IMPORTANT:
THESE INSTRUCTIONS ARE TO REMAIN WITH THE HOMEOWNER

WARNING: If the information in these instructions 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 vapours 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 neighbour'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.

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, unless a certified kit is used.

WARNOCK HERSEY

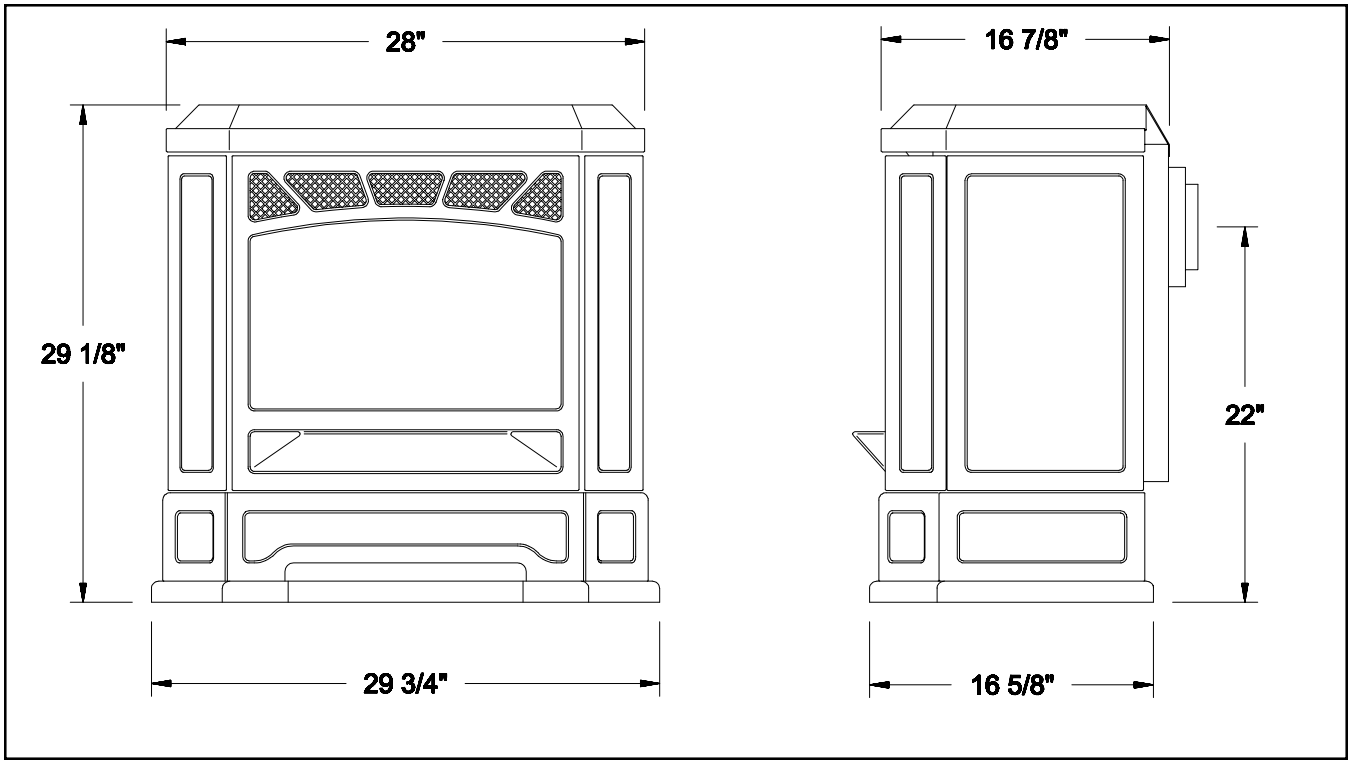
PACIFIC ENERGY

The Oxford

SERIES A
DIRECT VENT HEATER

INSTALLATION AND OPERATING INSTRUCTIONS

Contents



Important: When lit for the first time, the appliance will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. If optional fan kit has been installed, place fan in the "OFF" position. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

It is normal for fireplaces fabricated of steel to give off some expansion and/or contraction noises during the start up or cool down cycle. Similar noises are found with your furnace heat exchanger or cook stove oven.

CAUTION

FOR YOUR SAFETY - Do not install or operate your Pacific Energy fireplace without first reading and understanding this manual. Any installation or operational deviation from the following instructions voids the Pacific Energy Warranty and may prove hazardous.

This appliance and its individual shutoff valve must be disconnected from gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig. (3.5 kPa).

This 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).

SAFETY

- **Due to high temperatures, this gas 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 temperatures and should 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.**

- **Under no circumstances should this fireplace be modified. Any grill, panel or door removed for servicing the unit must be replaced prior to operating. Failure to do so may create a hazardous condition.**

- **Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.**

It is Pacific Energy's policy that no responsibility is assumed by the Company or by any of its employees or representatives for any damages caused by an inoperable, inadequate, or unsafe condition which is the result, either directly or indirectly, of any improper operation or installation procedures.

MAINTENANCE

Caution: Turn off gas and electrical power supply and allow ample time for unit to cool before servicing appliance. It is recommended that this appliance and venting should be inspected at least once a year by a qualified service person.
Do not use this 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 or gas control which has been under water.

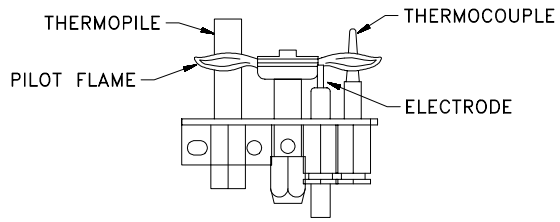
Glass Front
Warning: Do not operate appliance with glass panel removed, cracked or broken. Replacement of glass should be done by a licensed or qualified service person.
Do not strike or otherwise impact the glass in anyway that may cause it to break. If the glass becomes cracked or broken, it must be replaced before using the fireplace. Replacement glass con be obtained from your nearest Pacific Energy dealer. The size required is 12 9/16" x 19 5/8" x 5mm. Use ceramic glass only. **Do not substitute with any other type.**
To remove broken glass, remove the front window overlay to access wing nuts at the bottom of the window frame. Undo wing nuts and swing the bottom out to clear. Lift up and forward to disengage from the top. Remove all particles of glass. Be careful as they are very sharp. Install new glass complete with gasket. Replace frame and overlay in reverse order.

Annual Inspection:
a) Clean air passage ways of excessive lint and dust build-up from carpeting, bedding material, etc. The flow of ventilation air must not be obstructed.
b) Remove glass panel and log set. Inspect logs and burner assembly for lint and soot build-up. If excessive build-up of soot is present, have a qualified service person inspect and adjust unit for proper combustion. Clean logs and burner with a vacuum cleaner, paying close attention to the ports on the burner.
c) Check the pilot system for proper flame size and operation. Clean pilot free of lint and dust. (See Fig. #1)
d) Check that the vent pipe and vent terminal are open and free from blockage or debris. If the venting system is disassembled for cleaning, it must be properly assembled and resealed. Refer to VENTING section for proper procedure.
e) Check glass panel gasket, replace if necessary. It is important that the glass seal be maintained in good condition.
Note: The appliance area must be kept clear and free from combustible materials, gasoline and other flammable vapours and liquids.

Periodically:
a) Viewing glass may be cleaned with fireplace glass cleaner.
b) Exterior finish may be cleaned with mild soap and water.

Caution: - do not use abrasive cleaners on glass or any other part of this appliance.
- do not clean glass when hot.

Fig. # 1



CONTROL ASSEMBLY

Unpack the control valve assembly and inspect all components. **Do not** install if damaged. Remove packaging from the appliance.

1) Open control door to access side panel retaining screws. Loosen screws and swing right side panel open. Note the position of the screws relative to the panel for later reassembly.

2) Install the flexible gas line connector onto valve.

3) With the controls facing forward and the pilot on the left hand side proceed to install the valve assembly (see Fig. # 2). Feeding the pilot through the firebox opening, ensure that the burner orifice inserts into the end of the venturi tube. When installed properly, the valve assembly will sit flat against the side of the firebox.

4) Fasten in place with six #8 x 1/2" sheet metal screws provided; two screws at the top, two in the middle and two at the bottom of the control assembly.

5) Connect burner switch wires to the back of the rocker switch.

6) Insert valve knob extensions through the control panel and onto their corresponding valve knobs.

7) Install optional blower kit, if it is to be installed. See "OPTIONAL BLOWER" section for details.

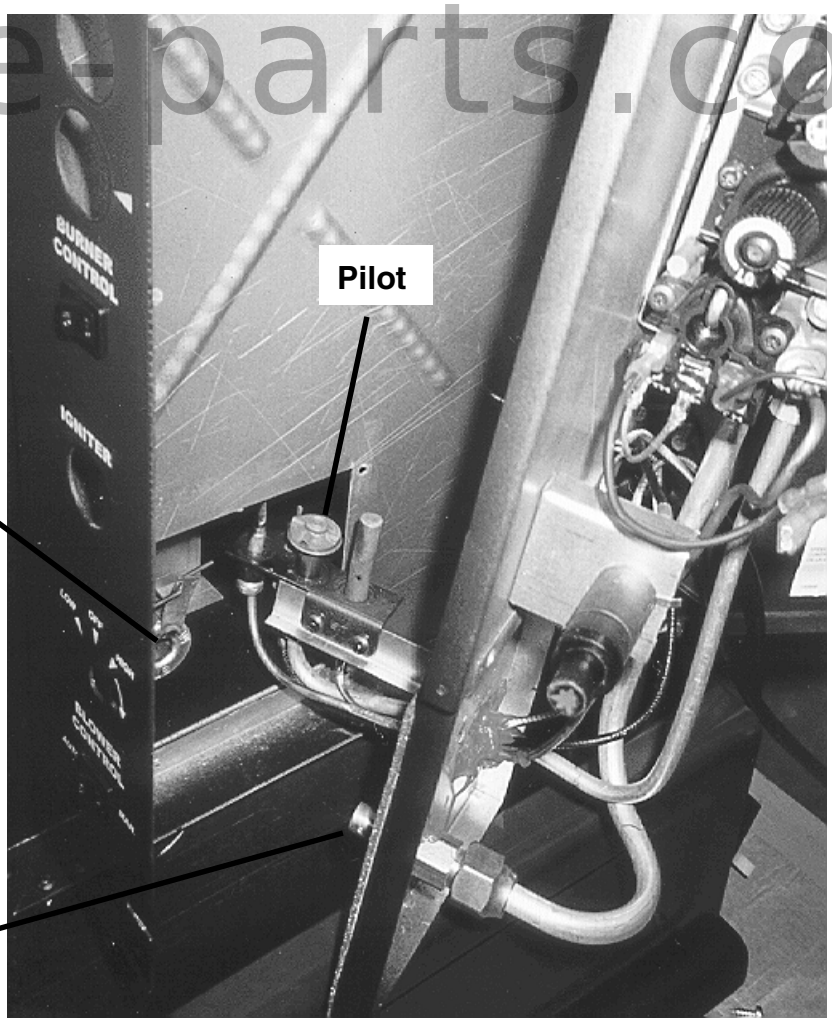
Caution: Before making wiring connections, ensure all electrical power is disconnected!

8) The gas connection may now be made. See "GAS SUPPLY" section for details.

9) Place the self-adhesive label on the rating label into the blank box provided to designate the type of gas the appliance is connected to. The rating plate is located on the left side of the pedestal base.

After all gas connections are checked and operation of the unit is verified, the side panel may be closed. Line up the slots in the control panel with screws in front edge of the side panel. Adjust the side panel so that the control door closes properly and the panel is even with the top panel and pedestal side.

Fig. # 2



GAS SUPPLY

Caution: The gas line should be installed by a qualified service person in accordance with all building codes. Consult local and/ or national building codes before proceeding.
The Oxford comes equipped with a flexible connector with a 3/8" N.P.T. male inlet for easy gas connection.
Correct gas line diameter must be used to assure proper operation.

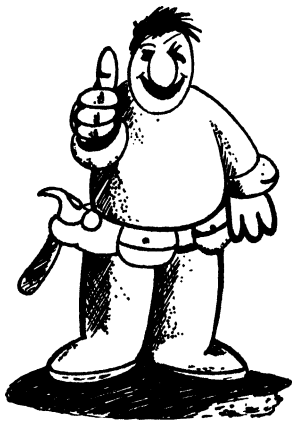
Correct gas pressure requirements:

	Natural Gas	Propane
Min. Pressure (For purpose of input adjustment)	5.0" wc	11.5" wc
Max Pressure	10.5" wc	13.0" wc
Manifold Pressure		
Maximum	3.8" wc	11.0" wc
Minimum	1.1" wc	2.9" wc

The gas control is equipped with a captured screw type pressure test point, therefore it is not necessary to provide a 1/8 inch N.P.T. plugged tapping pressure test port for checking gas pressure immediately upstream of the gas supply connection to the appliance.

FLOOR PROTECTION

The Oxford Direct Vent Heater may be installed directly on a combustible floor. As the Oxford is supplied with its own built in metal base that is wider and deeper than the appliance, no additional floor protection panel is required.



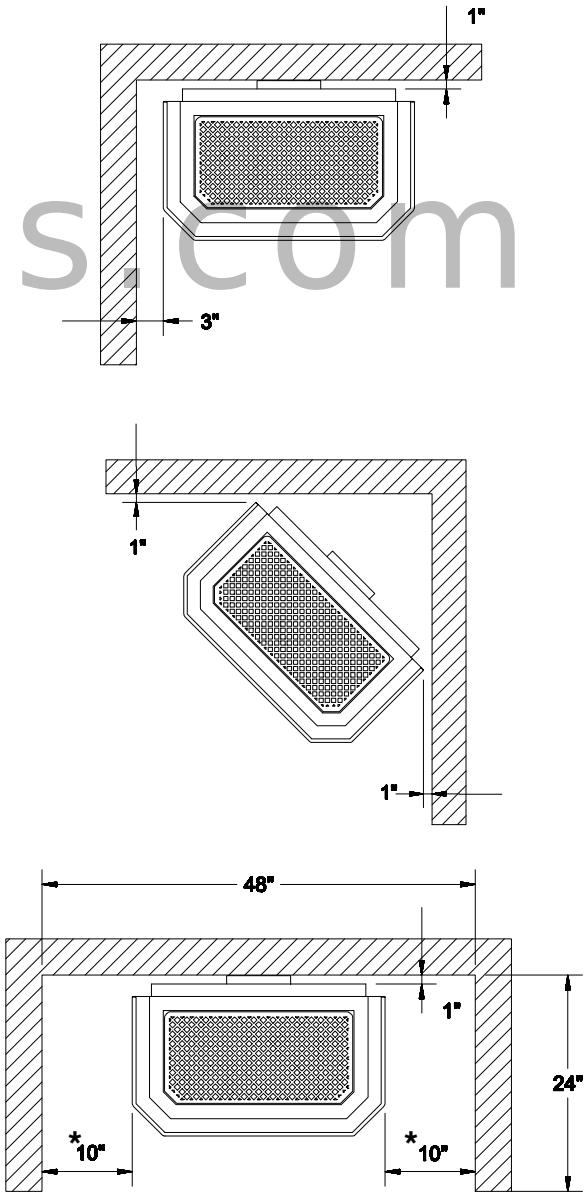
CLEARANCES

The minimum clearances from the appliance to combustibles are shown on Fig. # 3. For purpose of servicing, a 10" right side clearance (side with controls) is recommended. Adequate clearances around air openings and combustion air supply are required.
* Alcove sidewall to appliance clearance is listed at 4 3/4". A 10" clearance is recommended to center the appliance in a 48" minimum wide Alcove.

Fig. # 3

Minimum Clearance to Combustibles

Sidewall to Appliance	**3 in.**	**(76 mm)**
Rearwall to Appliance	**1 in.**	**(25 mm)**
Corner to Appliance	**1 in.**	**(25 mm)**
*** Alcove sidewall to Appliance**	**4 3/4 in.**	**(121 mm)**
Alcove minimum width	**4'**	**(1.2 m)**
Alcove maximum height	**5'**	**(1.5 m)**



ALCOVE HEIGHT - 5' MINIMUM

INSTALLATION PRECAUTIONS

The Oxford Heater installation and venting must conform with local codes or, in the absence of local codes, with the current Canadian Installation Code, CAN/CGA-B149 (in Canada) or the current National Fuel Gas Code, ANSI Z223.1 (in the USA). Only qualified (licensed or trained) personnel should install this product.

The Oxford may be converted to a Vented Room Heater with the optional "B-Vent Adapter". Refer to the installation instructions that are supplied with the kit for proper venting requirements. Only qualified (licensed or trained) personnel should install this product.

VENT SYSTEM

Before starting installation of vent kits, the installer should read these instructions to ensure that the proper vent system has been selected for the installation.

Vent systems approved for use with the Oxford Direct Vent Heater are shown in Figure 4. Approved vent systems components are labelled for identification. **NO OTHER VENTING SYSTEMS OR COMPONENTS MAY BE USED.**

Connections between each vent system component must be tightly joined and sealed, and secured with sheet metal screws at each joint.

Consult your local Building Codes before beginning the installation.

CAUTION: UNDER NO CONDITION SHOULD COMBUSTIBLE MATERIAL BE CLOSER THAN 1-INCH FROM THE VERTICAL AND HORIZONTAL SECTIONS OF THIS VENT SYSTEM.

Fig # 4

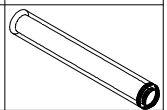
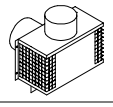
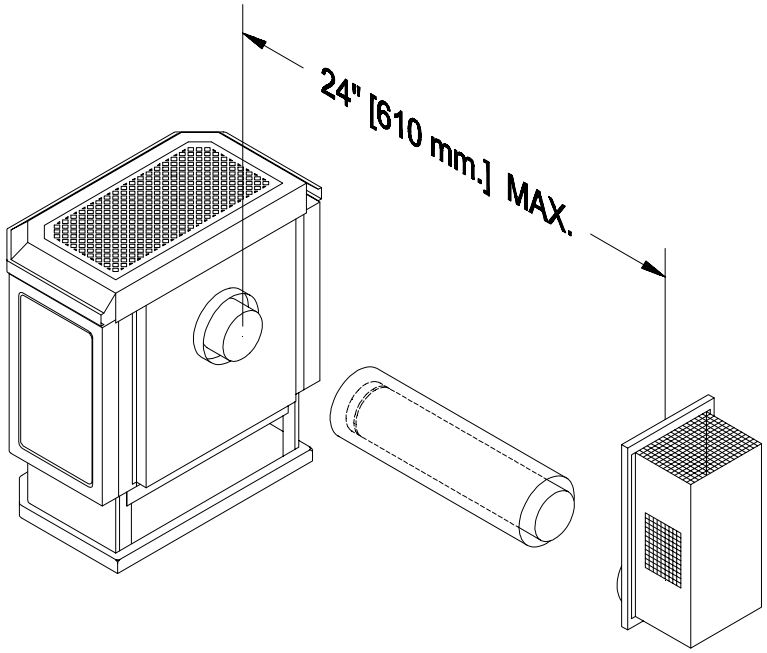
PART #	PART DESCRIPTION	
MFSD.RVT	RISER VENT TERMINAL	
MFSD.STRT 18	18" STARTER PIPE	
MFSD.THIMB	WALL THIMBLE SPACER	
MFSD.1551_ _ *Specify Colour*	TRIM COLLAR (SQUARE)	
MFSD.ELB 45	45° COAXIAL ELBOW	
MFSD.ELB 90	90° COAXIAL ELBOW (2)	
MFSD.WSS	WALL SUPPORT SPACER	
MFSD.CP24	24" COAXIAL PIPE	
MFSD.CP48	48" COAXIAL PIPE	
MFSD.BVADPT	B-VENT ADAPTER	

Fig. # 5



STRAIGHT THROUGH WALL INSTALLATION

1) Determine the exact position of the gas stove so that the direct vent pipe is centred (if possible) between two building framing members. This will avoid any extra framing.

2) Carefully measure up 22-inches from the finished floor and mark the centre of a 9-inch square or round hole. (See Figure # 6)

IMPORTANT: When locating this hole it should be noted that the bottom of the vent terminal must be a MINIMUM of 12-inches above grade, the top of the terminal must be a MINIMUM of 18-inches below combustible material such as a deck or roof overhang and the side of the terminal must be a MINIMUM of 12-inches away from an adjacent wall. (See Figure 10)

3) Cut a 9-inch square or round hole through the exterior wall of the building.

4) Position the wall thimble spacer (WTS) from the inside through the 9-inch hole. (Figure 6). For walls less than 11-inches thick, the thimble must be trimmed back flush with the exterior wall.

5) Attach the trim collar to the flanges of the wall thimble with the screws provided.

6) The coaxial starter pipe (SK 18) may have to be cut to length depending on the wall thickness and/or rear clearance of the stove. Measure the wall thickness from the finished trim collar surface to the exterior mounting surface for the vent terminal. Add 1/4 inch plus rear clearance to the wall thickness (i.e. rear clearance of 1", add 1 1/4" , rear clearance of 3", add 3 1/4" to wall thickness).

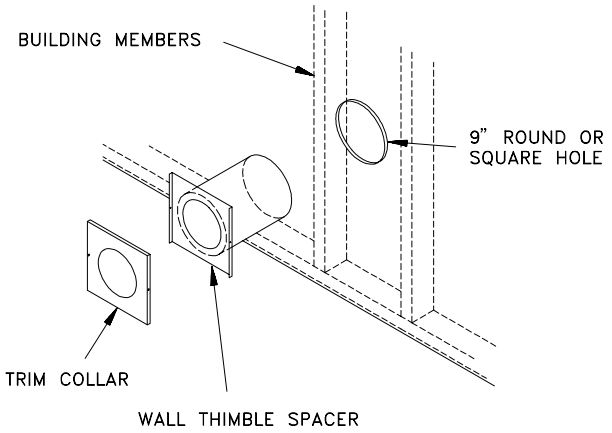
7) Cut both pipes to this length. Do not cut off the crimp-bead off the 5-inch inner pipe.

8) The vent pipe must be attached to the collars of the gas stove with the bead end towards the appliance. Slide the inner 5-inch flue pipe over top of the collar up to the crimp-bead and attach with three sheet metal screws. Seal the joint with high temperature silicone. Next, slide the 7-inch outer pipe over the 5-inch pipe fully and secure to the pipe collar with three sheet metal screws. Assure that the vent pipe is level or has a 1/4" rise for every foot of run towards the termination.

9) Slide the appliance into place, with vent pipe centred in wall pass-through. When the unit is properly installed, the 7-inch vent pipe will project 3/4-inch past the outside wall surface and the 5-inch inner pipe will extend 1-inch past that. Assure that the vent pipe is level or has a 1/4" rise for every foot of run towards the termination.

10) Install vent terminal according to section **VENT TERMINAL INSTALLATION**

Fig. # 6



CORNER INSTALLATION

1) Determine the exact position of the gas stove, making sure the unit will be set at 45° to the walls and the corner clearance will not be less then 1-inch. The vent pipe should be centred (if possible) between two building members. This will avoid any extra framing.

2) Once the desired location is found, carefully measure up 22-inches from the finished floor and make a mark. Next, measure 7-inches plus the actual corner clearance of the appliance over from the corner of the room and make a mark. (i.e. corner clearance of 1", measure 8"; corner clearance of 3", measure 10")

IMPORTANT: When locating this hole it should be noted that the bottom of the vent terminal must be a MINIMUM of 12-inches above grade, the top of the terminal must be a MINIMUM of 18-inches below combustible material such as a deck or roof overhang and the side of the terminal must be a MINIMUM of 12-inches away from an adjacent wall (See Figure 10).

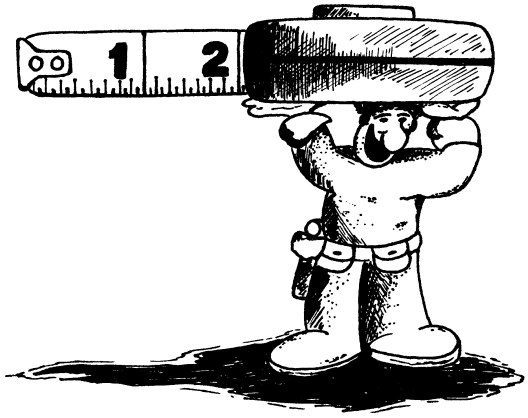
3) Cut a 9-inch square or round hole through the exterior wall of the building.

4) Position the wall thimble spacer (WTS) from the inside through the 9-inch hole. (Figure 6). For walls less than 11-inches thick, the thimble must be trimmed back flush with the exterior wall.

5) Attach the trim collar to the flanges of the wall thimble with the screws provided.

6) Attach the coaxial 45° elbow (LB 45) to the unit. Slide the 5-inch inner elbow pipe 1-inch over top of the collar and secure with three sheet metal screws. Seal the joint with high temperature silicone. Next, slide the outer elbow pipe over the smaller elbow and secure to the pipe collar with three sheet metal screws.

7) The coaxial starter pipe (SK 18) may have to be cut to length depending on the wall thickness and/or corner clearance of the stove. Measure the wall thickness from the finished trim collar surface to the exterior mounting surface for the vent terminal. Add 3 3/4-inches plus corner clearance to the wall thickness. (i.e. corner clearance of 1", add 4 3/4" , corner clearance of 3", add 6 3/4" to wall thickness)



8) Cut both pipes to this length.

9) Slide the inner 5-inch flue pipe over top of the crimped end of elbow and attach with three sheet metal screws. Seal the joint with high temperature silicone. Next, slide the 7-inch outer elbow pipe over the 5-inch elbow fully and secure to the elbow with three sheet metal screws. Assure that the vent pipe is level or has a 1/4" rise for every foot of run towards the termination.

10) Slide the appliance into place making sure vent pipe is centred in wall pass-through. When the unit is properly installed, the 7-inch vent pipe will project 3/4-inch past the outside wall surface and the 5-inch inner pipe will extend 1-inch past that.

11) Install vent terminal according to section **VENT TERMINAL INSTALLATION**

Fig. # 7

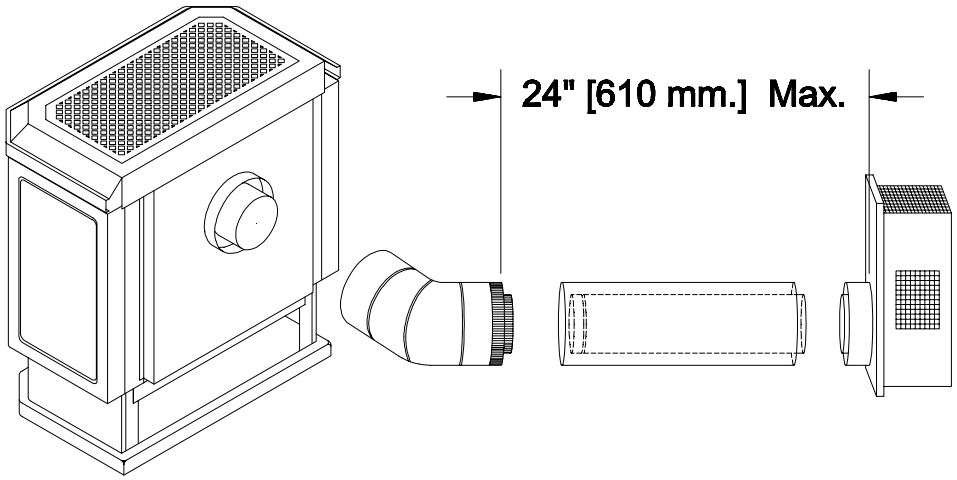
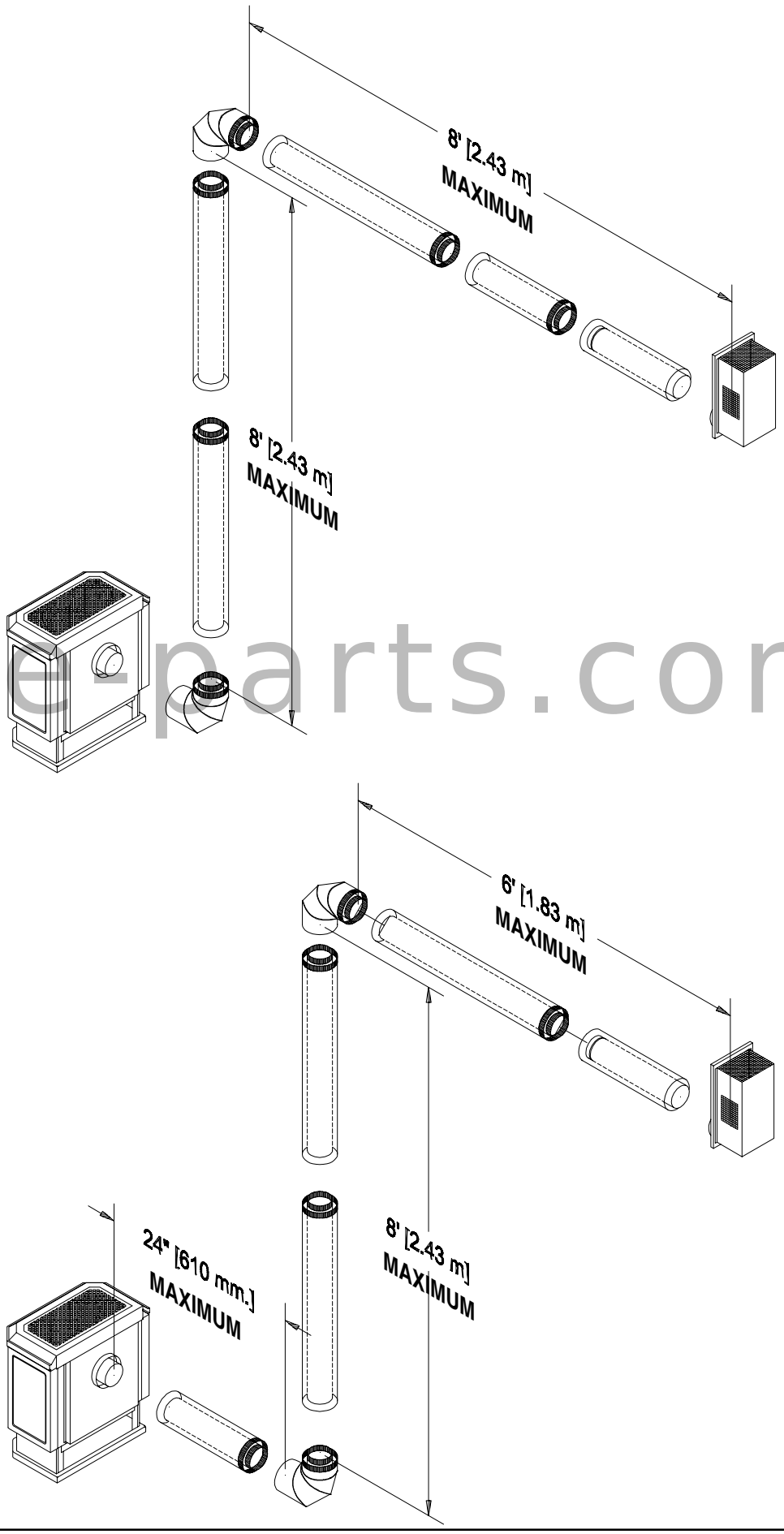


Fig. # 8



BASEMENT INSTALLATION

1) In planning a basement installation it is necessary to determine the exact position of the gas stove, the location of the vent terminal and the length of vent pipe to be used. Various combinations of vertical and horizontal vent pipe may be employed. Always plan your installation to minimize extra framing. The breeching through the exterior wall should be centred (if possible) between two building members.

IMPORTANT: When locating this hole it should be noted that the bottom of the vent terminal must be a MINIMUM of 12-inches above grade, the top of the terminal must be a MINIMUM of 18-inches below combustible material such as a deck or roof overhang and the side of the terminal must be a MINIMUM of 12-inches away from an adjacent wall. (See Figure 10)

2) Attach the coaxial vent pipe or 90° elbow with crimped end away from unit. All joints and seams in the vent system should be sealed with high temperature silicone and secured with screws.

3) Continue adding vent components per the pre-planned system configuration. Support spacer must be used for each 6-feet of vertical and horizontal run. The spacers are placed around the pipe and nailed or screwed to the framing members. Maintain a minimum 1-inch clearance to combustibles.

4) The starter pipe (SK 18 or SK 24) must be the last section in the vent system. The pipe may have to be cut to length depending on the wall thickness and/or position of vent system. Cut both pipes to the same length. Do not cut off the crimp-bead off the 5-inch inner pipe.

5) When the unit and venting is properly installed, the 7-inch vent pipe will project 3/4-inch past the outside wall surface and the 5-inch inner pipe will extend 1-inch past that.

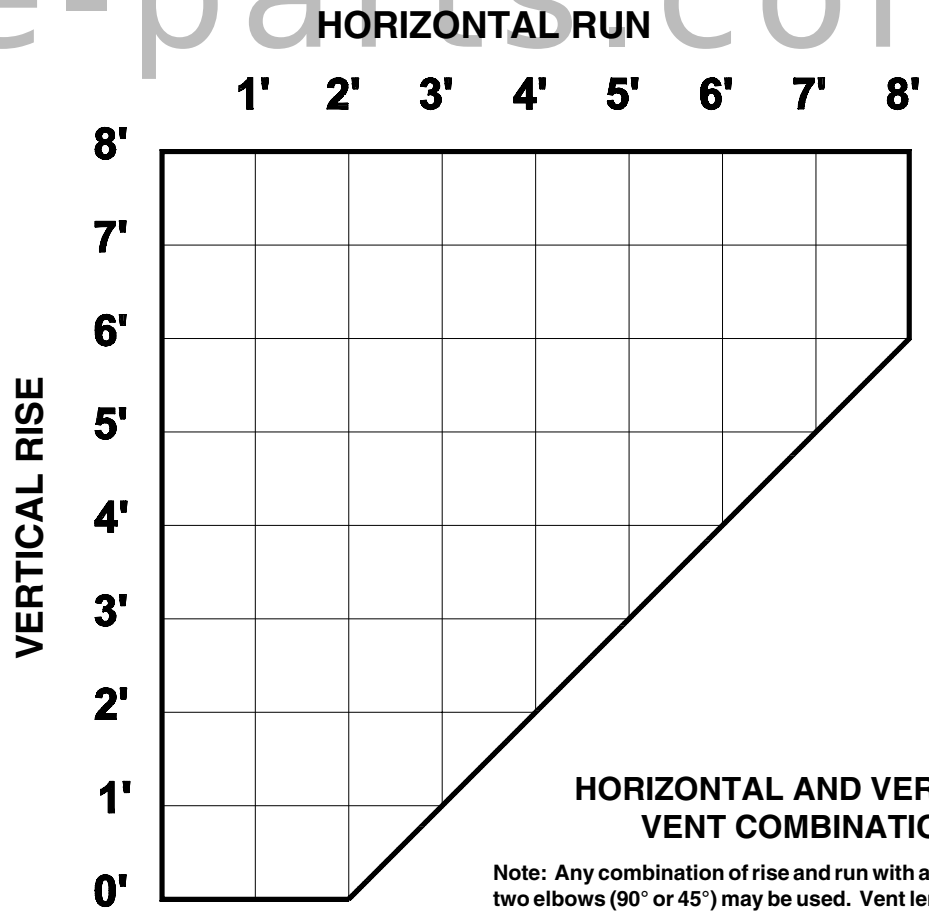
6) Install vent terminal according to section **VENT TERMINAL INSTALLATION**

WARNING: MAKE CERTAIN THAT THE ELBOW ASSEMBLY OR STRAIGHT PIPE SECTION IS PUSHED ALL THE WAY ONTO THE STARTING COLLARS AND IS SECURELY FASTENED.

ATTACHMENT TO FLOOR

Mobile Home installations require that the appliance be firmly attached to the structure. Once the appliance is in it's final location, secure the unit in place through holes in the pedestal base. The holes are located just behind the front access panel on the left and right hand side of the base.

Fig. # 9



HORIZONTAL AND VERTICAL VENT COMBINATION

Note: Any combination of rise and run with a maximum of two elbows (90° or 45°) may be used. Vent length must be constrained to the boundries of this chart. For each additional elbow set, reduce horizontal run by 2 feet.

ALTERNATE VENTING
SIMPSON DURA-VENT - DIRECT VENT GS SYSTEM

The Oxford Direct Vent Heater is tested and certified for use with SIMPSON DURA-VENT DIRECT VENT GS pipe. Kits for venting either through the wall or vertically through the roof are available from Simpson Dura-Vent or your nearest Pacific Energy Authorized Dealer.

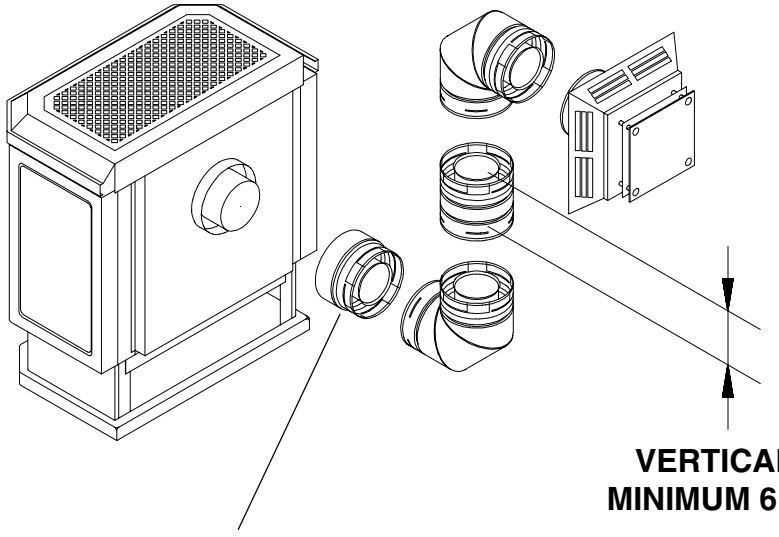
Before installing the Dura-Vent system, the installer should read these instructions to ensure proper installation requirements are maintained. Follow vent pipe manufacturer's instructions for assembly and installation.

CAUTION: UNDER NO CONDITION SHOULD COMBUSTIBLE MATERIAL BE CLOSER THAN 1-1/4 INCHES FROM ANY VERTICAL OR HORIZONTAL VENT SECTIONS OF THE SIMPSON DURA-VENT DIRECT VENT GS SYSTEM.

To connect the Dura-Vent GS venting system to the Oxford Direct Vent Heater flue outlet, an Oxford Pipe Adaptor (PEVT.OXADPT) is required.

Fig. # 9a

WALL TERMINATION
Minimum Installation

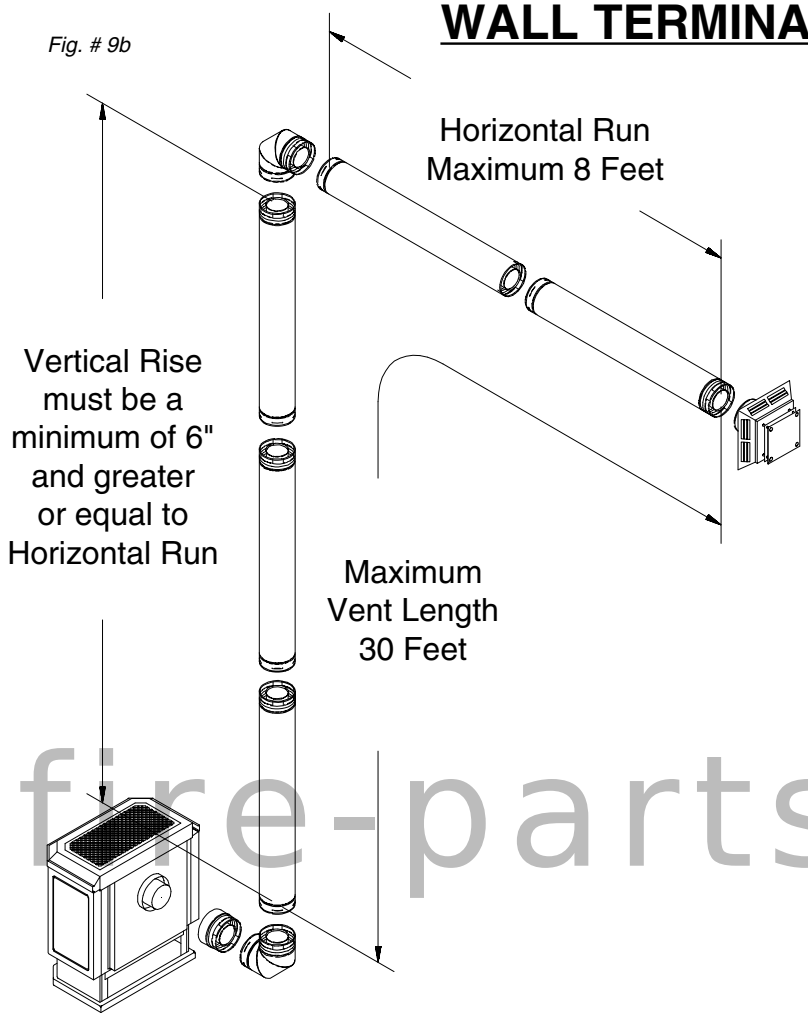


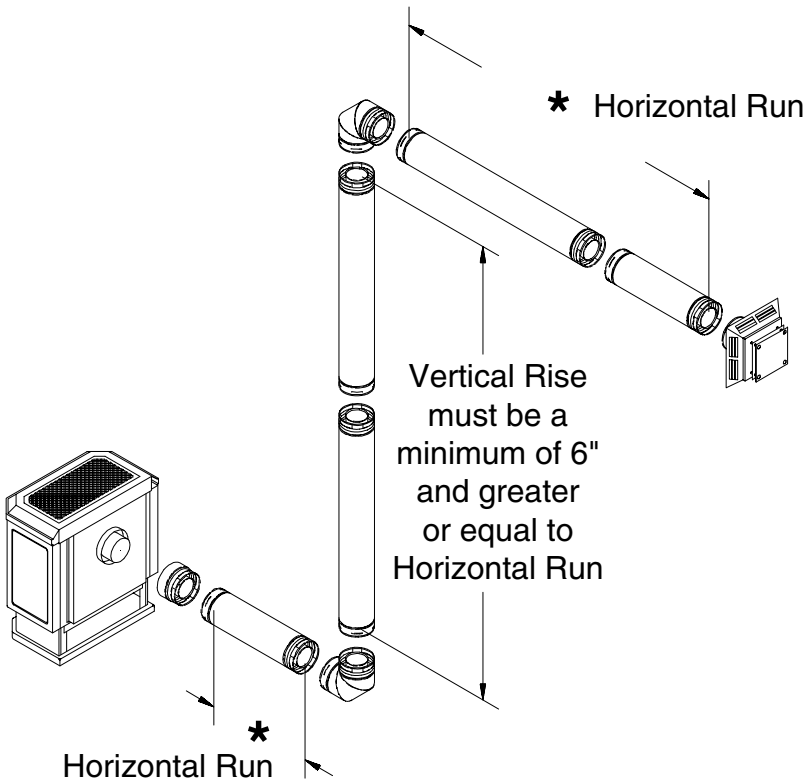
VERTICAL RISE
MINIMUM 6 INCHES

OXFORD DURA-VENT
PIPE ADAPTOR
PEVT.OXADPT

WALL TERMINATION

Fig. # 9b





WALL TERMINATION VENTING

A minimum 6" vertical rise is required for a wall termination (see Fig. #9a).

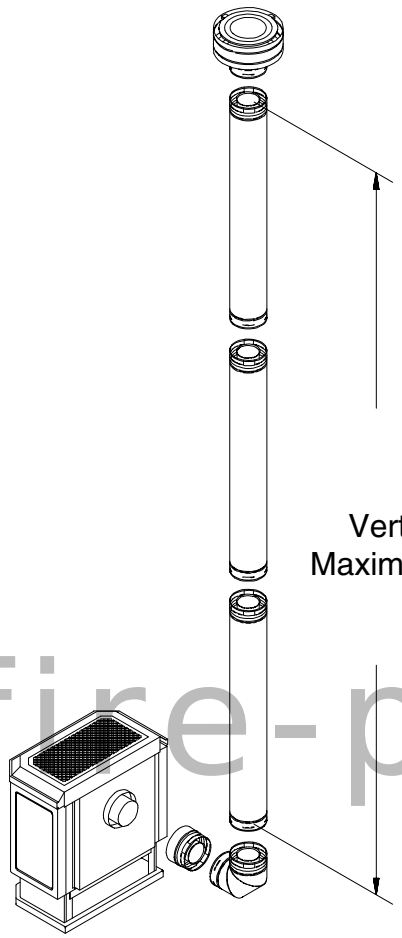
For horizontal runs greater than 6", increase vertical rise equally. Horizontal run must not exceed 8 feet. Any combination of rise greater or equal to run may be used, and must not exceed combined length of 30 feet. If more than 2 elbows are used, reduce horizontal run by 2 feet for each additional elbow.

For optimum performance and flame appearance, keep the vent length to a minimum. Connections between each vent component must be tightly joined and sealed. A horizontal run of vent must have a 1/4 inch rise for every 1 foot of run towards the termination.

* Total horizontal run must not exceed 8 feet. If more than 2 elbows are used, reduce horizontal run by 2 feet for each additional elbow.

ROOF TERMINATION

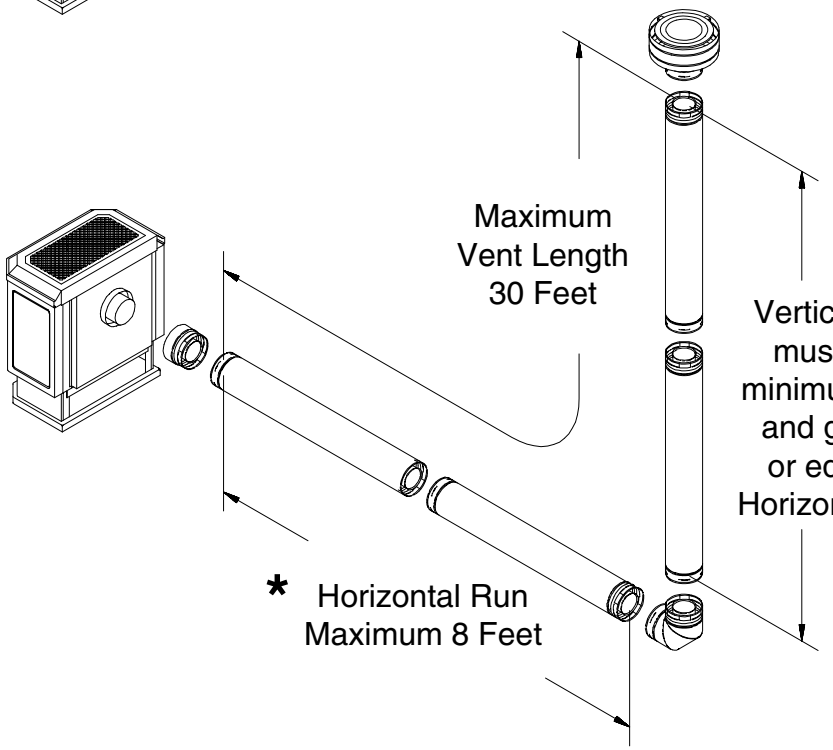
Fig. # 9c



ROOF TERMINATION VENTING

A vertical rise of up to 30 feet is permited with no horizontal run. If horizontal run is required, ensure that vertical rise is equal or greater than run. Horizontal run must not exceed 8 feet. Combined vent length must not exceed 30 feet. If more than 2 elbows are used, reduce horizontal run by 2 feet for each additional elbow.

For optimum performance and flame appearance, keep the vent length to a minimum. Connections between each vent component must be tightly joined and sealed. A horizontal run of vent must have a 1/4 inch rise for every 1 foot of run towards the termination.



* Total horizontal run must not exceed 8 feet. If more than 2 elbows are used, reduce horizontal run by 2 feet for each additional elbow.

Fig. # 9d

Venting System Components	Dura-Vent GS Catalog #	
	galv.	black
6" Pipe Length	908	908B
9" Pipe Length	907	907B
12" Pipe Length	906	906B
24" Pipe Length	904	904B
36" Pipe Length	903	903B
48" Pipe Length	902	902B
11" - 14 5/8" Adjustable Pipe Length	911	911B
90° Elbow	990	990B
45° Elbow	945	945B
High Wind Termination Cap (Vertical)	991	
Low Profile Termination Cap (Vertical)	980	
Extended Vertical Termination Cap (Vertical)	930	
Horizontal Square Termination Cap	984	
Snorkel Termination Cap - 36"	981	
Snorkel Termination Cap - 14"	982	
Vinyl Siding Standoff	950	
Round Ceiling Support/Wall Thimble	940	
Cathedral Ceiling Support Box	941	
Storm Collar	953	
Ceiling Firestop	963	
Roof Flashing 0/12 - 6/12	943	
Roof Flashing 7/12 - 12/12	943S	
Wall Straps	988	
Wall Thimble	942	

Oxford Dura-Vent pipe adaptor	PEVT.OXADPT

PACIFIC ENERGY

VENT TERMINAL INSTALLATION

NOTE: THE VENT TERMINAL MUST BE POSITIONED SO THAT THE FLUE OUTLET IS POINTING UP.

1) Install the vent terminal backing plate on the outside wall (see Fig. #11). When placing the backing plate, make sure the 7" collar inserts into the corresponding vent pipe. Attach backing plate to the outside wall with screws at each corner. Fasten the vent pipe in place with sheet metal screws through the holes provided in the collar.

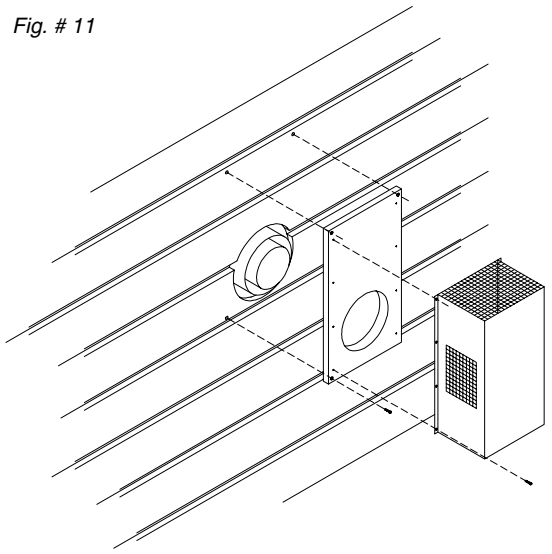
2) Attach vent terminal box to the backing plate with screws provided. Make sure the 5" collar inserts into the corresponding vent pipe.

3) Caulk in place to prevent any moisture entering the structure.

MINIMUM CLEARANCES TO THE VENT TERMINAL MUST BE MAINTAINED. (SEE FIG. # 10)

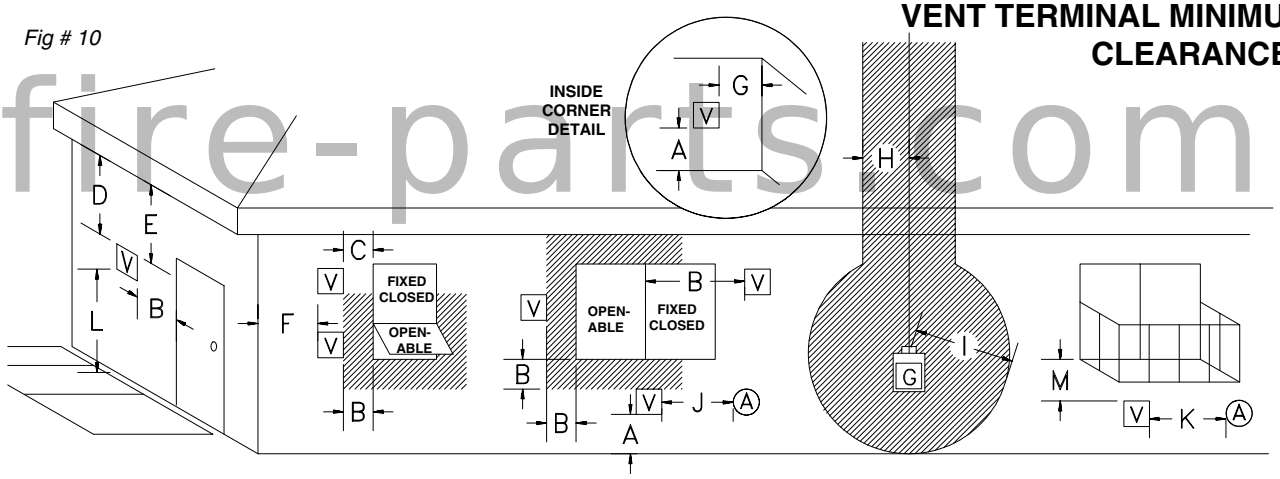
NOTE: LOCAL CODES OR REGULATIONS MAY REQUIRE DIFFERENT CLEARANCES.

Fig. # 11



VENT TERMINAL MINIMUM CLEARANCES

Fig # 10



V VENT TERMINAL

Ⓐ AIR SUPPLY INLET

AREA WHERE TERMINAL IS NOT PERMITTED

G GAS METER

A= clearances above grade, veranda, porch, deck, or balcony [* 12 inches (30 cm) minimum]
B= clearance to window or door that may be opened [* 12 inches (30 cm) minimum]
C= clearance to permanently closed window [minimum 12 inches (30 cm) recommended to prevent condensation on window]
D= vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (60 cm) from the center-line of the terminal [18 inches (46 cm) minimum]
E= clearance to unventilated soffit [18 inches (46 cm) minimum]
F= clearance to outside corner [8 inches (20 cm) minimum]
G= clearance to inside corner [12 inches (30 cm) minimum]
H= * not to be installed above a meter/regulator assembly within 3 feet (90 cm) horizontally from the center-line of the regulator
I= clearance to service regulator vent outlet [* 6 feet (1.8 m) minimum]
J= clearance to nonmechanical air supply inlet to building or the combustion air inlet to any other appliance [* 12 inches (30 cm) minimum]
K= clearance to a mechanical air supply inlet [* 6 feet (1.8 m) minimum]
L= ^ clearance above paved side-walk or a paved driveway located on public property [* 7 feet (2.1 m) minimum]
M= clearance under veranda, porch, deck, or balcony [18 inches (46 cm) minimum**]

^ a vent shall not terminate directly above a side-walk or paved driveway which is located between two single family dwellings and serves both dwellings*

** only permitted if veranda, porch, deck, or balcony is fully open on a minimum of 2 sides beneath the floor*

* as specified in CGA B149 Installation Codes, Note: local Codes or Regulation may require different clearances

* for U.S.A. Installations follow the current National Fuel Gas Code, ANSI Z223.1

GLASS FRONT REMOVAL

The front overlay and glass frame are designed for easy removal. Remove as follows:

Front Overlay Removal:
1) Shut off gas and let the appliance cool if it has been operating.
2) Grasp the overlay with one hand at the base of the arch and the other at the ash lip.
3) Lift up and then forward to disengage. Lifting up approximately 1/4" which will free the overlay from its mounts (see Fig.#12).
4) Place the front overlay in a safe place to avoid damage. Handle enamelled parts carefully to avoid chipping.

Window Frame Removal:
1) Remove two wing nuts located at the base of the window frame.
2) Grasp the sides of the frame and swing the bottom out to clear. Lift up and then forward to disengage from the top. Place face up on a flat, stable surface to avoid damage.

Installation is the reverse of removal. During installation, ensure that the slots in the glass frame engage with the corresponding tabs on the top of the unit (see Fig. #14 below).

Fig. # 12

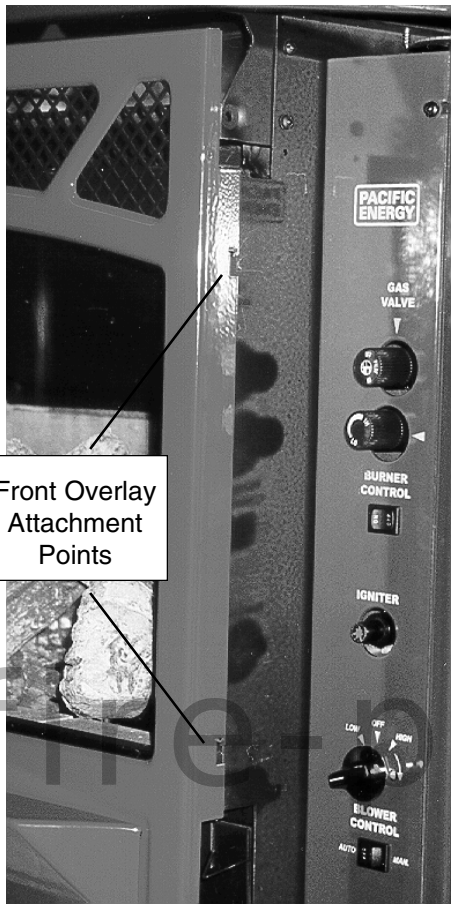


Fig. # 14

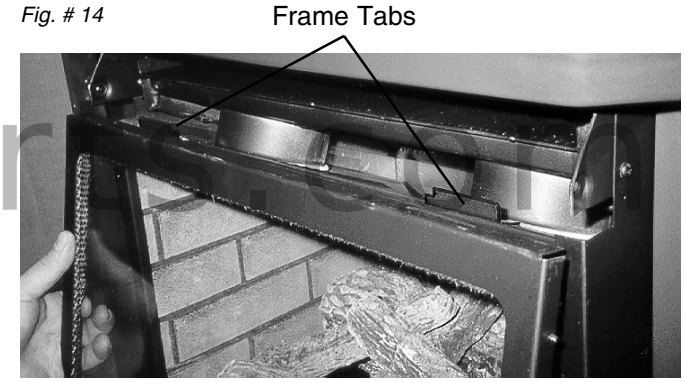
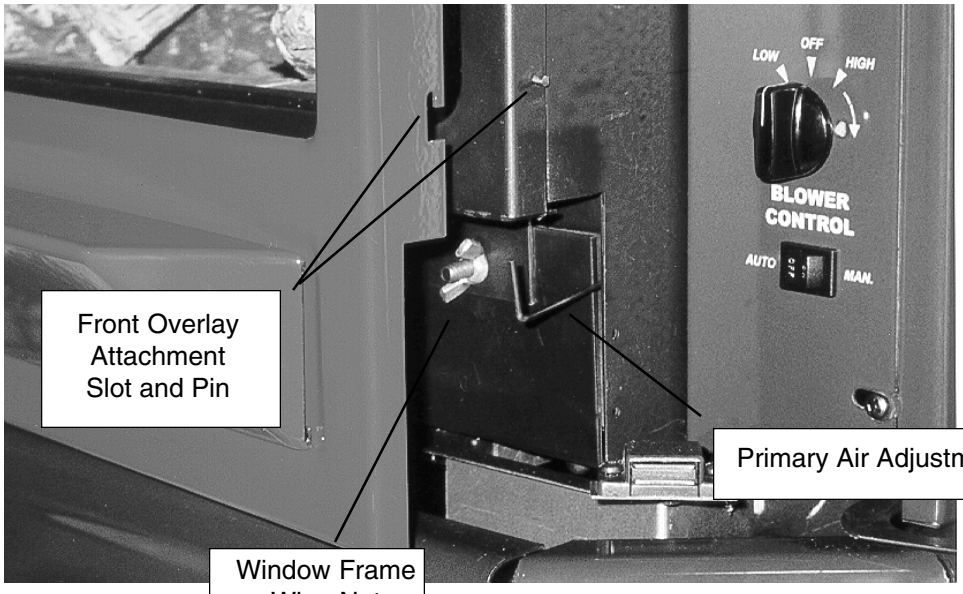


Fig. # 13



LOG SET

Unpack and inspect log set. There should be a total of 6 logs. Gas and vent connections should be made before installing log set. All logs are numbered on the underside for their order of assembly.

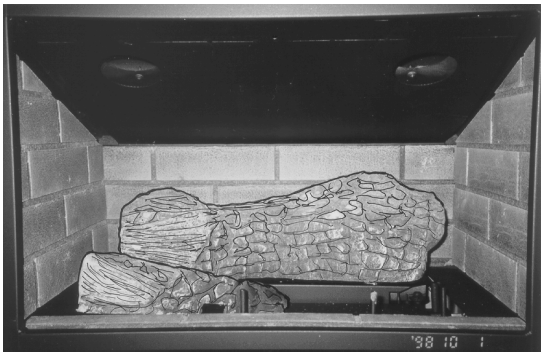
Position the logs as indicated by pictures below. Allow for space between rear log (log #1) and left and right twig (logs #5 and #6) for best results.

Handle logs carefully as they are very fragile.

Note: Improper placement of logs may cause sooting on internal parts and glass.

Step 1
Rear Log Placement (log #1)

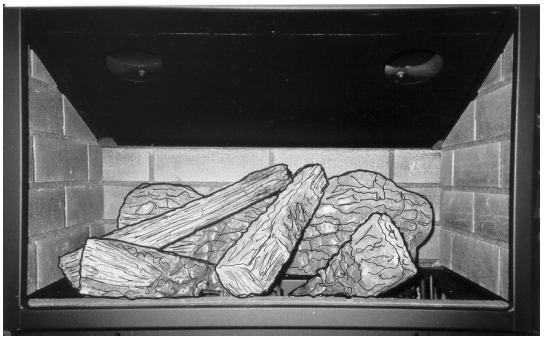
Step 2
Left Log Placement (log #2)



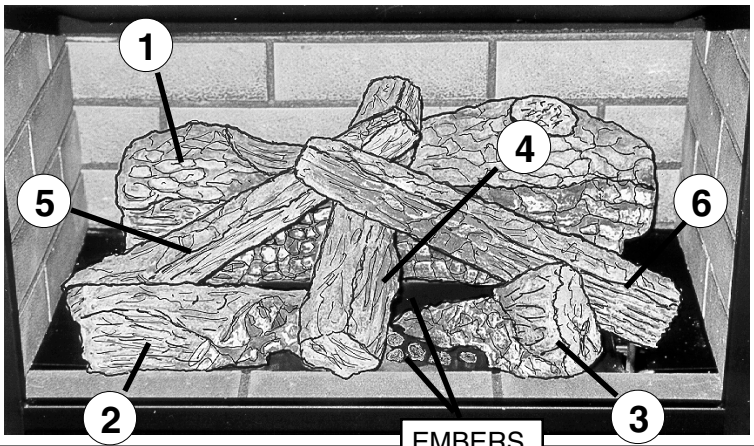
Step 3
Right Log Placement (log #3)

Step 4
Middle Twig Placement (log #4)

Step 5
Left Twig Placement (log #5)



Step 6
Right Twig Placement (log #6)



GLOWING EMBERS

Place 9 to 10 glowing embers randomly on the front burner area as shown in step 6. This will produce the best results.
Note: Only use embers supplied with this appliance. Use of any other materials or incorrectly placed embers may cause an incorrect flame pattern, sooting and/or delayed ignition.

FOR YOUR SAFETY READ BEFORE LIGHTING

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 lighted by hand. When lighting the pilot, follow these instructions exactly.

B. 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 neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

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 & to replace any part of the control system & any gas control which has been under water.

LIGHTING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Set wall thermostat to lowest setting, if applicable.
3. Turn off all electric power to the appliance.
4. Partially depress and turn gas valve knob clockwise past "Pilot" to "Off" position.

Note: Knob cannot be turned from "Pilot" to "Off" unless knob is pushed in slightly. Do not force.

5. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you still smell gas, STOP! Follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
6. Turn gas valve knob back to "Pilot" position.
7. Depress gas valve knob fully and hold while you ignite pilot with the push button igniter. Once the pilot ignites, continue depressing knob for approximately 5 seconds. If pilot does not stay lit, repeat steps 4 through 7, allowing a longer period before releasing gas valve knob.
   - If gas valve knob does not pop up when released, stop and immediately call your service technician or gas supplier.
   - If the pilot will not stay lit after several tries, turn the gas valve knob to "Off" and call your service technician or gas supplier.
8. Turn gas valve knob counter-clockwise to "On" position.
9. Turn HI-LO burner control knob to desired setting.
10. Turn on all electric power to the appliance.
11. Set thermostat to desired setting, if applicable.
    Note: Sufficient time must be allowed for air to escape from lines if the unit is being lit for the first time.

GAS VALVE

GAS VALVE SHOWN IN "OFF" POSITION

TO TURN OFF GAS TO APPLIANCE

1. Set wall thermostat to lowest setting, if applicable.
2. Turn off all electric power to the appliance if service is to be performed.
3. Push in gas control knob slightly and turn clockwise to "Off". Do not force.

Keep burner and control compartment clean. See installation and operating instructions accompanying the appliance.

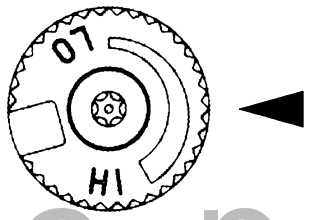
FIRST FIRE

When lit for the first time, the appliance will emit a slight odour for a couple of hours. This is due to the curing of paints, sealants and lubricants used in the manufacturing process. This condition is temporary. Open doors and windows to ventilate area. If optional fan kit has been installed, place fan in the "OFF" position. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

It is normal for fireplaces fabricated of steel to give off some expansion and/or contraction noises during the start up or cool down cycle. Similar noises are found with your furnace heat exchanger or cook stove oven.

Fig. # 15

Manual HI-LO Control Knob



BURNER CONTROL

OPERATION

The Oxford comes equipped with an "ON-OFF" rocker switch. This switch is conveniently located on the control panel just below the burner control knob.
Once a pilot light has been established, and the gas valve knob turned to the "ON" position, the burner may be turned on or off simply with the switch. An optional wall thermostat may be installed to operate the burner automatically.

Manual HI-LO Flame Adjustment:

The HI-LO burner control knob can be rotated in both directions, providing infinite control of gas flow rate to the burner and therefore greater comfort control. The HI setting provides a maximum gas input (flame height), and rotating the knob clockwise toward the LO setting will reduce the gas input (flame height) to a minimum setting.

Wall Thermostat (optional part# GASC.THERMO):

Set the wall thermostat to a comfortable temperature. Turn the HI-LO burner control knob to a desired setting. As heat is required, the Oxford heater will turn on or off automatically, as needed.

Extend Shutdown:

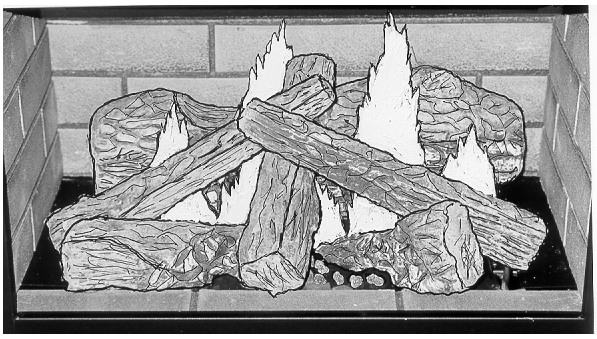
To shutdown the appliance including the pilot, partially depress and turn gas valve knob clockwise past “PILOT” to “OFF” position. DO NOT FORCE.

NOTE: The SIT control has an interlock device which does not allow the pilot to be lit when the appliance is at operating temperature. Let the appliance cool down (approx. 60 sec.) before attempting to relight the pilot. DO NOT use force to rotate the control knob.

PRIMARY AIR ADJUSTMENT

This appliance is provided with primary air adjustment which affects flame height and flame quality. This adjustment is preset at the factory for the best flame appearance for most installations. However, adjustment is available to compensate for varying field conditions, such as vent system configuration or altitude. Adjustment should be done after the appliance has reached operating temperature. See Fig. # 16 below for proper flame pattern.

Fig. # 16



Caution: Firebox side may be hot!
The air shutter adjustment rod is accessible through the control door just below the window frame (see Fig. #13). Pulling the rod forward opens the shutter and decreases flame height. Pushing the rod inwards closes the shutter and increases flame height.

To Adjust: (See Fig. # 13)
1) Open control door to access adjustment rod.
2) Move air shutter adjustment rod in or out until proper flame is achieved.
3) Close control door.

Caution: Proper air shutter setting is a must.

The flame should be just yellow, “lazy” and just below the baffle. It should NEVER be set to create sooting on internal parts and glass. Open air shutter gradually until sooting stops.

OPTIONAL WALL SWITCH OR THERMOSTAT

WARNING: Do not connect electricity to the gas control valve or control wiring system of this unit.
No electrical connection is required for this system operation. The self-generating pilot provides current for the remote wall switch or wall thermostat (not provided).

The installation of a wall switch allows for manual remote operation of fireplace, and automatic operation with a wall thermostat. Use a switch or thermostat rated for millivolts.

Position the wall switch or thermostat so that a minimum length of wire is used from the switch to the fireplace. Use appropriate wire gauge for length of wire. Connect the wall switch to the valve as shown in figure #18.

Recommended Thermostat Wire Size

Wire Size	Max. Length
14 ga	100 ft.
16 ga	60 ft.
18 ga	40 ft.
20 ga	25 ft.
22 ga	18 ft.

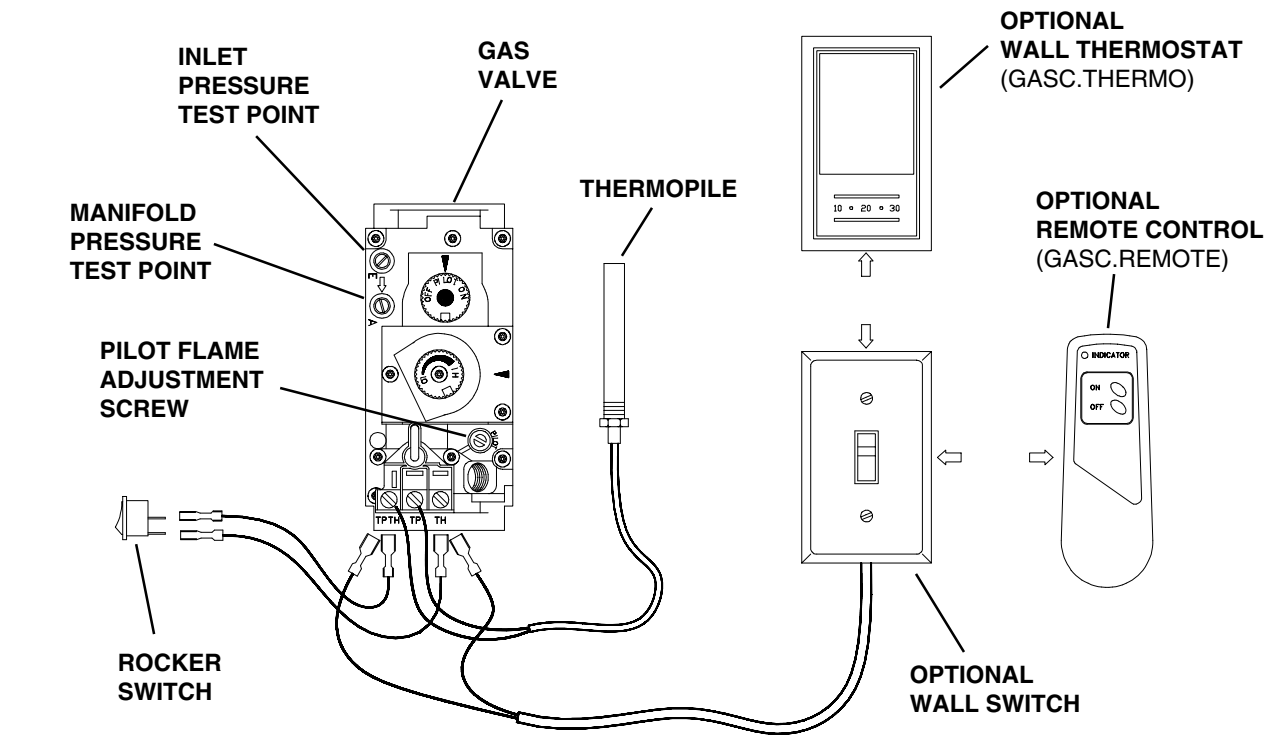
OPTIONAL BLOWER

The optional blower kit (kit #OXFD.BLOW) is equipped with a three prong power cord and may be installed at any time. Follow installation instructions supplied with the kit.

Operation:
The optional circulating air blower is either thermostatically or manually controlled. Set to auto, the fan will only turn on if the appliance is at operating temperature. A few minutes after the appliance is lit and the variable speed control is set at a desired setting, the blower will automatically turn on. The blower will automatically turn off a few minutes after the appliance is shut down.

The blower may also be operated manually. Push the rocker switch to manual position and the blower will operate independent of the burner provided the variable speed control is set.

Fig. # 18



REPLACEMENT PARTS

Fig. # 19

(WHEN ORDERING, INCLUDE PART NUMBER WITH DESCRIPTION)

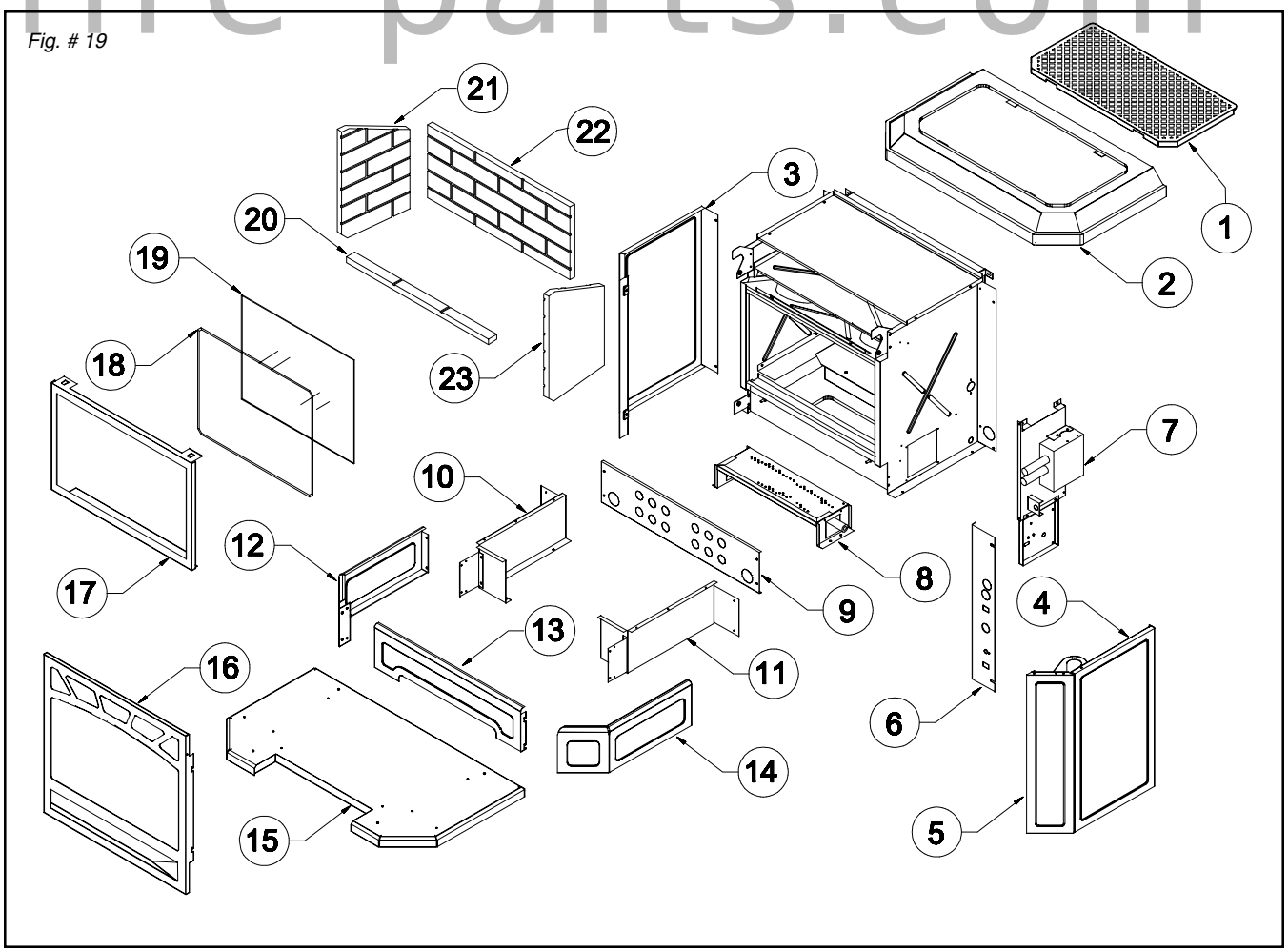
ITEM	DESCRIPTION	PART NO.
1	TOP SCREEN, MET. BLACK	OXFD.2591
	TOP SCREEN, GOLD	OXFD.GDSC
2	TOP PANEL	OXFD.2575_ _
3	LEFT SIDE PANEL	OXFD.2576_ _
4	RIGHT SIDE PANEL	OXFD.2577_ _
5	CONTROL DOOR	OXFD.2578_ _
6	CONTROL PANEL	OXFD.2549_ _
7	VALVE ASSEMBLY, NATURAL GAS	OXFD.NAT
	VALVE ASSEMBLY, PROPANE	OXFD.PRO
8	BURNER ASSEMBLY	OXFD.2510
9	REAR PEDESTAL COVER	OXFD.2544
10	LEFT PEDESTAL SUPPORT	OXFD.2545
11	RIGHT PEDESTAL SUPPORT	OXFD.25455
12	LEFT PEDESTAL PANEL	OXFD.2582_ _
13	PEDESTAL ACCESS PANEL	OXFD.2579_ _
14	RIGHT PEDESTAL PANEL	OXFD.2584_ _
15	PEDESTAL BASE	OXFD.2546

ITEM	DESCRIPTION	PART NO.
16	FRONT OVERLAY	OXFD.2599_ _
17	WINDOW FRAME	OXFD.2518
18	GLASS GASKET KIT	MFSD.50671
19	REPLACEMENT GLASS	5034.1
20	FRONT FIREBOX PANEL	5097.661
21	LEFT FIREBOX PANEL	5097.662
22	REAR FIREBOX PANEL	5097.660
23	RIGHT FIREBOX PANEL	5097.663
	LOG SET, COMPLETE *(not shown)*	5097.6181
	LOG, REAR, #1 *(not shown)*	5097.618
	LOG, LEFT, #2 *(not shown)*	5097.614
	LOG, RIGHT, #3 *(not shown)*	5097.617
	TWIG, MIDDLE, #4 *(not shown)*	5097.612
	TWIG, LEFT, #5 *(not shown)*	5097.611
	TWIG, RIGHT, #6 *(not shown)*	5097.613
	OPTIONAL BLOWER *(not shown)*	OXFD.BLOW

All parts may be ordered from your nearest Pacific Energy Gas Stove dealer. Contact Pacific Energy for the location of the dealer nearest you. When ordering parts, please specify the appropriate finish code. Codes are as follows:

Porcelain Finish	Black	BK	Paint Finish	Metallic Black MB
	Blue	BE		
	Green	GN		
	Ivory	IV		
	Red	RD		

Fig. # 19



-NOTES-

RATING LABEL

WH-

WARNOCK HERSEY

REPORT NO.
476-1494 (SEP. 98)

Pacific Energy Fireplace Products Ltd.
Duncan, British Columbia, Canada

PACIFIC ENERGY

Certified for Canada and U.S.A. /
Certifié pour Canada et U.S.A.

WH-

Made in Canada / Fabrique au Canada

MODEL/ MODELE: THE OXFORD **SERIES/ SERIE: A**

FOR USE WITH/ EN CASE D'EMPLOI AVEC:	NATURAL GAS/ DU GAZ NATUREL	LP GAS/ DU GAZ LP
Minimum supply pressure / Pression minimum d'alimentation: (For the purpose of input adjustment / dans le but de régler l'alimenation)	5.0 in. wc / 5.0 po. c.e. (1.25 kPa)	11.0 in. wc / 11.0 po. c.e. (2.74 kPa)
Manifold pressure / Pression de la tuyauterie: Maximum	3.8 in. wc / 3.8 po. c.e. (.95 kPa)	11.0 in. wc / 11.0 po. c.e. (2.74 kPa)
Minimum	1.1 in. wc / 1.1 po. c.e. (.27 kPa)	2.9 in. wc / 2.9 po. c.e. (.72 kPa)
Orifice Size / Diametre de l'injectuer:	# 45	# 55
Input BTU/hr / Entree BTU/h:	Max.: 21,000 Min.: 10,500	Max.: 21,000 Min.: 10,500

VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUEL
FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE.
ANS Z21.88-1998 / CSA 2.33-1998 Vented Gas Fireplace Heater
CAN/CGA 2.17-M91 Gas-Fired Appliance For Use At High Altitudes., UL 307B-95

This appliance may be converted to a Vented Room Heater with optional "B-Vent Adapter" / Cet appareil pout être converti à un Radiateur Ventile avec facultatif "B-Vent Adapter"
VENTED ROOM HEATER / RADIATEUR VENTILE - Report No. 476-1494. ANS Z21.11.1-1991 Vented Heaters, CAN1-2.1-M86 Gas-Fired Vented Room Heaters., CAN/CGA 2.17-M91 Gas-Fired Appliance For Use At High Altitudes

Blower electrical rating: 115v, 60hz, 0.5A / Normes electriques du ventilateur: 115v, 60hz, 0.5 A.
Optional components: Fan Kit (OXFD.Blow), B-Vent Adapter / Éléments facultatifs: Ventilateur (OXFD.Blow), B-Vent Adapter.
This appliance equipped for altitudes 0 - 4500 ft. (0 - 1372 m) / Cet unite est concu pour des altitudes variant entre 0 - 4500 pieds (0 - 1372 m). Also certified for installation in a bedroom or a bedsitting room / Aussi certifié pour installation dans une chambre à coucher ou une salle de séjour. This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Canadian Installation Codes, CAN/CGA-B149. Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation National Fuel Gas Code, ANSI Z223.1 ou Canadian Installation Codes, CAN/CGA-B149 en vigueur.

MANUFACTURED (MOBILE) HOME / FABRIQUEZ (MOBILE) MAISON: May be installed in Manufactured Homes after the "first sale" - See Instructions. Pouvez être installés dans a Fabriqué des Maisons après le "première vente"- Voit des Directives. Install in accordance with the current standard Mobile Homes, CAN/CSA Z240 MH (in CANADA), and the Manufacturer's Home Construction and Safety Standard, Title 24 CFR, Part 3280, or the current Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, (in the U.S.A.). Cet appareil diot être installé conformemént aux exigences de la norme CAN/CSA Z240 MH en vigueur de l'ACNOR, Installations de gaz dans les Constructions Mobiles.

This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owners manual for details. This appliance is not convertible for use with other gases, unless a certified kit is used.
Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique et peut être installé dans une maison préfabriquée (mobile) installée à demeure si les règlements locaux le permettent. Voir la notice du propriétaire pour plus de détails. Cet appareil ne peut être converti à d'autres gaz sauf si une trousse de conversion certifiée est utilisée.
This vented gas fireplace heater is not for use with air filters. / Ne pas utiliser de filtre à air avec ce foyer au gaz à évacuation.

MINIMUM CLEARANCES TO COMBUSTIBLES / DEGAGEMENT DES MATIERES INFLAMMABLES
Left and Right side are determined when facing the front of the appliance. / Les côtés droit et gauche se determinent en se mettant devant l'appareil et en lui faisant face.
Recommended service clearance from Right Sidewall to Appliance of 12 in. (305 mm) / Il est recommander de laissier un minimum de 12 po. (305 mm) entre le mur de côté et l'appareil afin de permettre acces de service.

Clearances to Combustibles	Regular Installation	Alcove Installation
Sidewall to Appliance/Du mur lateral a l'appareil	3 in./ 3 po. (76 mm)	4 3/4 in./4 3/4 po. (120.6 mm)
Backwall to Appliance/Du mur arriere a l'appareil	1 in./ 1 po. (25 mm)	1 in./1 po. (25 mm)
Corner to Appliance/D'un coin a l'appareil	1 in./ 1 po. (25 mm)	N/A (N/A)
Alcove Size / Grandeur de l'alcôve	48 in. Wide Min. 24 in. Deep Max. 60 in. High Min.	48 po. Large Min. 24 po. Profond Max. 60 po. Haut Min.

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information, consult a qualified installer, service agency or the gas supplier.
AVERTISSEMENT: Une installation, un réglage, une modification, une réparation ou un entretien mal effectué peut causer des dommages à la propriété ou des blessures. Voir la notice de l'utilisateur qui accompagne l'appareil. Pour de l'aide ou d'autres renseignements consultez un installateur, ou un technicien agréé ou le fournisseur de gaz.

171198 **5050.713** **1-OXFD-1**

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