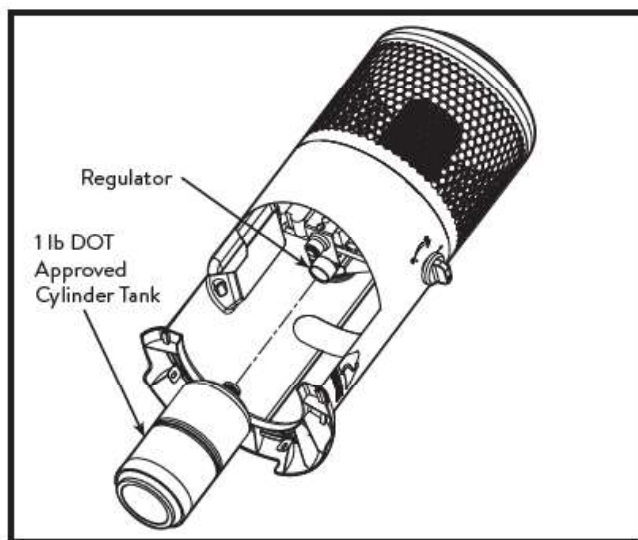


Fig. 1 - 1 lb. Cylinder Tank Installation

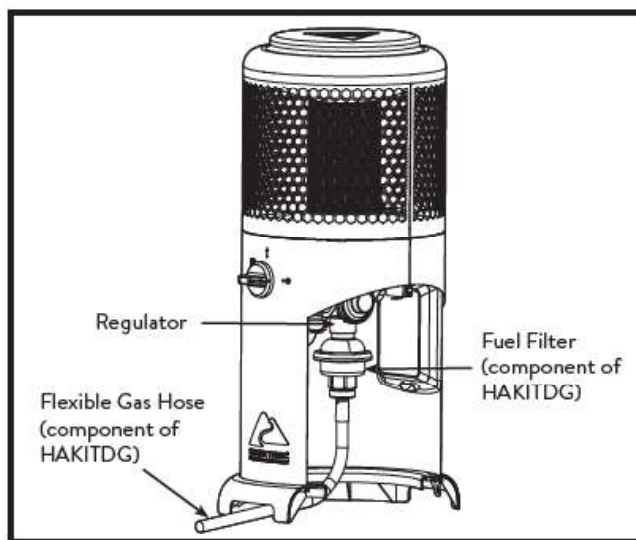


Fig. 1b - Remote Tank Installation

Optional Propane Accessories

ADDITIONAL INFORMATION REGARDING OPTIONAL ACCESSORIES TO CONNECT A 20 LB LP TANK

- Please note: this 360-Degree Portable Propane Heater may be operated with (1) remote refillable propane cylinder max. 20 lbs.
- Non-certified or handmade hoses and adapters may not be used to connect a 20 lb. propane tank.
- The use of a fuel filter is also recommended but not mandatory. The fuel filter can reduce potential contaminants from the 20 lb. LP tank/hose and extend the life of the heater.
- We recommend using the 20 lb. tank connection kit model# HAKITDG, which includes (1) 12' extension hose and (1) fuel filter (sold separately).

EMERGENCY INDOOR USE

- Adequate combustion air and ventilation must be provided when the appliance is in use. Refer to General Safety Instructions on Page 4 for additional information.
- When using the 360-Degree Portable Propane Heater for Emergency Indoor Use, use only disposable 1 lb. cylinders, marked as PROPANE.
- NEVER bring a refillable propane cylinder indoors. A fire or explosion can occur causing property damage, serious injury, or death.
- The LP-gas cylinder(s) must be constructed and marked in accordance with the specifications for LP-gas cylinders of the U.S. Department of Transportation (DOT).
- Not for use in a Bedroom or Bathroom.
- Do not leave this appliance unattended while it is in operation. Keep children and pets away from appliance at all times.

Lighting Instructions

LIGHTING, OPERATION, AND SHUTDOWN INSTRUCTIONS

Unvented Portable Type Heaters Must Not be Exposed to Flammable Vapors or Liquids.

1. Make sure the control knob is in the OFF "O" position.
2. Insert AAA battery (included) from the bottom base into the battery compartment as shown in figure 2.
3. Install the one pound cylinder(s) as described on page 5. Check for gas leaks by using a 50% soap-water solution at all connection points.
4. Depress and rotate the knob to the PILOT "⚡" position. Once in the PILOT "⚡" position, depress the knob and the electronic ignition will activate to ignite the pilot. It may take up to 2 minutes for any air to purge from the fuel line before the pilot will light.
5. Continue holding the knob down in the PILOT "⚡" position for 30 seconds or until pilot flame holds.
6. Release the knob. The knob should return to the fully extended position and the pilot should remain lit.
7. Turn on the burner by gently turning the knob to the HI "🔥🔥" position.
8. Adjust heat output by turning the knob between HI "🔥🔥" and LOW "🔥" position.
9. To shut down the heater depress and rotate the knob clockwise to the OFF "O" position and remove the gas cylinder or close the propane tank shut off valve and allow the heater to burn off the gas in the hose, then turn the heater knob to the OFF "O" position.

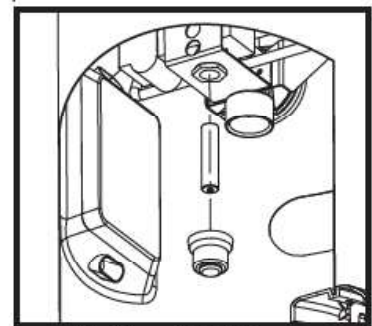


Fig. 2 Insert AAA Battery

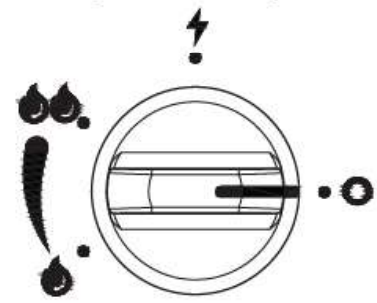


Fig. 3
Lighting Control Panel

Lighting Instructions - Continued

CAUTION

Do not try to adjust heating levels by using the propane tank shutoff valve. After turning the 360-Degree Portable Propane Heater off the guard will remain hot. Allow the 360-Degree Portable Propane Heater to cool down before storing the heater.

Do not operate, store, connect or remove cylinder/hose connection near flammable items or ignition sources.

LIGHTING / OPERATING INSTRUCTIONS FOR USE WITH HOSE(S) CONNECTED TO A REMOTE CYLINDER, MAXIMUM SIZE 20 LBS:

- This 360-Degree Portable Propane Heater may be used in a recreational enclosure or temporary construction work enclosure with a remote refillable propane cylinder ONLY when the cylinder is located outdoors and the 360-Degree Portable Propane Heater is used with Hose Adapter No. HAKITDG.
- Hose Adapter No. HAKITDG includes a hand-tightening tank connector, a fuel filter and a #600 hose connector fitting.

WARNING

NEVER bring a refillable propane cylinder indoors. A fire or explosion can occur causing property damage, serious injury or death!

- Inspect the hose before each use of the 360-Degree Portable Propane Heater. If there is excessive abrasion or wear, or the hose is cut, replace prior to using the heater with Hose Adapter No. HAKITDG.
- The propane cylinder must include a listed overfilling protection device as well as a collar to protect the cylinder valve.
- The 360-Degree Portable Propane Heater must be in an upright position during operation.
- Connect propane as described on page 5.
- Open valve at LP-gas supply cylinder.
- Check all hose connections for leaks with soapy water at all threaded connection points and at the LP-gas supply cylinder. SEE WARNING! ON ATTACHED LABELS.
- Follow the instructions for lighting the 360-Degree Portable Propane Heater as defined in steps 1 through 8 on the previous page.

LIGHTING IN WINDY AREAS

1. Position the 360-Degree Portable Propane Heater such that the Pilot is opposite the direction that the wind is coming from. See figure 4.
2. Position your body behind the 360-Degree Portable Propane Heater such that your body blocks the wind while you are following the instructions for lighting the unit.

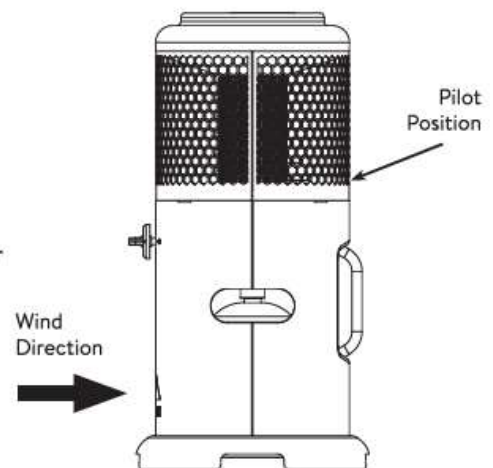


Fig. 4
Lighting in Windy Areas

Important Notice

REGARDING THIRD PARTY ATTACHMENTS TO ALL DYNA-GLO MODELS

Our products can be found at most major home centers, hardware stores and Internet retailers across North America. These heaters, which are sold under the Dyna-Glo brand feature an Oxygen Depletion Sensor ("ODS"), which shuts off the heater if the oxygen in the room gets below a certain point and a tip-over safety switch that turns it off in the event of it being knocked on its side. These features allow the heater to be safely used during numerous outdoor activities.

We recognize the many different third party attachments for the Dyna-Glo 360-Degree Portable Propane Heater and is aware of their intended purpose of using the Dyna-Glo heater to heat or cook food. We strongly encourage that these third party attachments NOT be used as they are neither certified, nor safe to be used to warm or cook food of any kind. Dyna-Glo Heaters are not certified as a cooker and are not designed to operate in this manner. We explicitly prohibit the use of any type of non-approved attachments with our Dyna-Glo heaters.

WARNING

This product is a heater. It is certified to ANSI Z21.103 - 2017 Unvented portable type gas camp heaters for indoor and outdoor use

This product is NEVER to be used for the cooking or warming of foods as doing so can interfere with the safety systems of the heater, which may result in a fire, explosion, the production of deadly carbon monoxide, and personal injury or death to you or others. NEVER use hand-made or third party accessories or attachments with this heater; this is extremely dangerous and may result in personal injury or death to you or others

CAUTION

- After turning the 360-Degree Portable Propane Heater off, wire guard will remain hot. Allow to thoroughly cool before moving or storing.
- When not in use, the gas must be turned off at the LP gas supply cylinder. As stated before allow the 360-Degree Portable Propane Heater to use up propane in supply line until heater shuts off. When the LP-gas supply cylinder is not disconnected from the 360-Degree Portable Propane Heater, the cylinder must be stored outdoors, in a well ventilated space, out of reach of children, and must not be stored in a building, garage or any other enclosed area. Disconnect all cylinders when the 360-Degree Portable Propane Heater is not in use.
- Indoor storage of the 360-Degree Portable Propane Heater is permissible only if the cylinder is disconnected and removed from the 360-Degree Portable Propane Heater. Cylinders must be stored outdoors out of the reach of children and must not be stored in a building, garage or any other enclosed area.

Both the 1 lb. and 20 lb. cylinders must be in an upright position during use to insure proper vapor withdraw.

1 lb. cylinders must be Dept. of Transportation (DOT) constructed and approved and have an outlet connection compatible with a CGA 600 fitting.

Maintenance

Always keep the heater area clear and free from combustible materials, gasoline and other flammable vapors and liquids. Keep the vent areas (slots in the bottom and the top at the front of heater) clear at all times so combustion air and ventilation is not obstructed. Visually inspect the pilot flame and burner periodically during use so combustion air and ventilation is not obstructed. The pilot flame should be blue in color (not yellow) and will extend beyond the thermocouple. The flame will surround the thermocouple just below the tip, see Figure 5. A slight yellow flame may occur where the pilot flame and main burner flame meet. The burner(s) should be bright orange (with a slight blue color around the border, a red-orange haze that is visible on the burner is acceptable) and without a noticeable flame. A blue flame that rolls out at the top indicates an accumulation of dust, lint or spider webs inside the main burner assembly. The burner should glow red/orange with some small blue/orange flames around the outside. Flames should never extend beyond the protective screen. If the pilot is yellow or the burner has a noticeable flame, cleaning may be required. Use the following procedure to inspect main burner assembly. It is necessary to periodically check the burner(s) orifice and burner venturi tube to make sure they are clear of insects/nests or spider webs that may accumulate over time. It is strongly recommended that these maintenance instructions be performed annually. A clogged tube can lead to a fire.

1. Allow the 360-Degree Portable Propane Heater to thoroughly cool before performing any maintenance.
2. Remove the disposable 1 lb. cylinder(s) from the 360-Degree Portable Propane Heater or turn OFF gas supply at remote cylinder valve, and disconnect hose from the 360-Degree Portable Propane Heater.
3. Inspect interior of the casing assembly for accumulation of dust, lint or spider webs. If necessary, clean the interior of the casing assembly with a vacuum cleaner or apply air pressure. Do not damage any components within the casing assembly when you are cleaning.
4. Inspect and clean the main burner orifice located at bottom of the burner venturi tube by using a vacuum or apply air pressure at the orifice opening.
5. Inspect and clean the pilot (mounted to bracket) by using a vacuum or apply air pressure through the holes in the pilot indicated by the arrows in Figure 5.

WARNING

Never use needles, wires, or similar cylindrical objects to clean the pilot to avoid damaging the calibrated orifice that controls the gas flow.

6. Apply air pressure into burner assembly to remove dust, lint or spider webs.
7. Reinstall back panel.

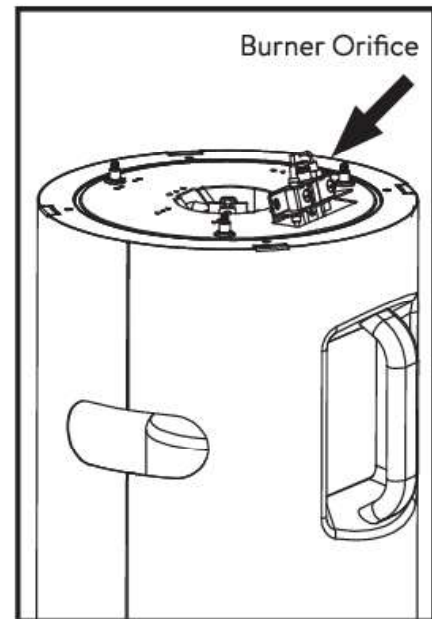


Fig. 5
Burner Orifice Location

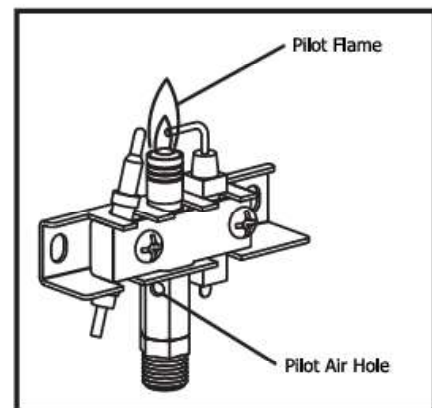


Fig. 6
Pilot Assembly

Troubleshooting

⚠ WARNING

If you smell gas:

- Do not attempt to light appliance.
- Extinguish any open flame.
- Disconnect fuel supply.
- Leave the area immediately.
- Allow gas to dissipate 5 minutes before relighting the appliance

IMPORTANT: Operating heater where impurities in air exist may create odors. Cleaning supplies, paint, paint remover, cigarette smoke, cements and glues, new carpet or textiles, etc., create fumes. These fumes may mix with combustion air and create odors.

⚠ WARNING

Turn off and let cool before servicing. Only a qualified service person should service and repair heater.

⚠ CAUTION

Never use a wire, needle, or similar object to clean ODS/pilot. This can damage ODS/ pilot unit.

Problem	Cause	Solution/Prevention
When igniter knob is turned, there is no spark at ODS/pilot.	Igniter electrode is positioned wrong.	Replace electrode.
	Igniter electrode is broken.	Replace electrode.
	Igniter electrode is not connected to igniter cable.	Replace igniter cable.
	Igniter cable is pinched or wet.	Free igniter cable if pinched by any metal or tubing. Keep igniter cable dry.
	Damaged igniter cable.	Replace igniter cable.
When igniter knob is turned, there is a spark at ODS/pilot but no ignition.	Tank shutoff valve is closed.	Turn on gas supply valve.
	Control knob not fully pressed in while pressing igniter button.	Fully press in control knob while pressing igniter button.
	Air in gas lines when installed.	Continue holding down control knob. Repeat igniting operation until air is removed.
	ODS / pilot is clogged.	Clean ODS/pilot (see Care and Maintenance on page 9) or replace ODS/pilot assembly.
	Control knob not in PILOT position.	Turn control knob to PILOT position.
	Depleted gas supply (propane)	Purchase new tank or refill 20 lb tank.
ODS/pilot lights but flame goes out when control knob is released.	Control knob is not fully pressed in.	Press in control knob fully
	Control knob is not pressed in long enough.	After ODS/pilot lights, keep control knob pressed in 30 seconds.
	Equipment shutoff valve is not fully open.	Fully open equipment shutoff valve.
	Thermocouple connection is loose.	Hand tighten until snug, and then tighten ¼ turn more.
	Thermocouple damaged.	Replace thermocouple.
	Control valve damaged.	Contact customer service.

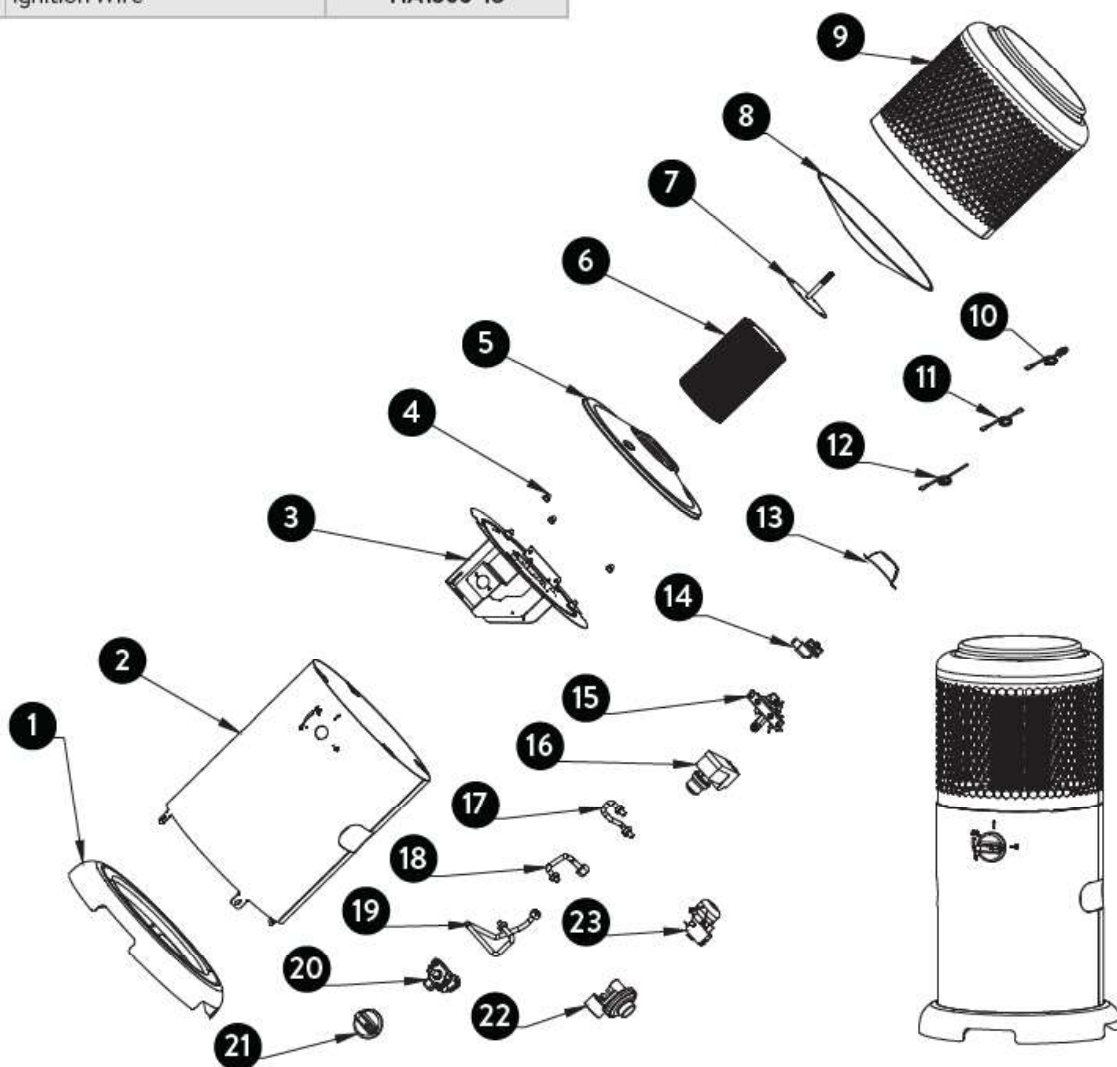
Troubleshooting - Continued

Problem	Cause	Solution/Prevention
Burner(s) does not light after ODS/pilot is lit.	Burner orifice is clogged.	Clean burner orifice (see Care and Maintenance on page 9) or contact customer service.
	Burner orifice diameter is too small.	Contact customer service.
	Inlet gas pressure is too low.	Change tanks.
Burner backfiring during combustion.	Burner orifice is clogged or damaged.	Clean burner orifice (see Care and Maintenance on page 9) or contact customer service.
	Burner is damaged.	Contact qualified service technician.
	Gas regulator is damaged.	Contact qualified service technician.
High yellow flame during burner combustion	Not enough air.	Check burner for dirt and debris. If found, clean burner (see Care and Maintenance on page 9).
	Gas regulator is defective	Contact qualified service technician.
Gas odor during combustion.	Foreign matter between control valve and burner.	Contact qualified service technician.
	Gas leak. (See Warning Statement on page 2).	Locate and correct all leaks.
Heater produces a clicking/ticking noise just after burner is lit or shut off.	Metal is expanding while heating or contracting while cooling.	This is common with most heaters. If noise is excessive, contact qualified service technician.
Heater shuts off in use (ODS operates).	Not enough fresh air is available.	Open window and/or door for ventilation.
	Low line pressure.	Contact qualified service technician.
	ODS/pilot is partially clogged.	Clean ODS/pilot (see Care and Maintenance on page 9).
Gas odor exists even when control knob is in OFF position.	Gas leak. See Warning Statement on page 2.	Locate and correct all leaks (see "Checking Gas Connections" page 4).
	Control valve is defective.	Contact qualified service technician.
Moisture/condensation noticed on windows.	Not enough combustion/ventilation air.	Refer to "Air for Combustion and Ventilation" requirements, page 4.
Slight smoke or odor during initial operation	Residues from manufacturing process.	Problem will stop after a few hours of operation.

Parts List

Part	Description	Part #
1	Plastic Base	GG11K-01
2	Metal Base	GG11K-02
3	Heat Shield Assy	GG11K-03
4	Nut Cap	M4
5	Reflector Lower	GG11K-04
6	Burner Assy	GG11K-05
7	Burner Connector	GG11K-06
8	Reflector Upper	GG11K-07
9	Wire Guard	GG11K-08
10	Wire for Solenoid Valve	RA18K-20
11	Internal Wire	GI35D-17
12	Ignition Wire	HA1360-18

Part	Description	Part #
13	Wind Shield	HA1360-09
14	Nozzle Assy	GG11K-13N
15	Pilot Assy	HA1360-08
16	Pulse Igniter	GG11K-09
17	Gas Inlet Tube	GG11K-10
18	Gas Outlet Tube	GG11K-11
19	Pilot Gas Tube	GG11K-12
20	Valve Assy	GS29A-GG11K-SMT
21	Control Knob	HA1360-22
22	Regulator	GR-135-GG11K-SMT
23	Tip Over Switch	HA1360-17



WARRANTY

LIMITED WARRANTY:

This limited warranty is extended to the original retail purchaser of this Forced Air/Convection/Radiant Heater and warrants against any defect in materials and workmanship for a period of one (1) year from the date of retail sale (lifetime warranty for the brass nozzle burner only). GHP Group, Inc., at its option, will either provide replacement parts or replace or repair the unit, when properly returned to the retailer where purchased or one of our service centers as directed by GHP Group, Inc., within one (1) year of retail purchase. (Shipping costs, labour costs, etc. are the responsibility of the purchaser.)

DUTIES OF THE OWNER:

This heating appliance must be operated in accordance with the written instructions furnished with this heater. This warranty shall not excuse the owner from properly maintaining this heater in accordance with the written instructions furnished with this heater. A bill of sale, canceled check or payment record must be kept to verify purchase date and establish warranty period. Original carton should be kept in case of warranty return of unit.

WHAT IS NOT COVERED:

1. Damage resulting from use of improper fuel.
2. Damage caused by misuse or use contrary to the owners manual and safety guidelines.
3. Damage caused by a lack of normal maintenance.
4. Fuses
5. Use of non-standard parts or accessories.
6. Damage caused in transit. Freight charges on warranty parts or heaters to and from the factory shall be the responsibility of the owner.

This warranty does not imply or assume any responsibility for consequential damages that may result from the use, misuse, or the lack of routine maintenance of this heating appliance. A cleaning fee and the cost of parts may be charged for appliance failures resulting from lack of maintenance. This warranty does not cover claims which do not involve defective workmanship or materials. **FAILURE TO PERFORM**

GENERAL MAINTENANCE (INCLUDING CLEANING) WILL VOID THIS WARRANTY.

THIS LIMITED WARRANTY IS GIVEN TO THE PURCHASER IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THE REMEDY PROVIDED IN THIS WARRANTY IS EXCLUSIVE AND IS GRANTED IN LIEU OF ALL OTHER REMEDIES. IN NO EVENT WILL GHP GROUP, INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

CLAIMS HANDLED AS FOLLOWS:

1. Contact your retailer and explain the problem.
2. If the retailer is unable to resolve the problem, contact our Customer Service Dept. detailing the heater model, the problem, and proof of date of purchase.
3. A representative will contact you. **DO NOT RETURN THE HEATER TO GHP GROUP, INC.** unless instructed by our Representative. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

WARRANTY REGISTRATION

IMPORTANT: We urge you to fill out your warranty registration within fourteen (14) days of date of purchase. You can register your warranty on the internet at www.ghpgroupinc.com



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