



VENTED DECORATIVE NATURAL GAS LOG APPLIANCE OWNER'S OPERATION AND INSTALLATION MANUAL

TESTED AND
LISTED BY



RGA 2-72 Approved



We recommend that our products be installed and serviced by professionals who are certified in the U.S. by NFI (National Fireplace Institute).

www.nficertified.org

**MODELS PHK18, PHK24, PHK30,
BCS18, BCS24 AND BCS30**

These logs are approved by the manufacturer for installation in listed indoor and outdoor solid fuel burning fireplaces. See warranty for additional information.

⚠ WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.

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SAFETY

⚠ WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

⚠ WARNING: This appliance is for installation only in a solid-fuel burning masonry or UL127 factory-built fireplace, constructed of noncombustible material and connected to a working flue. (See page 6 for minimum flue opening.)

⚠ WARNING: This is a gas-fired heater. It uses air (oxygen) from the room in which it is installed. Provisions for adequate combustion and ventilation air must be provided. Refer to the *National Fuel Gas Codes, ANSI Z233.1/ NFPA 54, Air for Combustion and Ventilation*.

This appliance may be installed in an aftermarket,* permanently located, manufactured (mobile) home, where not prohibited by local codes.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases.

* Aftermarket: Completion of sale, not for purpose of resale, from the manufacturer

State of Massachusetts: The installation must be made by a licensed plumber or gas fitter in the Commonwealth of Massachusetts.

⚠ WARNING: This product contains and/or generates chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

⚠ WARNING: Keep flue open when operating unit.

IMPORTANT: Read this owner's manual carefully and completely before trying to assemble, operate or service this log set. Improper use of this log set can cause serious injury or death from burns, fire, explosion, electrical shock and carbon monoxide poisoning.

SAFETY

Continued

⚠ DANGER: Carbon monoxide poisoning may lead to death!

Carbon Monoxide Poisoning: Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness or nausea. If you have these signs, the log set may not be working properly. Get fresh air at once! Have log set serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, people with heart or lung disease or anemia, those under the influence of alcohol and those at high altitudes.

Natural Gas: Natural gas is odorless. An odor-making agent is added to the gas. The odor helps you detect a gas leak. However, the odor added to the gas can fade. Gas may be present even though no odor exists.

Make certain you read and understand all warnings. Keep this manual for reference. It is your guide to safe and proper operation of this log set.

⚠ WARNING: Any change to this log set or its controls can be dangerous.

⚠ WARNING: Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this appliance.

⚠ WARNING: This appliance is equipped for natural gas. Field conversion is not permitted.

⚠ WARNING: Do not allow fans to blow directly into the fireplace. Ceiling fans can create drafts that alter burner flame patterns. Avoid any drafts that alter burner flame patterns.

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

Do not place clothing or other flammable material on or near the appliance. Never place any objects on the appliance.

Log set becomes very hot when running. Keep children and adults away from hot surface to avoid burns or clothing ignition. Appliance will remain hot for a time after shutdown. Allow surface to cool before touching.

Carefully supervise young children when they are in the room with appliance.

You must operate this heater with a fireplace screen in place. Make sure fireplace screen is closed before running heater.

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

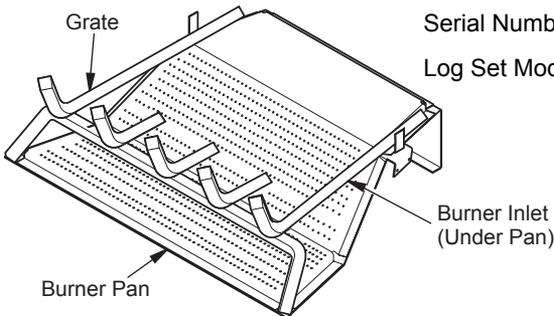
1. This appliance, as supplied, is for use with NATURAL GAS ONLY, as indicated on rating plate. This appliance is NOT convertible for use with propane/LP gas.
2. If you smell gas
 - shut off gas supply
 - do not try to light any appliance
 - do not touch any electrical switch; do not use any phone in your building
 - immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions
 - if you cannot reach your gas supplier, call the fire department

SAFETY

Continued

3. Never install log set
 - in a recreational vehicle
 - where curtains, furniture, clothing, or other flammable objects are less than 42" from the front, top, or sides of the log set
 - in high traffic areas
 - in windy or drafty areas
 - in bedroom or bathroom
4. Before installing in a solid fuel burning fireplace, chimney flue and firebox must be cleaned of soot, creosote, ashes and loose paint by a qualified chimney cleaner. Creosote will ignite if highly heated. Inspect chimney flue for damage. If damaged, repair flue before operating heater.
5. To reduce creation of soot, follow instructions in Cleaning and Maintenance, page 10.
6. Installation and provisions for combustion and ventilation air must conform with the *National Fuel Gas Code, ANSI Z223.1/NFPA 54, Air for Combustion and Ventilation*.
7. Do not run log set
 - where flammable liquids or vapors are used or stored
 - under dusty conditions
8. Do not burn solid fuel in fireplace after installing log set. Do not use this log set to cook food or burn paper or other objects.
9. To help prevent breakage, new logs must be broken in (see Curing Logs page 10).
10. Turn log set off and let cool before servicing, installing, or repairing. Only a qualified service person should install, service, or repair log set.
11. Provide adequate clearances around air openings.

PRODUCT IDENTIFICATION



Hearth Kit Model _____

Serial Number _____

Log Set Model _____

Figure 1 - Product Identification (Ramp Pan Burner)

LOCAL CODES

Install and use log set with care. Follow all local codes. In the absence of local codes, use the latest edition of the *National Fuel Gas Code ANSI Z223.1/NFPA 54**.

*Available from:

American National Standards Institute, Inc.
1430 Broadway
New York, NY 10018
National Fire Protection Association, Inc.
Batterymarch Park
Quincy, MA 02269

UNPACKING

⚠ CAUTION: Do not remove the data plates from the burner pan. The data plates contain important warranty and safety information.

1. Remove logs, hearth kit, pan materials, and hardware from carton.
2. Remove all protective packaging applied to logs and base for shipment.
3. Check heater for any shipping damage. If heater is damaged call DESA Heating, LLC at 1-866-672-6040 for replacement parts before returning to dealer.

INSTALLATION

⚠ WARNING: Before installing in a solid fuel burning fireplace, the chimney flue and firebox must be cleaned of soot, creosote, ashes and loose paint by a qualified chimney cleaner. Creosote will ignite if highly heated. A dirty chimney flue may create and distribute soot within the house. Inspect chimney flue for damage. If damaged, repair flue before operating heater.

NOTICE: Installation, service, and repair of this appliance must be performed by a qualified installer, service agency, company or gas supplier experienced with this type of gas appliance. Only factory authorized components listed in these instructions may be used in accordance with manufacturer's instructions and all codes and requirements of the authority having jurisdiction. Any modifications to this kit, or use of unauthorized components or accessory items will void the manufacturer's warranty, and may result in a hazardous condition.

FLUE OPENING SPECIFICATIONS

Note: This vented appliance must be installed only in a solid-fuel burning fireplace with a working flue and constructed of noncombustible material.

Charts in Figure 2, page 6, indicate technical information regarding installation of your gas log set. Please make sure all specifications shown are applicable before installation is attempted.

Fireplace must include a working flue and venting system with minimum openings shown in Figure 2, page 6.

INSTALLATION

Continued

Model	Burner Description	BTU Input (Natural Gas)	Minimum Flue Opening
PHK18 BCS18	18" Ramp	57,000	8"
PHK24 BCS24	24" Ramp	80,000	8"
PHK30 BCS30	30" Ramp	90,000	8"

Minimum Fireplace Dimensions				
Model	Front Width	Back Width*	Depth	Height
PHK18 BCS18	28"	18"	16"	18"
PHK24 BCS24	36"	23"	16"	18"
PHK30 BCS30	42"	29"	18"	18"

* At depth Indicated

Fuel Inlet Pressure Specifications (W.C.)		
	Min.	Max.
N.G.	5.5"	10.5"

Burner Orifice Sizing		
Log Size	Natural Gas	
	In.	Num.
18"	0.120	31
24"	0.140	28
30"	0.1495	25

Figure 2 - Technical Information Charts

CHECK GAS TYPE

Use only natural gas. If your gas supply is not natural gas, you **MUST NOT** install this gas log set.

⚠ WARNING: This appliance is equipped for natural gas. Field conversion is not permitted.

If fireplace does not have a gas supply shutoff valve, one must be installed.

VENTING SPECIFICATIONS FOR INSTALLATION

Fireplace chimney flue and vent must be drafting properly. To check vent for proper drafting: Light a tightly rolled newspaper on one end and place inside front edge of fireplace. Observe smoke and be sure vent is properly drawing smoke up chimney. If smoke spills out

into room, extinguish flame and remove any obstruction until proper venting is achieved. Chimney flue must remain open a minimum of 3" at all times during operation of log set.

INSTALLING DAMPER CLAMP

Secure damper stop clamp provided to leading edge of damper as shown in Figure 3. If for any reason this clamp doesn't work on your fireplace, another suitable clamp or permanent stop must be installed, or damper blade must be cut or removed.

For Massachusetts Residents Only: Installation of this vented gas log set in the Commonwealth of Massachusetts requires damper be permanently removed or welded in fully open position.

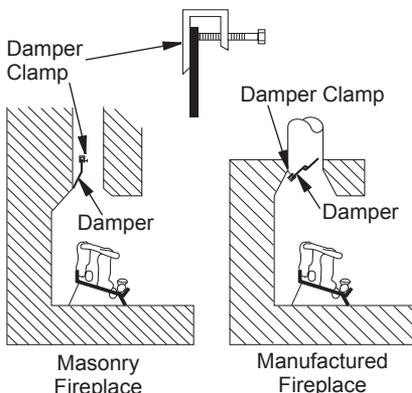


Figure 3 - Attaching Damper Clamp

CONNECTING TO GAS SUPPLY

⚠ WARNING: A qualified service person must connect log set to gas supply. Follow all local codes.

Installation Items Needed

Before installing log set, make sure you have the items listed below.

- piping (check local codes)
- sealant (resistant to Propane/LP gas)
- equipment shutoff valve
- test gauge connection
- adjustable (crescent) wrench or pliers
- sediment trap
- tee joint
- pipe wrench

INSTALLATION

Continued

⚠ CAUTION: Use only new, black iron or steel pipe. Internally-tinned copper tubing may be used in certain areas. Check your local codes. Use pipe of 1/2" diameter or greater to allow proper gas volume to log set. If pipe is too small, undue loss of volume will occur.

Installation must include an equipment shutoff valve, union, and plugged 1/8" NPT tap. Locate NPT tap within reach for test gauge hook up. NPT tap must be upstream from log set (see Figure 4).

IMPORTANT: Install equipment shutoff valve in an accessible location. An equipment shutoff valve is for turning on or shutting off gas to the appliance.

Apply pipe joint sealant lightly to male NPT threads. This will prevent excess sealant from going into pipe. Excess sealant in pipe could result in a clogged burner injector.

⚠ WARNING: Use pipe joint sealant that is resistant to liquid petroleum (LP) gas.

We recommend that you install a sediment trap in supply line as shown in Figure 4. Locate sediment trap where it is within reach for cleaning. Install in piping system between fuel supply and heater. Locate sediment trap where trapped matter is not likely to freeze. A sediment trap traps moisture and contaminants. This keeps them from going into log set controls. If sediment trap is not installed or is installed wrong, log set may not run properly.

CHECKING GAS CONNECTIONS

⚠ WARNING: Test all gas piping and connections, internal and external to unit, for leaks after installing or servicing. Correct all leaks at once.

⚠ WARNING: Never use an open flame to check for a leak. Apply a noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.

PRESSURE TESTING GAS SUPPLY PIPING SYSTEM

Test Pressures In Excess Of 1/2 PSIG (3.5 kPa)

1. Disconnect log set and its individual equipment shutoff valve from gas supply piping system.
2. Cap off open end of gas pipe where equipment shutoff valve was connected.
3. Pressurize supply piping system by either using compressed air or opening main gas valve located on or near gas meter.
4. Check all joints of gas supply piping system. Apply noncorrosive leak detection fluid to gas joints. Bubbles forming show a leak.
5. Correct all leaks at once.
6. Reconnect log set and equipment shutoff valve to gas supply. Check reconnected fittings for leaks.

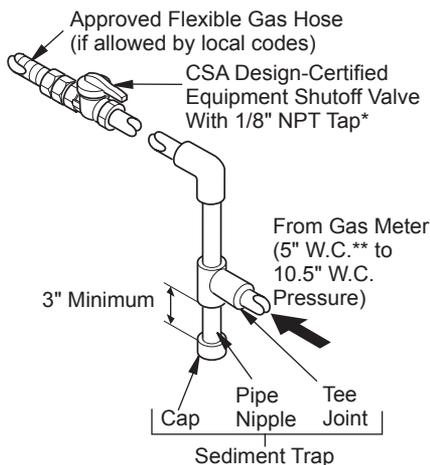


Figure 4 - Gas Connection

* Purchase optional CSA design-certified equipment shutoff valve from your dealer.

** Minimum inlet pressure for purpose of input adjustment.

INSTALLATION

Continued

Test Pressures Equal To or Less Than 1/2 PSIG (3.5 kPa)

1. Close equipment shutoff valve (see Figure 5).
2. Pressurize supply piping system by either using compressed air or opening main gas valve located on or near gas meter.
3. Check all joints from gas meter to equipment shutoff valve (see Figure 6). Apply noncorrosive leak detection fluid to gas joints. Bubbles forming show a leak.
4. Correct all leaks at once.

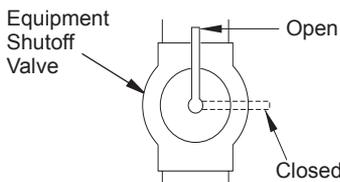


Figure 5 - Equipment Shutoff Valve

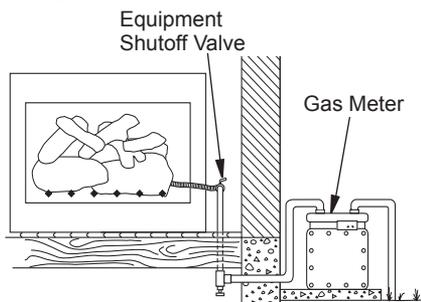


Figure 6 - Checking Gas Joints

HEARTH KIT ASSEMBLY AND INSTALLATION

Kit Assembly - Ramp Pan Burner

1. Determine which side gas line feeds into fireplace. This log set is factory set up for right side (facing) gas feed. If your gas line is on the right side, go to [Installation and Gas Connection](#). If your gas line is on the left side of fireplace, proceed with steps 2 through 4 below.
2. Remove nuts securing gas inlet venturi to bottom of burner.
3. Remove venturi from pan taking care not to damage gasket between venturi and pan.
4. Reverse direction of venturi and reattach to bottom of pan using factory nuts.

Installation and Gas Connection

1. Place ramp burner assembly in center of fireplace floor. Make sure front of pan faces forward.
2. Thread gas supply fitting to fireplace gas supply pipe. Use thread sealant.
3. Install gas connector tube to gas supply fitting. Carefully shape tube to attach to adapter fitting. Be careful not to cause kinks in tube.
4. Attach opposite end of gas connector tube to gash inlet fitting on end of venturi.

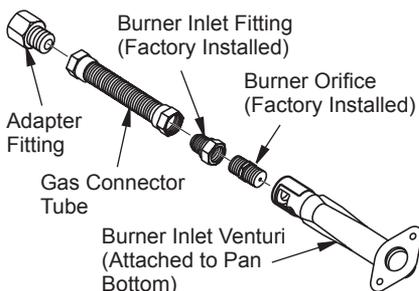


Figure 7 - Venturi Gas Connection

TESTING BURNER FOR LEAKS

1. Generously apply noncorrosive leak detection fluid to all connections.

⚠ WARNING: Never check for gas leaks with open flame.

2. Light burner with shutoff valve no more than half open and holding a match slightly in front of pan (see [Lighting Instructions](#), page 10).
3. Inspect all connections for bubbles, raw gas odor, or flame from any area other than burner (leaks). If leaks are detected, shut off gas valve immediately. Tighten, or reassemble loose connection(s) using pipe joint compound until burner system is leak free.
4. When burner is tested and leak free, observe individual tongues of flame on burner. Make sure all ports are clear and producing flame evenly across burner. If any ports appear blocked, clear by removing burner manifold and reaming ports with a modified paper clip or other suitable tool.
5. When finished testing, turn gas shutoff valve OFF to extinguish all flames.

INSTALLATION

Continued

ADDING PAN MATERIAL

1. Open bag of glowing embers and spread it evenly over burner ramp.
2. Open small bag of platinum embers and place randomly throughout ember bed; more heavily near front of ramp.

INSTALLING THE GRATE AND LOGS

1. Place grate over burner pan where two outer horizontal supports on grate fit into two pan positioning tabs on outer edges of pan.
2. Place large back log on grate at top tier (rear) of ramp (see Figure 8).
3. Figures 8 and 9 show a suggested log arrangement, however you may arrange logs as you wish. Leave as much open space between logs as possible to minimize flame impingement and sooting.

Note: Logs may chip if they are handled roughly or if hit together while being placed.

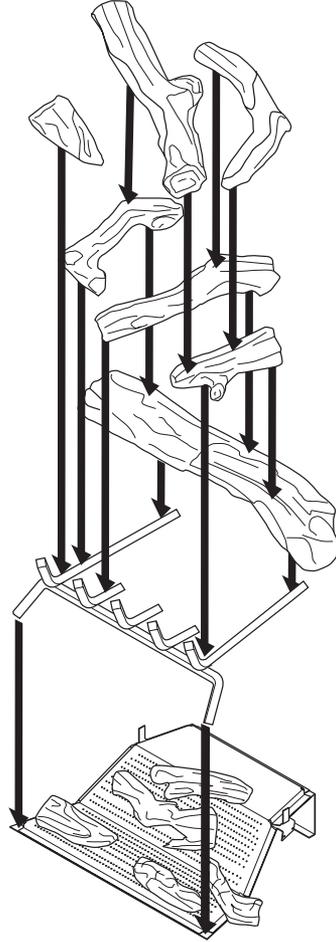


Figure 8 - Installing Logs and Grate

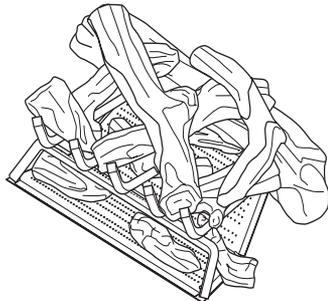


Figure 9 - Suggested Log Arrangement

OPERATION

FOR YOUR SAFETY READ BEFORE LIGHTING

⚠ WARNING: Keep flue open when operating unit.

⚠ 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 LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information, above.
2. Turn gas shutoff valve to OFF.

3. Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow the safety information, column 1. If you don't smell gas, go on to the next step.
4. Light a match and lay it on top of pan material about 2" from the end of supply side of pan
5. Slowly turn gas shutoff valve ON until burner ignites. If burner doesn't ignite within 10 seconds with match burning, turn shutoff valve OFF and repeat steps 1 through 4.

GAS SHUTOFF VALVE OPERATION

Flame Adjustment

Adjust the flame ON/OFF by turning gas shutoff valve counterclockwise ↺ to open or clockwise ↻ to close, as necessary.

Shutting Off Appliance

Turn gas shutoff valve clockwise ↻ to the OFF position (see Figure 5, page 8) .

CURING LOGS

During the 2-3 hour appliance break-in period, you may detect an odor from the appliance as the various paints and compounds used in the manufacturing of this log set cure. This is a normal and temporary situation that is not cause for alarm. However, you may want to provide extra ventilation to the room during this time.

CLEANING AND MAINTENANCE

- Keep the area around log set clean and clear of debris.
- Occasionally, you may use a soft bristle brush to clean logs.
- Once every year a qualified agency or certified chimney sweep should examine and clean the venting system of fireplace.

TROUBLESHOOTING



WARNING: Turn off log set and let cool before servicing. Only a qualified service person should service and repair log set.

Note: All troubleshooting items are listed in order of operation.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
<p>Log set is smoking/sooting excessively <i>(Note: It is natural and unavoidable for vented gas log sets to produce moderate levels of carbon (soot) where flames contact the logs. This is especially true with propane/LP gas.)</i></p>	<ol style="list-style-type: none"> 1. Poor fuel quality 2. Fireplace venting system not drafting properly 3. Excessive flame impingement or blockage 4. Improper fuel/air mixture 5. Excessive gas supply/pressure 	<ol style="list-style-type: none"> 1. Contact local natural or propane/LP gas company 2. Adjust damper wide open and/or have fireplace and venting professionally cleaned and checked 3. Separate the logs to allow more flame passage 4. Remove any foreign items from the flame pattern and/or check for proper orifice sizing 5. Preheat flue in very cold weather
<p>Burner is excessively noisy <i>(Note: The movement and combustion of gas will create low, unavoidable levels of noise.)</i></p>	<ol style="list-style-type: none"> 1. Passage of air/gas across irregular surfaces 	<ol style="list-style-type: none"> 1. Relieve any tight bends or kinks in gas supply line
<p>Burner flame is too low or too high</p>	<ol style="list-style-type: none"> 1. Incorrect gas supply or pressure 2. Blocked burner orifice or burner manifold ports 3. Improper burner orifice size 	<ol style="list-style-type: none"> 1. Check for proper gas supply pressure 2. Free burner orifice and manifold ports of any burrs, paint, or other blockage 3. Verify proper burner orifice sizing (see Figure 2, page 6)

TROUBLESHOOTING

Continued



WARNING: If you smell gas

- Shut off gas supply.
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

IMPORTANT: Operating log set 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. These odors will disappear over time.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Log set produces a clicking/ticking noise just after burner is lit or shut off	1. Metal expanding while heating or contracting while cooling	1. This is normal with most log sets. If noise is excessive, contact qualified service person
Log set produces unwanted odors	1. Log set burning vapors from paint, hair spray, glues, cleaners, chemicals, new carpet, etc. (See <i>IMPORTANT</i> statement above) 2. Gas leak. See Warning statement at top of page	1. Open flue to maximum. Stop using odor causing products while log set is running 2. Locate and correct all leaks (see <u><i>Checking Gas Connections</i></u> , page 7)
Gas odor even when control knob is in OFF position	1. Gas leak. See Warning statement at top of page 2. Control valve defective	1. Locate and correct all leaks (see <u><i>Checking Gas Connections</i></u> , page 7) 2. Replace control valve
Gas odor during combustion	1. Gas leak. See Warning statement at top of page	1. Locate and correct all leaks (see <u><i>Checking Gas Connections</i></u> , page 7)

TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. If so, contact DESA Heating, LLC at 1-866-672-6040. When calling please have your model and serial numbers of your heater ready.

You can also visit DESA Heating, LLC's web site at www.desatech.com.

SERVICE HINTS

When Gas Pressure is Too Low

- pilot will not stay lit
- burners will have delayed ignition
- heater will not produce specified heat
- propane/LP gas supply may be low

You may feel your gas pressure is too low. If so, contact your local propane/LP or natural gas supplier.

REPLACEMENT PARTS

Note: Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

PARTS UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s), call DESA Heating, LLC at 1-866-672-6040. When calling DESA Heating, LLC, have ready:

- your name
- your address
- model and serial numbers of your heater
- how heater was malfunctioning
- purchase date

Usually, we will ask you to return the part to the factory.

PARTS NOT UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s), call DESA Heating, LLC at 1-866-672-6040 for referral information. A list of authorized dealers can be found by visiting www.desatech.com. When calling DESA Heating, LLC, have ready:

- model and serial numbers of your heater
- the replacement part number

ACCESSORIES

Purchase these accessories from your local dealer. If they can not supply these accessories call DESA Heating, LLC at 1-866-672-6040 for information. You can also write to the address listed on the back page of this manual.

INDIVIDUAL ROUND LOG - GA9450A

For decorative purposes only. Not to be used as additional logs on unit.

INDIVIDUAL SPLIT LOG - GA9550A

For decorative purposes only. Not to be used as additional logs on unit.

PINE CONES - GA9650A

For all models. Use for additional decoration only. (3 pine cones per box).

ASH BED MATERIAL (VERMICULITE) GA9750A

For all models. Use for firebox decoration only.

GLOWING EMBERS - GA9950A

For all models. Use for firebox decoration only.

SILICA SAND - GA9850A

For all models. Use for firebox decoration only.

LAVA ROCK - GA6067A

For all models. Use for firebox decoration only.

DECORATIVE ASH BED CONTROL COVER - CDABKA

For all models. An attractive way to cover control knob and piezo ignitor.

18" ORNAMENTAL GRATE ENHANCER - GA9350A

For 18" models only. Additional decoration for front grate.

24" ORNAMENTAL GRATE ENHANCER - GA9360A

For 24" models only. Additional decoration for front grate.

30" ORNAMENTAL GRATE ENHANCER - GA9370A

For 30" models only. Additional decoration for front grate.

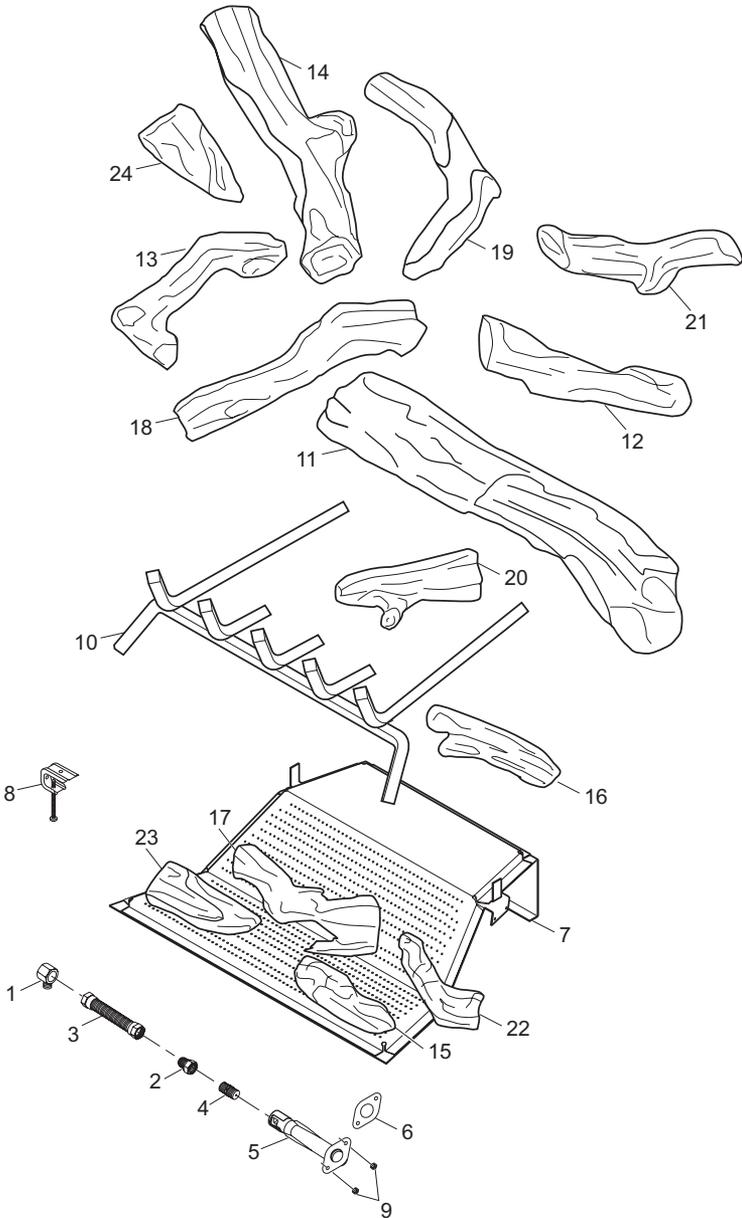
FIRE CRACKLE - CF6-A

For all models. Creates the sound of a real burning fire.

PARTS

MODELS PHK18, PHK24, PHK30, BCS18, BCS24 AND BCS30

(Number and style of logs vary by model)



PARTS

This list contains replaceable parts used in your log set. When ordering parts, follow the instructions listed under Replacement Parts on page 13 of this manual.

KEY NO.	PART NO.	DESCRIPTION	PHK/BCS			QTY.
			18	24	30	
1	901059-01	3/8 FLR x 1/2 FPT Elbow	•	•	•	1
2	901056-01	3/8 FLR x 3/8 FPT Adaptor	•	•	•	1
3	101628-01	Gas Line - 10' Flex	•	•	•	1
4	104506-27	Natural Gas Injector	•			1
	104506-28	Natural Gas Injector		•		1
	104506-29	Natural Gas Injector			•	1
5	14538	Venturi	•	•	•	1
6	14527	Venturi Gasket	•	•	•	1
7	115482-01	Burner Pan	•			1
	115482-02	Burner Pan		•		1
	115482-03	Burner Pan			•	1
8	901242-01	Damper Clamp Assembly	•	•	•	1
9	11209	Nut #10/24	•	•	•	2
10	114986-01	Log Grate	•			1
	114986-02	Log Grate		•		1
	114986-03	Log Grate			•	1
11	901481-01	Bottom Log	•			1
	109128-02	Bottom Log		•		1
	109128-01	Bottom Log			•	1
12	111827.08	Small Log			•	1
13	112489-01	Small Log		•	•	1
14	109399-01	Small Log	•	•	•	1
15	115421-02	Small Log	•	•	•	1
16	111960-01	Small Log		•	•	1
17	111929-01	Top Log	•	•	•	1
18	109130-01	Top Log		•	•	1
19	112488-01	Top Log	•	•	•	1
20	111962-01	Top Log	•	•	•	1
21	111930-01	Small Log			•	1
22	109405-01	Small Log	•	•	•	1
23	115421-01	Small Log		•	•	1
24	112363-05	Small Log	•	•		1

WARRANTY

KEEP THIS WARRANTY

Model (located on product or identification tag) _____

Serial No. (located on product or identification tag) _____

Date Purchased _____

Keep receipt for warranty verification.

DESA HEATING, LLC LIMITED WARRANTIES

New Products

Standard Warranty: DESA Heating, LLC warrants this new product and any parts thereof to be free from defects in material and workmanship for a period of four (4) years from the date of first purchase from an authorized dealer provided the product has been installed, maintained and operated in accordance with DESA Heating, LLC's warnings and instructions. When installed in a listed outdoor solid fuel burning fire-place, the warranty is limited to one (1) year for the burner system and logs.

For products purchased for commercial, industrial or rental usage, this warranty is limited to 90 days from the date of first purchase.

Factory Reconditioned Products

Limited Warranty: DESA Heating, LLC warrants factory reconditioned products and any parts thereof to be free from defects in material and workmanship for 30 days from the date of first purchase from an authorized dealer provided the product has been installed, maintained and operated in accordance with DESA Heating, LLC's warnings and instructions.

Terms Common to All Warranties

The following terms apply to all of the above warranties:

Always specify model number and serial number when contacting the manufacturer. To make a claim under this warranty the bill of sale or other proof of purchase must be presented.

This warranty is extended only to the original retail purchaser when purchased from an authorized dealer, and only when installed by a qualified installer in accordance with all local codes and instructions furnished with this product.

This warranty covers the cost of part(s) required to restore this product to proper operating condition and an allowance for labor when provided by a DESA Heating, LLC Authorized Service Center or a provider approved by DESA Heating, LLC. Warranty parts must be obtained through authorized dealers of this product and/or DESA Heating, LLC who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty.

Travel, handling, transportation, diagnostic, material, labor and incidental costs associated with warranty repairs, unless expressly covered by this warranty, are not reimbursable under this warranty and are the responsibility of the owner.

Excluded from this warranty are products or parts that fail or become damaged due to misuse, accidents, improper installation, lack of proper maintenance, tampering, or alteration(s).

This is DESA Heating, LLC's exclusive warranty, and to the full extent allowed by law; this express warranty excludes any and all other warranties, express or implied, written or verbal and limits the duration of any and all implied warranties, including warranties of merchantability and fitness for a particular purpose to four (4) years on new products and 30 days on factory reconditioned products from the date of first purchase. DESA Heating, LLC makes no other warranties regarding this product.

DESA Heating, LLC's liability is limited to the purchase price of the product, and DESA Heating, LLC shall not be liable for any other damages whatsoever under any circumstances including indirect, incidental, or consequential damages.

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

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For information about this warranty contact:



DESA Heating, LLC
2701 Industrial Drive
Bowling Green, KY 42101
www.desatech.com
1-866-672-6040

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Rev. E
05/08



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NOT A UPC