



MODEL OPTIMA 30
FIREPLACE INSERT ROOM HEATER
FOR USE WITH NATURAL GAS AND PROPANE
INSTALLATION AND OPERATION INSTRUCTIONS

FOR YOUR SAFETY

DO NOT store or use gasoline or any other flammable vapors or liquids in the vicinity of this or any other appliance

IF YOU SMELL GAS:

- Do not try to light any appliance.
- Open windows.
- Do not touch electrical switches.
- Extinguish any open flame.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach the gas supplier, call the fire department.

PLEASE READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING AND OPERATING THE APPLIANCE

WARNING: Improper installation, adjustment, alteration, service or maintenance voids all the manufacturer's warranties and may cause property damage, personal injury or loss of life.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

Installer, please leave this manual with the appliance owner for future reference.

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CAUTION

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

Children and adults should be alerted to the hazards of high surface temperature and stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room as the appliance.

Clothing or other flammable material should not be placed on or near the appliance.

Any parts removed or opened for servicing of the appliance must be properly replaced prior to operating the appliance.

The appliance must be inspected before use and at least annually by a qualified service person. More frequent cleaning maybe required due to excessive lint from carpeting, bedding material, etc. It is imperative that the control compartments, burners and circulating air passageways for the appliance be kept clean.

Manufactured by Archgard Industries Ltd, British Columbia, Canada.

Patents Pending

INTRODUCTION

TO THE PROUD NEW OWNER

Thank you for purchasing the Archgard Optima 30

The Optima 30 is one of the most advanced fireplace insert heaters on the market. It is solidly designed using the latest technology and manufactured to the highest quality. It is our aim to provide you with many trouble free years of reliable service.

Some of the many features are.

- * Small Size The Optima 30 will fit into almost all masonry and factory built wood burning fireplaces.
- * Heater Classification The Optima 30 is classified as a heating appliance. Therefore, it has additional safety devices built-in and it can be operated continuously for zone heating.
- * High Efficiency The Optima 30 has one of the highest efficiency of any gas fireplace; which means that it is less expensive to operate.
- * Adjustable Flame The flame aesthetics and heat output can be adjusted to suit the owner's moods and heating needs.
- * Solid Construction The Optima 30 is constructed mainly of 16 and 18 gauge aluminized and galvanized steel for long life and durability.

Please read the manual carefully prior to installation and operation of the appliance. Proper installation, operation and maintenance of the appliance will provide you with many years of enjoyment.

Optima 30



GENERAL INFORMATION

APPLIANCE CERTIFICATION

This appliance is tested and certified to the following US and Canadian gas appliance standards.

- ANSI Z21.88a-1998/CSA 2.33a-M98, Vented Gas Fireplace Heaters,
- ANSI Z21.44-1995, CAN1-2.19-M81, Direct Vent Wall Furnaces,
- CAN/CGA-2.17-M91, Gas-Fired Appliances for Use at High Altitudes

Please contact Archgard Industries Ltd., if you have any questions regarding the certification of this appliance.

INSTALLATION CODES

This appliance must be installed by a qualified gas appliance installer.

The installation must conform with the local codes or, in the absence of local codes, with the current National Fuel Gas Code, ANSI Z223.1/ NFPA 54, in the US or Installation Code, CAN/CGA-B149, in Canada. Electrical connections and grounding must conform with local code, or current National Electrical code, ANSI/NFPA No. 70-1987, in the US and in Canada, the current Canadian Electrical Code, CSA C22.1.

SPECIFICATIONS

	Natural Gas (NG)	Propane (LP)
Manifold Pressure	1.6 - 3.5 in. w.c. (0.4 - 0.9 kPa)	6.0 - 10.0 in. w.c. (1.5 - 2.5 kPa)
Min. Supply Pressure for Purpose of Input Adjustment	4.5 in. w.c. (1.2 kPa)	11.0 in. w.c. (2.8 kPa)
Orifice Size	#37 DMS (2.64 mm dia.)	#53 DMS (1.51 mm dia.)
Nominal Input Rating	14,500 - 29,000 BTU/hr (4.2 - 8.5 kW)	15,500 - 26,000 BTU/hr (4.3 - 7.6 kW)
Output (Fan On) @ Max. Rating	23,600 BTU/hr (6.9 kW)	21,300 BTU/hr (6.2 kW)
Output (Fan Off) @ Max. Rating	22,500 BTU/hr (6.6 kW)	20,300 BTU/hr (5.9 kW)
Altitude	0 - 4,500 ft. (0 - 1372 m)	0 - 4,500 ft. (0 - 1372 m)
Primary Air Opening	1/8 in. (4.8 mm)	1/4 in. (9.6 mm)

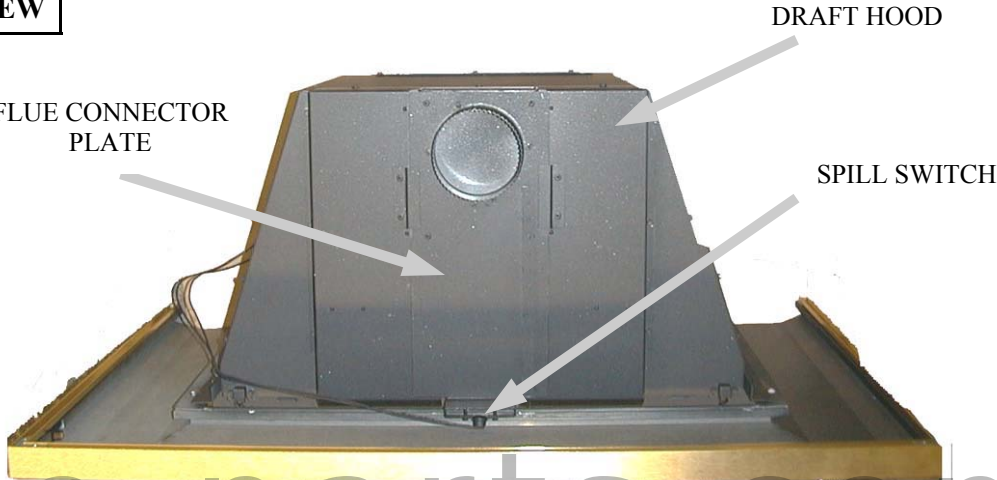
HIGH ALTITUDE INSTALLATION

When installing this appliance beyond 4500 ft. (1372 m) above sea level. The appliance must be properly de-rated and installed according to local codes, in the absence of local codes, with the current National Fuel Gas Code, ANSI Z223.1/ NFPA 54, in the US or Installation Code, CAN/CGA-B149, in Canada.

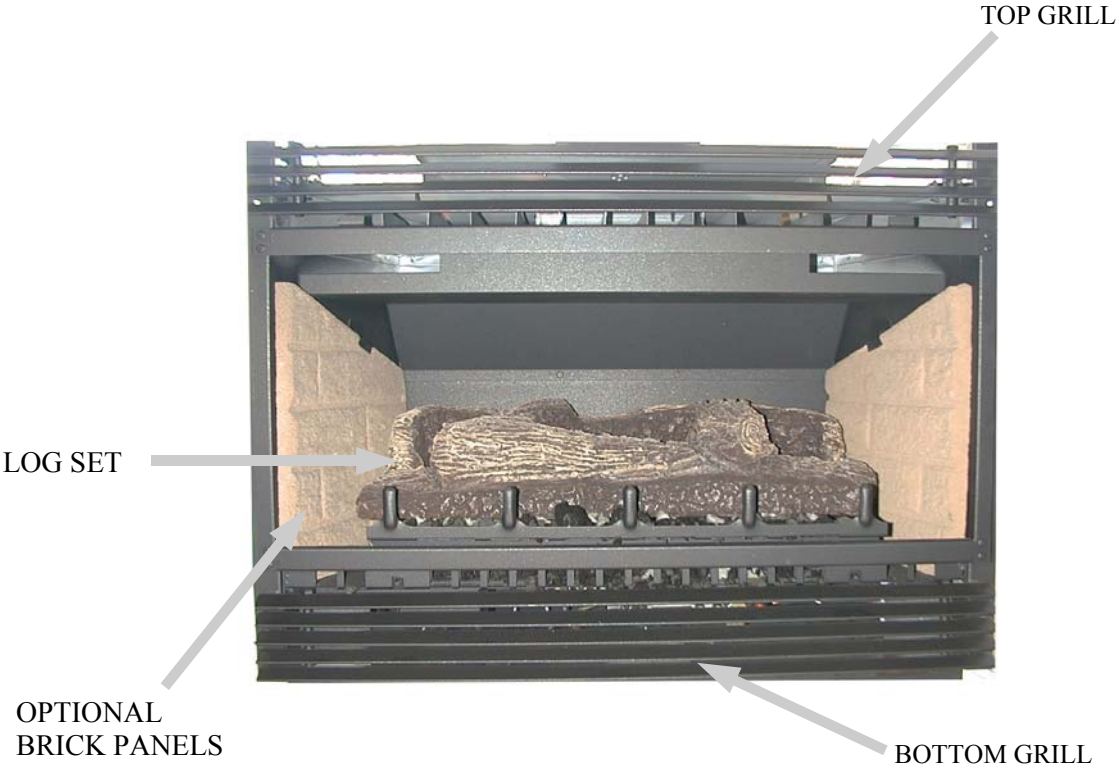
APPLIANCE DESCRIPTION

Optima 30

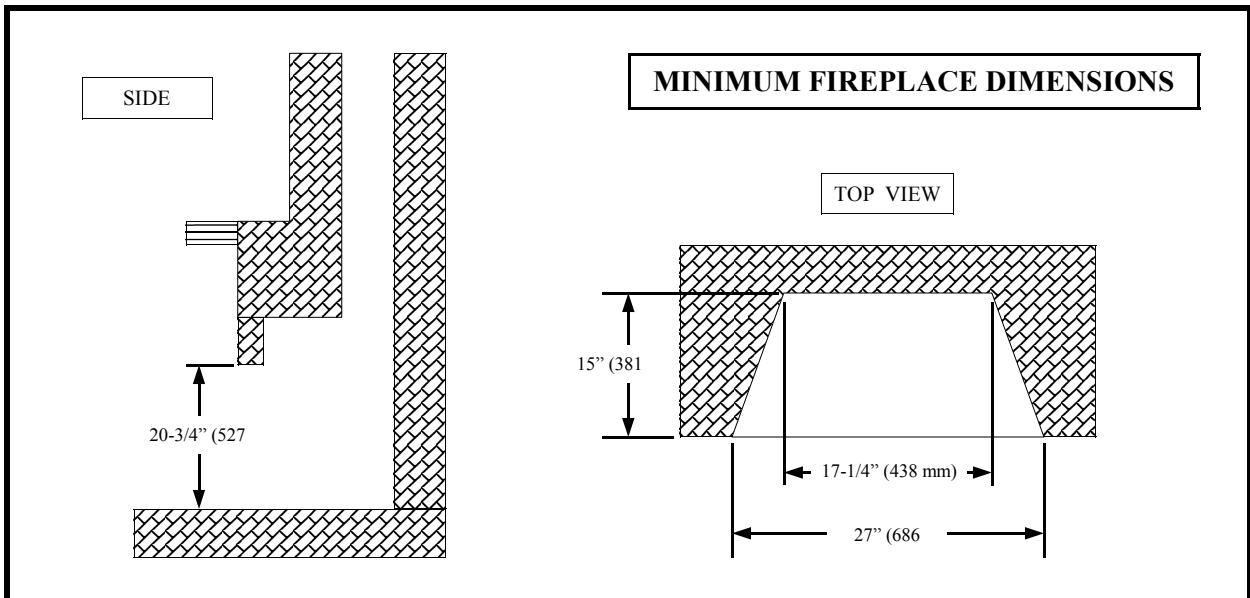
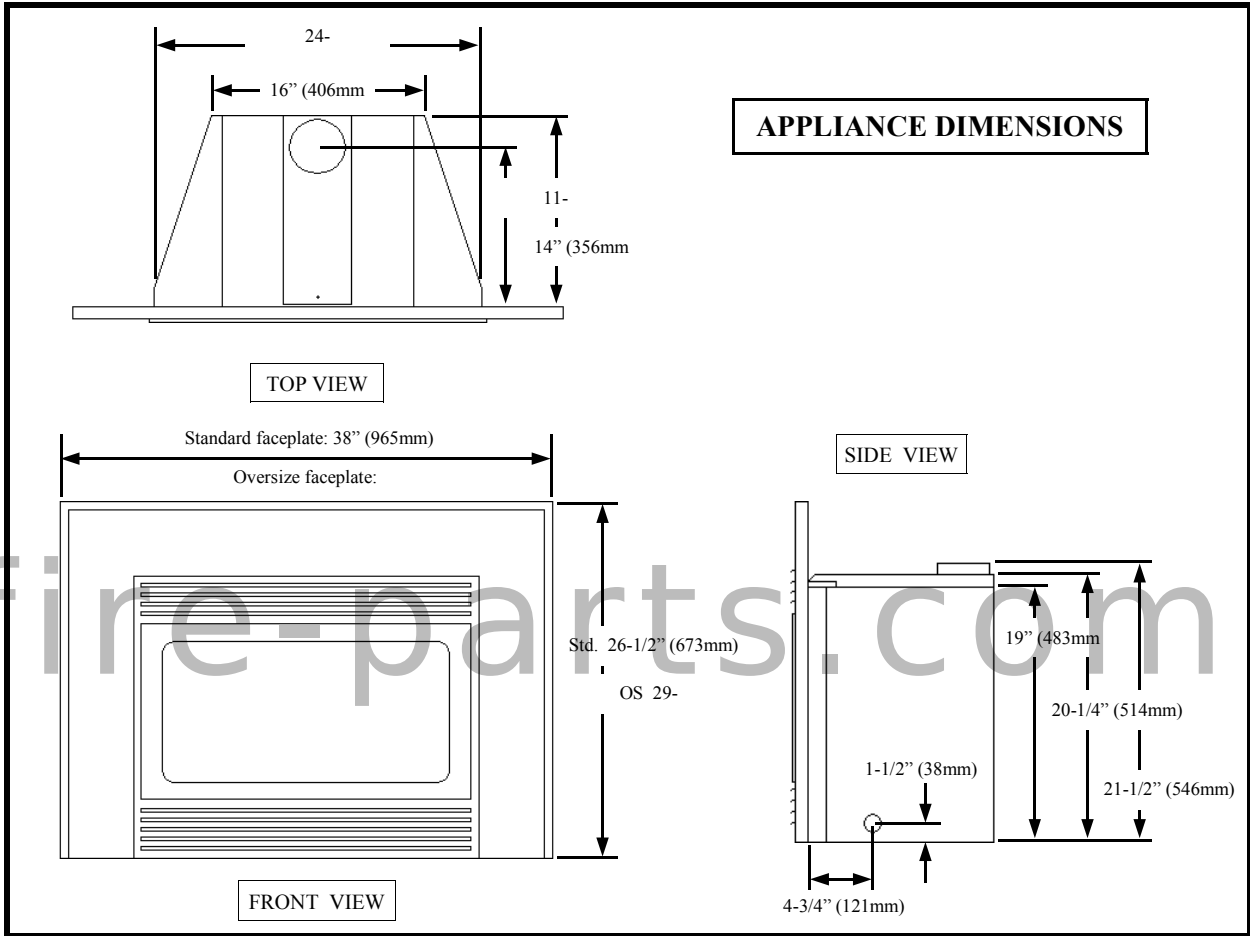
TOP VIEW



FRONT



DIMENSIONS AND CLEARANCES



DIMENSIONS AND CLEARANCES Cont...

CLEARANCES TO COMBUSTIBLES

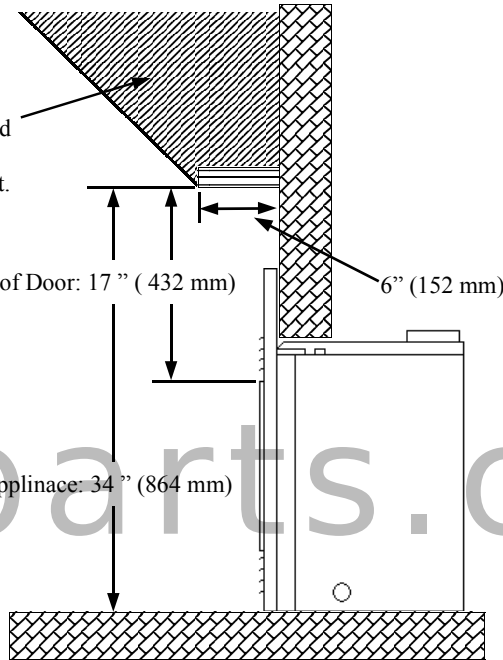
SIDE VIEW

Combustible mantle allow in shaded area. Mantle extension may be increased 1" (25mm) for each additional 1" (25mm) increase in clearance height.

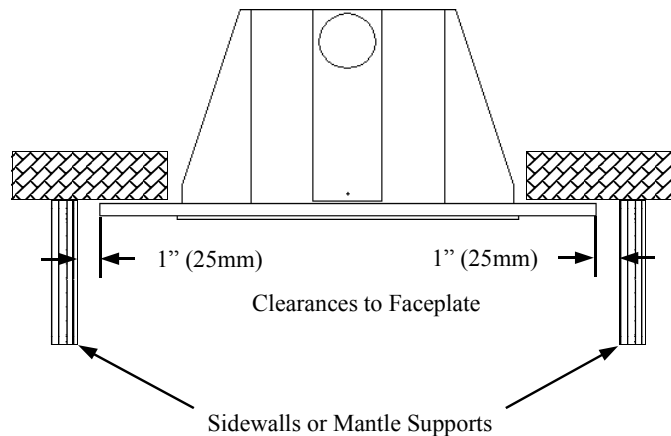
Minimum Height From Top of Door: 17" (432 mm)

Minimum Height From Bottom of Appliance: 34" (864 mm)

6" (152 mm)



TOP VIEW



CAUTION: This appliance is designed for use in any masonry or factory built wood burning fireplace. It cannot be enclosed by combustible material and used as a built-in gas fireplace, unless it is installed into an Archgard zero-clearance box, model ZC-KIT.

INSTALLATION INSTRUCTIONS

PRECAUTIONS

This appliance must be installed by a qualified gas installer and the installation conform to the installation codes.

This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air. Provide adequate clearance around air openings of the appliance. Never obstruct front openings.

Provide adequate clearances for proper operation and servicing of the appliance.

This appliance must be properly connected to a venting system and must not be connected to a chimney flue serving a separate solid fuel burning appliance.

GAS CONNECTIONS

Have your gas supplier or a qualified gas fitter run a gas supply line into the fireplace. The line must be properly sized and fitted according to the installation codes. Immediately up stream of the supply connection, the fitter shall provide a manual shut-off valve and a 1/8 NPT plugged tapping accessible for connection to a test gauge.

CAUTION: 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 1/2 psig (3.5 kPa). 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 1/2 psig (3.5 kPa). Failure to do so will damage the appliance's gas valve. Such damage is not covered by the manufacturer's warranty.

Check for proper gas supply pressure by placing a test gauge on the 1/8 NPT tap on the gas supply line. The minimum permissible gas supply pressure is 4.5 in. w.c. (1.12 kPa) for natural gas and 11.0 in. w.c. (2.74 kPa) for propane. Maximum gas supply pressure should never exceed 14.0 in. w.c. (3.48 kPa) or 1/2 psi. for both natural gas and propane.

Before connecting the appliance to the gas supply line, double check that the appliance you have purchased is design for the gas type you are using. The gas type markings are located on the certification label and also on the appliance's gas valve.

Adequate clearance for proper installation and checking of the gas connections must be provided. All gas connections must be checked for gas leaks.

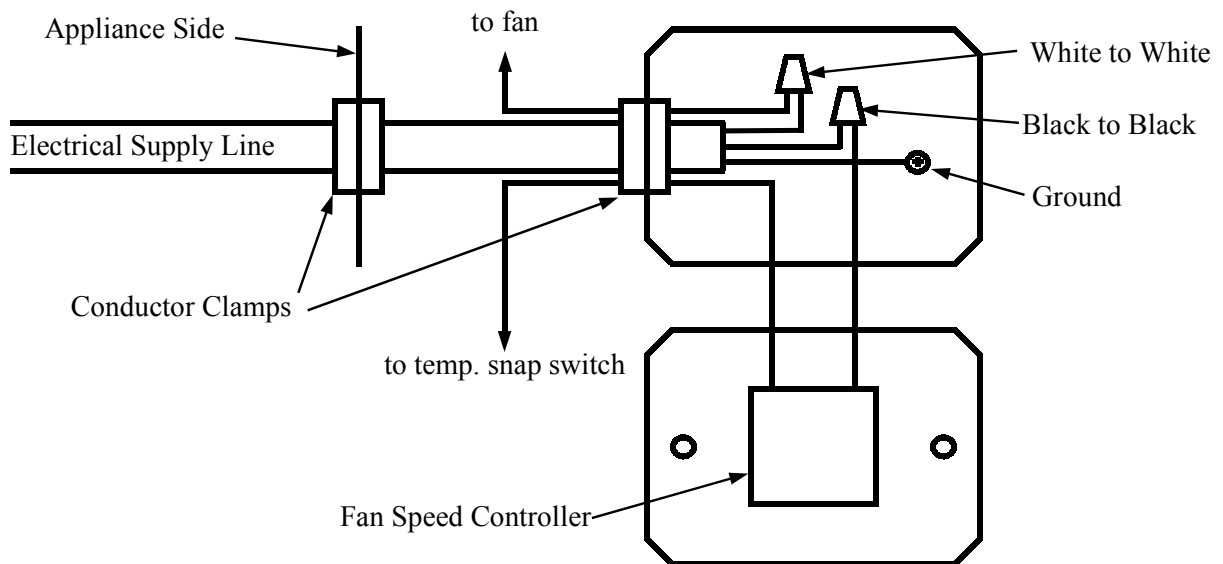
INSTALLATION INSTRUCTIONS Cont...

ELECTRICAL CONNECTIONS

The Optima 30 comes complete with a cord and plug already installed. If you require to run an electrical lead to the appliance follow the instructions listed below.

Have qualified electrician run a set of 120VAC supply lines to the lower left side of the fireplace before installing the appliance. He should leave 18" (460mm) of the supply line free for ease of connection to the appliance. Connect the electrical supply line to the appliance at the same time the gas line is being connected to the appliance.

Flip open the bottom grill and open the cover of the fan speed controller box. Run the lines into the left side of the appliance through the conductor clamp. Run the lines through the conductor clamp on the controller box. Connect the 'live' (black) supply conductor to the free black conductor from the speed controller with a marrette type wire connector. Connect the 'neutral' white supply conductor to the free white conductor from the convection fan with a marrette type wire connector. Connect the 'ground' (green or bare) conductor to the box. Tighten the two conductor clamps and replace the cover of the speed controller box.



INSTALLATION INSTRUCTIONS Cont...

VENTING

The appliance is equipped with a vent safety shutoff system and a safety control system designed to protect against improper venting of combustion products. The appliance will not function without being connected to a proper venting system.

WARNING: Operation of this heater when not connected to a properly installed and maintain venting system or tampering with the vent shut-off system can result in carbon monoxide (CO) poisoning and possible death.

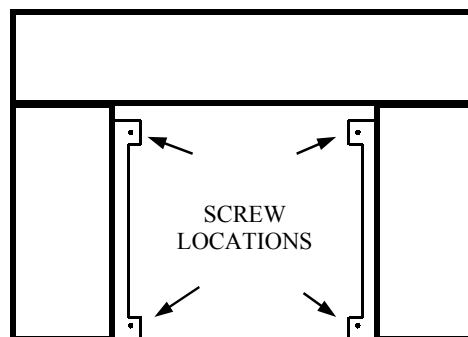
This appliance must not be connected to a chimney flue serving a separate solid fuel burning appliance. The appliance may be vented using 4 in. diameter aluminum or stainless steel flexible gas liner running inside a masonry chimney or the flue of the factory built fireplace. The vent system must be properly terminated with a suitable vent cap. The liner must form a complete connection from the flue collar to the vent cap. Follow the vent component manufacturer's instruction. Also check with local gas authorities for proper venting methods and procedures.

Connecting the Vent Liner to the Appliance

The appliance has a detachable flue connection plate for ease of installation. Remove the screw holding the flue connection plate and slide out the plate. After the flexible gas liner has been properly installed in the fireplace, attach the collar of the plate to the liner with screws or a clamp. Before placing the appliance into the fireplace, check the hearth of the fireplace to see if it is level with the front of the fireplace. If it is not, measure the depth of the hearth. Loosen the three screws of the leveling "L" bracket at the back of the appliance. Lower it to the measurement obtained and tighten the screws. Make sure the gas and electrical supply line are properly connected to the appliance. Slide the appliance into the fireplace, and at the same time slide the flue connection plate back onto the top of the appliance. Do not slide the appliance completely into the fireplace yet. Re-fasten the flue plate with the screw. Check the leveling of the appliance. Attach the faceplate to the appliance before sliding the appliance all the way into the fireplace.

FACEPLATE

- Remove the door.
- Fasten the faceplate to the appliance. The return flange on the inside of the faceplate sides fits on the inside of the mounting rails on the appliance. Screw the faceplate to the appliance at the locations shown with the black screws provided.



INSTALLATION INSTRUCTIONS Cont...

GLASS DOOR

WARNING: Do not attempt to remove the glass door when the appliance is hot.

Removing the Glass Door

- ⇒ Remove the two screws located at the bottom of the door.
- ⇒ Lift out the bottom of the door and lift the whole door assembly up and off the two locating tabs at the top of the door assembly.

Replacing the Glass Door

The reverse procedure of Removing the Glass Door.

fire-parts.com



INSTALLATION INSTRUCTIONS Cont...

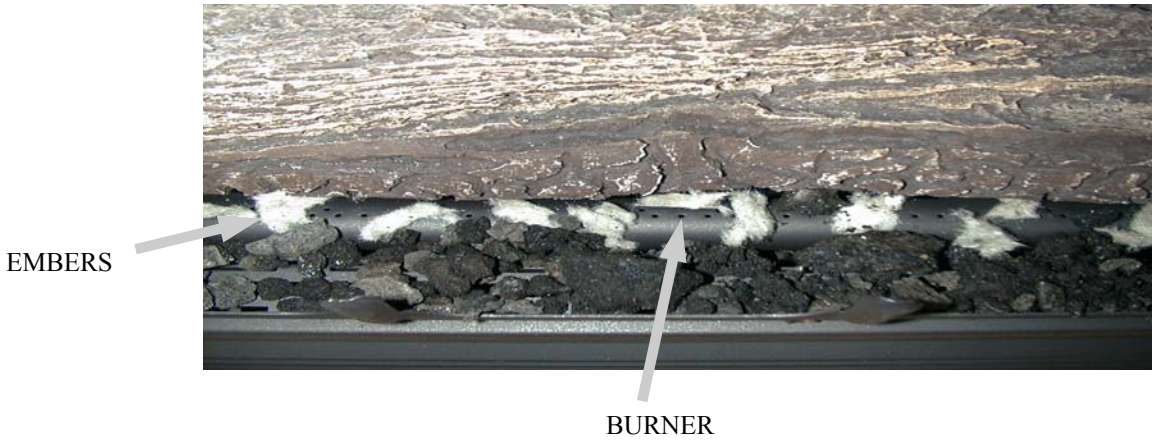
PLACEMENT OF LOG

- Place the log on the log holder at the back of the firebox. Push the log against the back of the firebox.



PLACEMENT OF EMBERS & COALS

- A small bag of ember chunks is provided with the appliance. Use only the large solid pieces.
- Carefully place the ember chunks on the ledge between the grate and the front of the burner. Try not to allow the embers to obstruct the burner ports.



WARNING: Do not place logs in any other configuration than that shown

OPERATION INSTRUCTIONS

FOR YOUR SAFETY, READ BEFORE LIGHTING

INITIAL OPERATION

- Check that the appliance is properly vented and connected to the gas supply.
- Check the log is properly placed.
- Check all external parts, such as grills, door and faceplate are properly attached and fastened.




NOTE : When operated for the first few times, the appliance will emit some odor and fumes. This is due to the heat from the appliance evaporating the oils and solvents used in fabricating the appliance. Close off the room to the rest of the house and open all windows. Keep the room well ventilated.

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


- A.** This appliance has a pilot which must be ignited using the sparker located next to the appliance valve controls. When lighting the pilot, follow the start-up procedures exactly.
- B.** BEFORE LIGHTING, smell all around the appliance area for gas. Be sure to smell next to the floor, because some gases are heavier than air and will settle on the floor.
- IF YOU SMELL GAS, follow the instruction on the front cover of this manual.
- C.** Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D.** Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

OPERATION INSTRUCTIONS Cont..


AUTOMATIC VALVE START-UP PROCEDURE

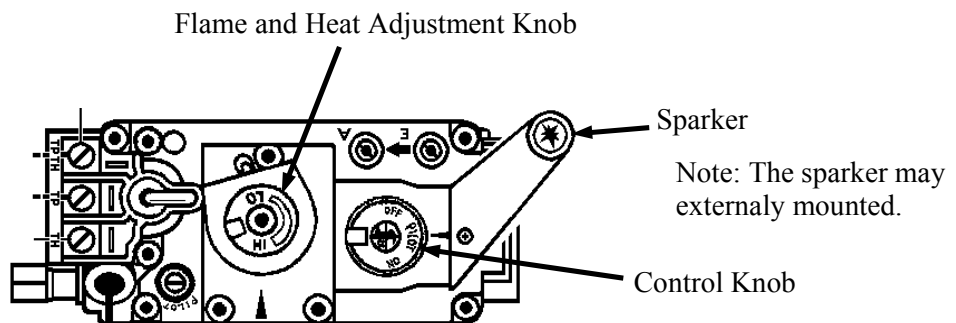
1. Set the thermostat, if present, to the lowest level. Press slightly and turn the control knob clockwise  to the **OFF** position and wait 5 minutes; thus allowing any gases to escape which may have accumulated in the combustion chamber.
Note: LP gases do not vent upward. Then follow step 2 and 3 to establish pilot.
2. Press slightly and turn control knob counterclockwise  to **PILOT** position; depress control knob and light pilot by repeatedly pressing the sparker. Venting of air may take place prior to flow of pilot gases. Once flame is established, hold knob depressed for approximately 60 sec.
3. Release knob. If pilot should go out, turn the control knob to **OFF** position and repeat steps 1, 2 and 3.
Note: this will allow reset of INTERLOCK for proper lighting of pilot.
4. Press and turn control knob counterclockwise  to **ON** position.
5. Turn flame and heat adjustment knob to the desired comfort level from **HIGH** to **LOW**.
6. Turn thermostat to the desired comfort level or turn ON/OFF switch to the ON position.

TEMPORARY SHUT-DOWN PROCEDURE

7. To turn off the main burner only, set the thermostat to the lowest setting or turn switch to OFF. Press and turn the knob clockwise  to **PILOT** position.

COMPLETE SHUT-DOWN PROCEDURE

8. Press and turn the knob clockwise  to the **OFF** position.



MAINTENANCE

CAUTION : Do not conduct maintenance on the appliance while it is operating or while it is still hot.

CLEANING THE APPLIANCE

The exterior painted surfaces, glass and gold trims may be cleaned with a soft, non-abrasive cloth and water or a suitable, mild, non-abrasive cleaner.

Regularly,

- Clean and remove any lint accumulations or debris from the grills and in any combustion and convection air passage ways.
- Keep the appliance area free from combustible materials, such as paper, wood, clothing, gasoline and flammable solids, liquids and vapors.
- Visually check the height and color of the burner and pilot flames.
- Check for unusual noise, odor and operation of the appliance.
- Check the vent cap for any damage, or obstruction by debris accumulation.

Once a Year,

- Remove the glass door and clean the inside of the glass with a soft, non-abrasive cloth and water or a suitable, mild, non-abrasive cleaner.
- Carefully remove the logs and gently brush off any loose carbon deposits. This job is best done outside the house, wearing a dust mask. The logs are very fragile, take care not to break them. After cleaning, the logs must be replaced as per the instructions in this manual.

Once a Year have a qualified service technician,

- Completely inspect the appliance and the venting system.
- Clean and remove any lint accumulations or debris in the firebox, on the burners, on the pilot, at the primary air opening, on the convection air blower and in any combustion and convection air passage ways.
- Check the safety system of the gas valve and the appliance.

WARNING : All parts removed or disturbed must be properly replaced after maintenance. Service and repair must be conducted by a qualified service person. If these instructions are not followed, a fire or explosion may result, causing property damage, personal injury or loss of life

TROUBLE SHOOTING

Please check to make sure the instructions are followed exactly before attempting trouble shooting of the appliance.

WARNING: Trouble shooting and servicing of gas and electrical devices of the appliance should only be conducted by a qualified service technician.

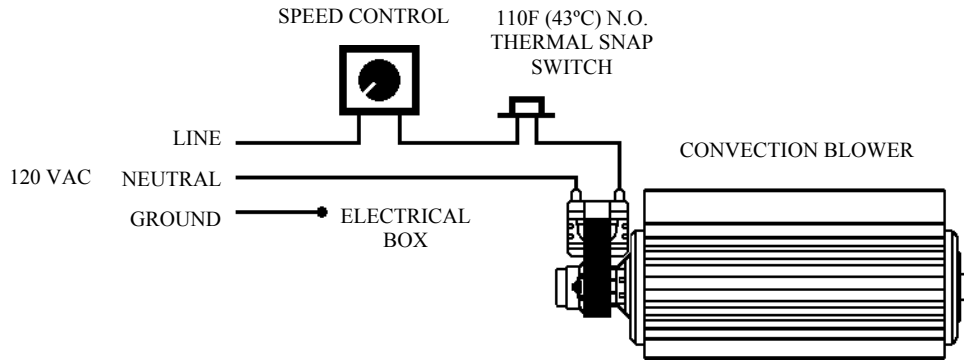
SYMPTOM	ACTION
Pilot will not light after pressing the sparker many times.	<ol style="list-style-type: none"> 1. When lighting the appliance for the first time after installation or after servicing, there is air in the gas line. It takes a while for all the air to purge out of the pilot before gas can reach the pilot and ignite. Remove the glass door and try lighting the pilot many times to purge the air. 2. Check to make sure the gas supply to the appliance is turned on and there is adequate gas supply pressure to the appliance. 3. Check for sparks between the spark electrode and the pilot head when the sparker is pressed. If there are no sparks, <ol style="list-style-type: none"> a. Check for broken or poor connection from the sparker to the electrode. b. Check for the spark shorting or arcing at other locations. c. Check for defective sparker. d. Check for defective spark electrode. 4. With the door removed, try lighting the pilot with a match. <ol style="list-style-type: none"> a. If air is blowing on the flame of the match, hold the control knob in at the 'PILOT' setting until all the air is purged out of the line. b. If there is no gas or air coming out of the pilot and there is gas pressure to the appliance, the pilot orifice maybe blocked or the gas valve maybe defective.
Pilot will not remain on after being lit.	<ol style="list-style-type: none"> 1. Press the control knob all the way in. 2. Hold the control knob in for a longer period of time. 3. If you are trying to re-light the pilot immediately after you have shut-off the pilot, you have to wait a few minutes for the valve to reset. 4. Check to see if the pilot flame is large enough to reach and surround the thermocouple. If the flame is too small, check for correct gas supply pressure. If pressure is good, adjust the pilot flame size with the adjustment screw on the valve. If the flame cannot be adjusted, there might be some debris obstructing the pilot orifice, or a wrong size pilot orifice. 5. Check for poor connection of the thermocouple to the valve. 6. Check for proper millivolts of the thermocouple. The thermocouple should generate at least 30 mV or it is defective. 7. Check for defective gas valve.
The main burner does not turn on with the pilot lit.	<ol style="list-style-type: none"> 1. Check to make sure the control knob is turned to the 'ON' position. 2. The thermopile takes a bit of time to heat up and generate enough voltage to activate the valve. Wait a little longer.

TROUBLE SHOOTING Cont...

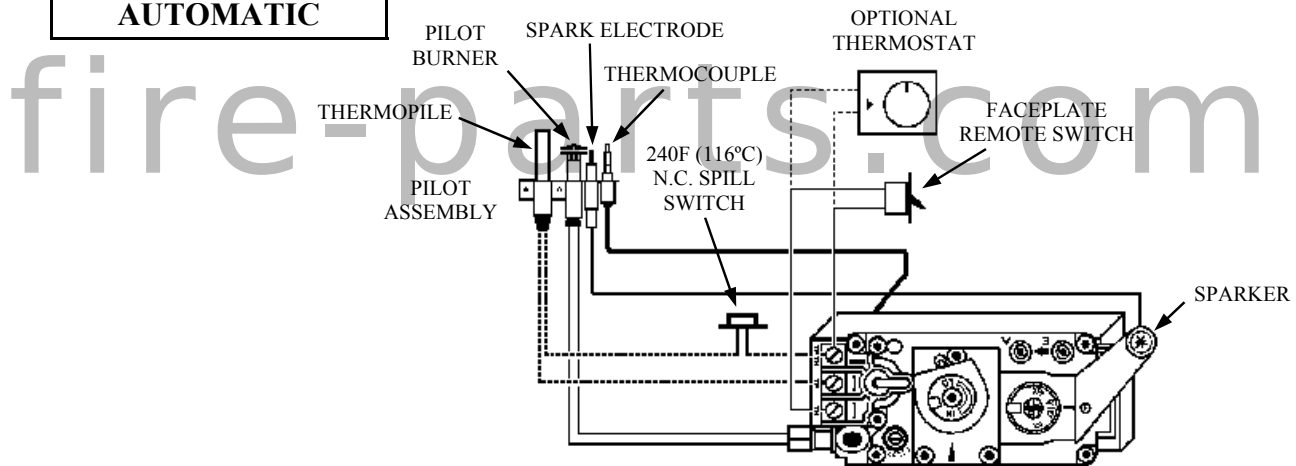
SYMPTOM	ACTION
The main burner does not turn on with the pilot lit. Cont...	<ol style="list-style-type: none"> 3. Check to make sure the thermostat is set high enough to turn on the appliance. 4. Check that the remote switch or the thermostat is turned on. 5. Check for weak pilot flame. If flame is weak, check gas supply, check pilot flame adjustment and check for blockage of pilot orifice. 6. Check for 400-500 mV from the thermopile with the burner off and 200-250 mV with the burner on. If the voltages are lower, the thermopile is defective. 7. Check for defective gas valve.
The main burner shuts off when the appliance is warm.	<ol style="list-style-type: none"> 1. This maybe the normal operation of a wall thermostat installed to appliances. 2. Check for good pilot flames on the thermopile. 3. Check for good voltage from the thermopile. 4. Check for proper functioning of venting system.
Sooty deposits on the glass door.	<ol style="list-style-type: none"> 1. If the flame is yellow and lazy, increase primary air by opening the primary air shutter. 2. Check for proper placement of the logs and branches. See that section in the instruction manual. 3. Check for obstruction of the burner ports by the embers. See that section in the instruction manual. 4. Check for proper venting and blockage of the vent termination. 5. Check manifold pressure and clock input rating for over-firing.
Sharp blue flames with flames lifting off the burner at the ends.	<ol style="list-style-type: none"> 1. Too much primary air. Reduce primary air by closing the primary air shutter. During cold temperatures, some flame lifting may occur during start-up.
Convection blower does not turn on.	<ol style="list-style-type: none"> 1. The convection fan is thermostatically controlled. It will only turn on when the appliance is warmed-up. This may take 5 to 15 minutes with the appliance on high. 2. Check for 120VAC electrical supply to the appliance. 3. Check for proper mounting of the thermal snap disc. 4. Check electrical connections. 5. Check for defective thermal snap disc. 6. Check for defective convection blower speed controller. 7. Check for defective convection blower.

WIRING DIAGRAMS

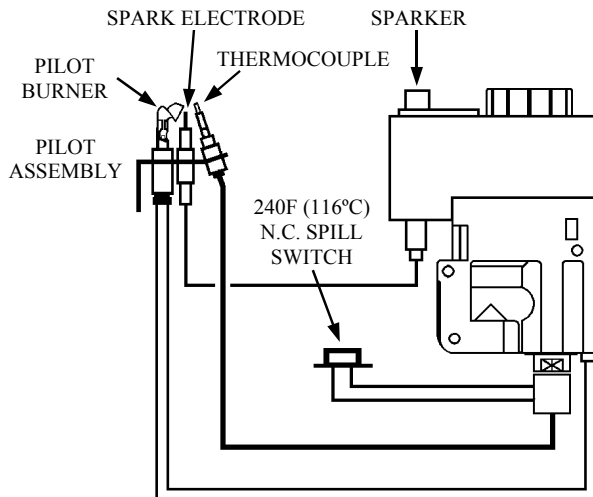
CONVECTION



AUTOMATIC



MANUAL VALVE



SERVICING

SERVICING UNDER WARRANTY

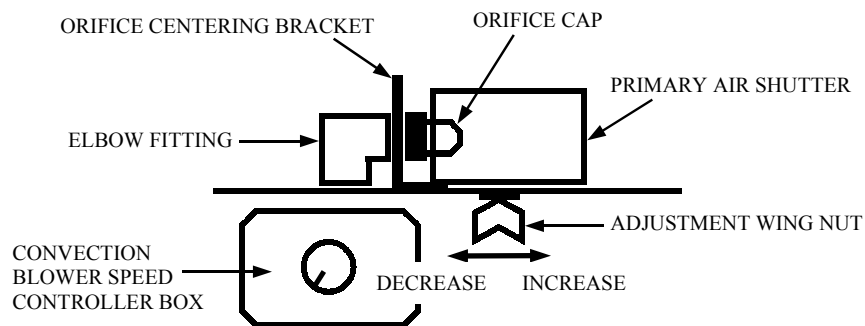
Before servicing, read the terms and conditions of the Archgard warranty at the back of the manual. Contact the Archgard authorized dealer which you have purchase the appliance from and provide him with details of the problem and the installation information which the installer has fill out at the back of the manual.

WARNING: Servicing of this appliance must be conducted by a qualified service technician. Improper servicing, adjustment or alteration of this appliance may cause property damage, personal injury or loss of life. All servicing should be conducted with the appliance cold.

ADJUSTING PRIMARY AIR

- Open the lower grill.
- The primary air adjustment wing nut is located behind and to the right of the convection blower speed controller box.
- Loosen the wing nut and slide the primary air shutter to the right to increase primary air and to the left to reduce primary air.
- Tighten the wing nut after adjustment.

Caution: Wear gloves when adjusting the primary air with the appliance hot.



CHANGING MAIN BURNER ORIFICE

- Remove the glass door, branches and the front log.
- Remove the adjustment wing nut and slide the air shutter away from the orifice cap.
- Use a 1/2" wrench to remove the orifice cap. Be sure to hold the elbow fitting firmly with a wrench.
- Change the orifice cap. Use a small quantity of gas thread seal compound. Do not over tighten.
- Replace the adjustment wing nut and properly set the primary air shutter according to the specifications.
- Replace the front log, branches and the glass door.

SERVICING Cont...

CHECKING INLET AND OUTLET GAS PRESSURE

- Open the lower grills.
- The pressure test taps are located on the valve.

Automatic valve: The taps are located in the front. The inlet is marked 'IN' and the outlet is marked 'OUT'. There is also an arrow marking the direction of gas flow.

Manual valve: The taps are located on the left side of the valve. The connection closest to the back, marked with 'IN' is the inlet and the outlet marked with 'OUT' is closest to the front.

- Loosen the set screw inside the tap with a 1/8" wide flat screw driver.
- Connect a 1/4" rubber tube to the tap and a pressure gauge.
- Be sure to tighten the set screw inside the tap after you are finish taking pressure readings.

REPLACING MAJOR GAS COMPONENTS

If any of the major gas components needs to be replaced, such as the pilot components, gas valve and the burner, we recommend replacing the complete gas component assembly. The assembly is designed to be quickly and easily replaced with minimal inconvenience to the customer. Once replaced, the service technician can repair the defective assembly safely and comfortably in his shop and with the right tools and test equipment. We encourage our authorized dealers to keep a few replacement gas component assemblies at hand for quick servicing.

Replacing Gas Component Assembly

- Disconnect electricity to the appliance.
- Remove the glass door, logs, branches and faceplate (see installation section).
- Shut of the gas to the appliance and disconnect the gas line to the appliance.
- Open the bottom grill and disconnect the connectors of the yellow spill switch wires on the left side of the valve. If the appliance has an automatic valve, also disconnect the wires to the remote switch and thermostat (if installed) wires at the front of the valve.
- Remove the four screws holding the gas component assembly to the appliance. Two screws are located on each side or the assembly.
- Gently lift the assembly up and tilt the back up to clear the front of the valve from the opening. Rotate the assembly so the left side of the assembly comes out of the door opening first. This way the flexible gas connector will pass through the hole on the side of the appliance easily.
- Replacing the assembly is the reverse of the above instructions.

REPLACING CONVECTION BLOWER

- Remove the gas component assembly, see above.
- The convection blower is located at the bottom of the appliance at the back. Remove the three screws holding the blower.
- Lift the blower out and disconnect the wires from the blower.

IMPORTANT INFORMATION

* Please have the installer fill-out the installation information for warranty and future reference.

APPLIANCE			
MODEL NUMBER	OPTIMA 30	SERIAL NUMBER	
GAS TYPE	<input type="checkbox"/> NATURAL GAS <input type="checkbox"/> LPG	VALVE TYPE	<input type="checkbox"/> SIT 630 <input type="checkbox"/> SIT 820
DATE PURCHASED	/ /		
OWNER			
NAME			
ADDRESS			
CITY			
STATE/PROVINCE			
COUNTRY			
ZIP/POSTAL CODE			
PHONE NUMBER			
RETAILER			
COMPANY NAME			
ADDRESS			
PHONE NUMBER			
INSTALLER			
COMPANY NAME			
ADDRESS			
PHONE NUMBER			
INSTALLATION			
INSTALLER NAME		DATE INSTALLED	/ /
GAS TYPE	<input type="checkbox"/> NATURAL GAS <input type="checkbox"/> LPG	GAS SUPPLY PRESSURE	in.w.c.
FIREPLACE TYPE	<input type="checkbox"/> MASONRY <input type="checkbox"/> MFG.	VENT LINER LENGTH	ft.
VENT LINER MFG.		VENT CAP MFG.	
MODIFICATIONS			
INSTALLER'S SIGNATURE			



ARCHGARD LIMITED WARRANTY

This Limited Warranty is made by ARCHGARD INDUSTRIES LTD. hereinafter referred to as "Archgard". Archgard warrants to the original consumer that the gas burning fireplaces will be free from defects in materials and workmanship under normal use and service, for a lifetime.

INCLUSIONS:

- Combustion chamber, burner pans & burner tubes, log sets (including embers & brick panels) and all gold plating.
- Electrical components and gas valves are covered under the warranty for a period of 1 year from purchase.

EXCLUSIONS:

- Paint, glass, trim, gasket, parts which have been tampered with or modified in any way.
- Negligence, misuse, accidental damage.
- Special environmental conditions, which may cause spillage or downdraft conditions due to negative room air pressure, geographical location, inadequate ventilation or excessive offsets.

WHAT TO DO IN THE EVENT OF A PROBLEM:

- Thoroughly read your manual.
- If you cannot solve the problem yourself contact your Archgard dealer or representative.
- When calling for help have the following information available:

Model Name
Serial Number
Place of Purchase
Date of Purchase
Problem Description

NOTE: Warranty may be void if work is carried out by unqualified personnel. Only original Archgard parts may be used. Please consult your Archgard representative if in doubt.

OBTAINING WARRANTY SERVICE:

To obtain warranty service, the consumer shall return the defective part to the original selling dealer transportation prepaid, along with the serial number of the appliance and proof of purchase. Any defective part, in our judgment, will be repaired or replaced at Archgard's discretion. The dealer must obtain approval from an authorized Archgard representative before any repairs are made.

WARRANTY LIMITATION:

THIS LIMITED WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED AS TO QUALITY, MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

The appliance is only warranted for the use as intended by the installation and operating instructions and local building codes. The warranty will not cover damage due to accident, misuse, abuse, alteration or improper installation.

This limited warranty is void unless the appliance is installed by a qualified installer, in accordance with the instructions furnished with the appliance. Some Provinces or States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to the consumer.

Any damages resulting from defects in this product, is limited to replacement of defective parts and does not include incidental and consequential expenses sustained in connection with the product. This warranty is limited to residential use only and gives the consumer specific rights. These rights may vary from State to State or Province to Province.

11 April 2001



Replacement Parts for OPTIMA 30

Item #	Item Description	Qty	Unit
200-0046	OWNER'S MANUAL, OPTIMA 30	1	EA
300-0030	HINGE, BRASS #7629-BB SPRING TO CLOSE	2	EA
300-0031	MAGNET .25 X.875 X 1.0 7# PULL	2	EA
300-0032	CATCH, AMEROCK FOR LOUVERS	2	EA
301-0020	ORIFICE, CAP #37	1	EA
301-0023	ORIFICE, CAP #53	1	EA
305-0012	CORD, POWER 8' - PRONG	1	EA
305-0013	SPEED CONTROL KBMS - 13BV C/W KNOB	1	EA
305-0015	ELECTRIC FAN - CROSSFLOW 115 V FAN LH	1	EA
305-0021	THERMODISC 110 DEG FAN SWITCH	1	EA
305-0026	THERMODISC 300 DEG LIMIT	1	EA
307-0023	GLASS, CERAMIC 12-1/4 x 25-1/4 (OI30)	1	EA
307-0028	GLASS, TEMPERED 12.938 x 19.313 OI30 bay	1	EA
307-0029	GLASS, TEMPERED 6.562 x 12.938 OI30 bay	2	EA
308-0005	PIEZO IGNITOR C/W NUT (JBS)	1	ea
308-0007	PIEZO IGNITOR FOR MOUNTING ON VALVE SIT	1	EA
308-0012	VALVE, SIT NOVA MV LP HI-LO	1	ea
308-0013	VALVE, SIT NOVA MV NG HI-LO	1	EA
308-0052	KNOB EXTENSION, ON/OFF 6"	1	EA
308-0053	KNOB EXTENSION, HI/LO 6"	1	EA
308-0054	PILOT ASSEMBLY, CONVERTIBLE PILOT LP SIT	1	EA
308-0055	PILOT ASSEMBLY, CONVERTIBLE PILOT NG SIT	1	EA
310-0022	LOG SET, ONE PIECE (OI-30/OI45)	1	SET
311-0023	BRICK LINER, RIGHT SIDE (OI-30)(708-1001)	1	EA
311-0024	BRICK LINER, LEFT HAND (OI-30)(708-1001)	1	EA
312-0017	CONNECTOR, GAS 3/8 MIP x 3/8 FIP - 12"	1	EA
314-0000	GASKET GF - TADPOLE 1.38"	75	IN
314-0002	GASKET GF FLAT .500"	60	In
314-0119	Gasket, Valve Tray OI-30 (702-0045)	1	EA
317-0001	BURNER, U TUBE TYPE (701-0001)	1	EA

Parts can be ordered through your local dealer or distributor by giving PART # and DESCRIPTION.

Postage

WARRANTY REGISTRATION

**ARCHGARD INDUSTRIES LTD.
7116 BEATTY DRIVE
MISSION, B.C. CANADA
V2V 6B4**

FOLD DOWN AT LINE

fire-parts.com

FOLD DOWN AT LINE & TAPE CLOSED

Model No: _____ Date Installed: ____/____/____

Name & Address: _____

Telephone: (_____) _____ - _____

Dealer's Name & Address: _____

Installer's Name & Address: _____

Why did you choose this product? _____

Thank you for purchasing our product and filling out this warranty card.