## IMPORTANT: THESE INSTRUCTIONS ARE TO REMAIN WITH THE HOMEOWNER



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## SAFETY NOTICE

If this stove is not properly installed, a house fire may result. For your salety, follow the installation instructions. Contact local building or fire officials about restrictions and installation inspection requirements in your area.

# INSTALLATION AND OPERATING INSTRUCTIONS



TESTED and LISTED to CAN/ULC S627 and UL 1482

Meets the Environmental Protection Agency's May 2015 Particulate Emission Standards











Models Pacific VISTA VISTA CLASSIC SERIES - C

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#### PLEASE SAVE THESE INSTRUCTIONS

This manual describes the installation and operation of the Pacific Energy, VISTA Freestanding wood heater. This heater meets the 2015 U.S. Environmental Protection Agency's crib wood emission limits for wood heaters sold after May 15, 2015. Under specific test conditions this heater has been shown to deliver heat at rates ranging from 12,400 to 26,300 Btu/hr.

NOTE: WE STRONGLY RECOMMEND THAT SMOKE AND CARBON MONOXIDE DETECTORS BE INSTALLED IN THE AREA WHERE THE HEATER IS TO BE INSTALLED.

If smoke detectors have been previously installed, you may notice that they are operating more frequently. This may be due to curing of stove paint or fumes caused by accidentally leaving the fire door open. Do not disconnect the detectors.

SAFETY NOTICE: If this stove is not properly installed, a house fire may result. For your safety, follow the installation instructions. Contact local building or fire officials about restrictions and installation inspection requirements in you area.

Please read this entire manual before you install and use your new room heater. Failure to follow instructions may result in property damage, bodily injury, or even death.

# Safety and Maintenance

1. Burn wood only, dry and well seasoned. The denser or heavier the wood when dry, the greater its heat value. This is why hardwoods are generally preferred. Green or wet wood will cause a rapid buildup of creosote. If you feel it is necessary to burn wet or unseasoned wood, do so only with the air inlet set open enough to maintain a good strong fire and fairly high chimney temperatures. Do not attempt to burn overnight using green wood or wet wood. Wet wood can cause up to 50% drop in heater output, as well as contributing significantly to creosote buildup.

WARNING: Never use chemicals or any other volatile liquid to start a fire. Do not burn garbage, or flammable fluids such as gasoline, naphtha, or engine oil. We strongly recommend that smoke detectors be installed.

- 2. Remove ashes frequently. Embers can roll out the door and create a fire harard. Maintain a 1" minimum ash base.
- 3. If glass becomes darkered through slow burning or poor wood, it can readily be cleaned with a fireplace glass cleaner when stove is cold. Never scrape with an object that might scratch the glass. The type and amount of deposit on the glass is a good indication of the flue pipe and chimney buildup. A light brown dusty deposit that is easily wiped off usually indicates good combustion and dry, well seasoned wood and therefore, relatively clear pipes and chimney. On the other hand, a black, greasy deposit that is difficult to remove is a result of wet and green woor and too slow a burning rate. This heavy deposit is also building up at least as quickly in the chimney. building up at least as quickly in the chimney.

WARNING: ONLY USE MATERIALS SUPPLIED BY MANUFACTURER WHEN DOING MAINTENANCE OR REPLACEMENTS.

- Inspections. 4. DOOR GASKETS -The gasket used by Pacific Energy requires only light pressure to seal. This will prolong seal life. It is important that the door seal be maintained in good condition. Periodically inspect seals and replace if necessary. Obtain a replacement gasket from your nearest Pacific Energy dealer.
- 5. DOOR GLASS -Do not slam loading door or otherwise impact glass. When closing door, make sure that no logs protrude to impact the glass. If the glass gets cracked or broken, it must be replaced before using the stove. Replacement glass can be obtained from your dealer. Only ceramic glass, which measures 8-7/16" x 13-13/16" x 5mm must be used. Do not substitute with any other

To remove broken glass, undo the four retaining screws and remove the frame, noting position for re-assembly. Remove all particles of glass. Be careful, as they are very sharp. Install new glass complete with gasket. Replace frame and screws.

#### CAUTION:

- do not overtighten, tighten screws very carefully
- do not clean glass when hot
- do not use abrasive cleaners on glass
- 6. Do not store wood within heater installation clearances, or within the space required for fuel loading and ash removal. Keep the area around the heater clean and free of loose combustibles, furniture, newspapers, etc.
- 7. If gold door requires cleaning, use mild soap and water only. Use of abrasive cleaners will void warranty.
- 8. Establish a routine for the fuel, woodburning and firing technique. Check daily for creosote buildup until experience shows how often you need to be cleaning to be safe.
- 9. Be aware that the hotter the fire, the less creosote is deposited. Weekly cleaning may be necessary in mild weather, even though monthly cleaning is usually enough in the coldest months when burning rates are higher.
- 10.Instruct all members of your family on the safe operation of the heater. Ensure they have enough knowledge of the entire system if they are expected to operate it. Stress the section on chimney fires and the importance of following the steps outlined "In Case of Chimney Fire".



## Maintenance Checks

Check the following parts for damage such as cracks, excessive corrosion, burned out sections and excessive warping: (See website for descriptions and more detail)

#### Weekly:

- Firebrick Visual, for cracking.
- Door Gasket sagging, placement, damage.

#### Monthly

- Brick rail tabs and brick rails.
- Air riser tube in the back of the firebox.

- The blower should be cleaned out a minimum every six months by using a vacumn on the grill openings in the back and bottom of the blower casing to remove any dust and debris.
- Some warping of the baffle is normal(up to 1/4" or .65cm).
- Replace if the baffle has <u>permanent</u> warping greater than this or has cracking or breakage.
- Please contact your Dealer if you experience any of the damage listed above. Continuing to operate your stove with broken parts may accelerate damage to other parts and may void your warranty

#### **Chimney Smoke and Creosote Formation**

When wood is burned slowly, it produces tar and other organic vapours, which combine with expelled moisture to form creosote. The creosote vapours condense in the relatively cool chimney flue of a slow burning fire. As a result, creosote residue accumulates on the flue lining. When ignited, this creosote makes an extremely hot fire. The chimney connector and chimney should be inspected periodically (at least once every two months) during the heating season to determine if a creosote buildup has occurred. If creosote has accumulated (3 mm. or more), it should be removed to reduce the risk of a chimney fire.

- Highest smoke densities and emissions occur when a large amount of wood is added to a bed of hot coals and the air inlet is closed. The heated wood generates smoke, but without ample air, the smoke cannot burn. Smokefree, clean burning requires small fuel loads, two or three logs at a time or 1/4 to 1/2 of fuel load and leaving the air inlet relatively wide open, especially during the first 10 to 30 minutes after each loading, when most of the smoke
- 30 minutes after each loading, when most of the smoke generating reactions are occurring. After 30 minutes or so, the air inlet can be turned down substantially without excessive smoke generation. Wood coals create very little creosote-producing snoke.

  The cooler the surface over which the wood smoke is passing, the more creosote will be condensed. Wet or green wood contributes significantly to year ote formation as the excess moisture that is boilet of cools the fire, making it difficult for the tars and gases to ignite, thus creating dense smoke and poor combustion. This moisture-laden smoke cools the chimney, compounding the problem by offering the smoke the ideal place to condense. excess more it difficult for the tars and a dense smoke and poor combustion. It is smoke cools the chimney, compounding the property offering the smoke the ideal place to condense. In summary, a certain amount of creosote is inevitable and must be lived with. Regular inspection and cleaning is the solution. The use of dry, seasoned wood and ample combustion air will help to minimize annoying smoke emissions and creosote buildup.

### Chimney Fires

The result of excessive creosote buildup is a chimney fire. Chimney fires are dangerous. Chimney inside temperatures can excéed 2000° F. This causes much higher than normal temperatures in the chimney and on its exterior surfaces. Thus ignition of nearby or touching combustible material is more likely during a chimney fire. Proper clearances are critical during such a fire.

Chimney fires are easy to detect; they usually involve one or more of the following:

- -Flames and sparks shooting out of the top of the chimney
- -A roaring sound
- -Vibration of the chimney

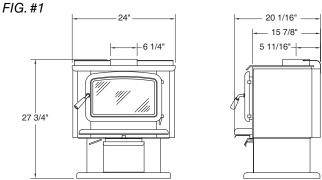
### In Case of a Chimney Fire

- 1. Prepare to evacuate to ensure everyone's safety. Have a well understood plan of action for evacuation. Have a place outside where everyone is to meet.
- 2. Close air inlet on stove.
- 3. Call local fire department. Have a fire extinguisher handy. Contact your local municipal or provincial fire authority for further information on how to handle a chimney fire. It is most important that you have a clearly understood plan on how to handle a chimney fire.
- 4. After the chimney fire is out, the chimney must be cleaned and checked for stress and cracks before starting another fire. Also check combustibles around the chimney and the roof.
- The services of a competent or certified installer, (certified by the Wood Energy Technical Training program (WETT) - in Canada, Hearth Education Foundation (HEARTH) - in U.S.A.,) are strongly recommended.

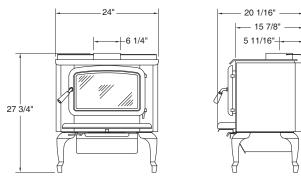
### Avoiding a Chimney Fire

There are two ways to avoid chimney fires:

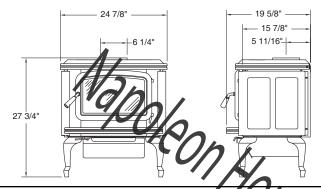
- Do not let creosote build up to a point where a big chimney fire is possible.
- Do not have fires in the heater that may ignite chimney fires. These are hot fires, such as when burning household trash, cardboard, Christmas tree limbs, or even ordinary fuel wood; (e.g., with a full load on a hot bed of coals and with the air inlet excessively open.)







Pacific Vista - Leg Model



Vista Classic

## Assembl

#### **Crate Removal:**

- 1) Carefully remove wood top and supports.
- Remové plastic cover.
- 3) Using a 7/16" wrench, remove lag bolts that secure stove body to bottom pallet.
- Place stove body carefully on its back.
- Using a 3/4" wrench, remove 1/2" nuts and save them for
- 6) Remove pallet retaining brackets from stove bottom.

#### **Pedestal Kit:**

- 1) With the unit on its back and removable cover facing up. align the pedestal mounting holes with the studs on stove bottom.
- 2) Secure in place with 1/2" nuts previously removed.
- 3) Carefully place the unit in an upright position.

### Leg Kit:

- 1) With the unit on its back and removable cover of the ash drawer enclosure facing up, align mounting holes with studs on stove bottom.
- Position the legs on the stove.
- 3) Place the 1/2" washers over the studs and secure in place with 1/2" nuts previously removed.
- 4) Carefully place the unit in an upright position.

### **Optional Ash Cleanout System:**

With stove body laying on its back, remove the ash system hole cover and gasket located under the stove. Discard cover plate and gasket.

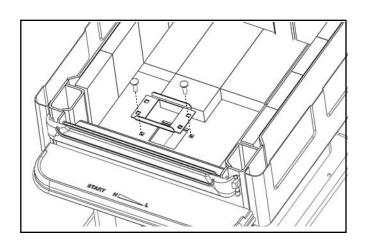
Inside the stove, remove the two bolts for the ash dump on the firebox bottom and insert into the brick retainer with the flarges on the the brick retainer pointed away from the threads on the bolts.

Replace bolts with brick retainer in the firebox bottom.

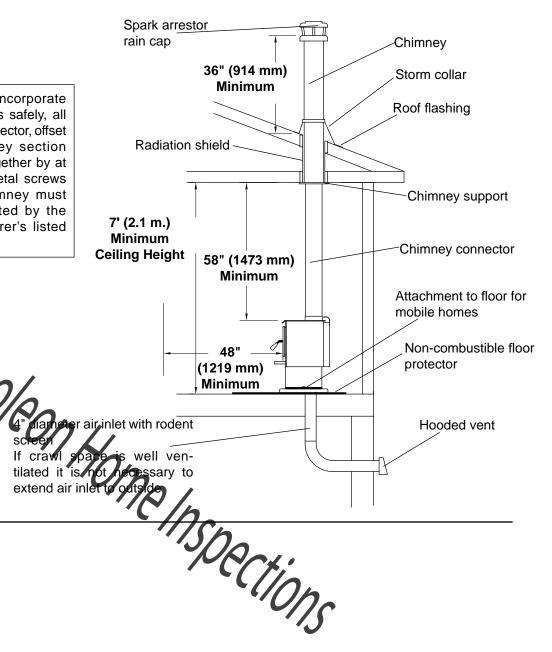
Place new gasket provided over existing bolts.

Install ash dump system over gasket and secure with two

- nuts previously removed.



The chimney may incorporate an offset. To do this safely, all sections of listed connector, offset elbows and chimney section must be screwed together by at least three sheet metal screws per joint. The chimney must be suitably supported by the chimney manufacturer's listed offset support.



PACIFIC ENERGY

# Mobile Home Installation

Warning: Under no circumstances is this heater to be installed in a makeshift or "temporary" manner. It may be

fired only after the following conditions have been met.

• DO NOT CONNECT THIS UNIT TO A CHIMNEY FLUE SERVING ANOTHER APPLIANCE.

DO NOT INSTALL IN SLEEPING ROOM

Outside air supply must be used for Mobile Home

installations (see Fig. #2, Page 6)

The services of a competent or certified installer, certified by the Wood Energy Technical Training program (WETT) - in Canada, Hearth Education Foundation (HEARTH) - in U.S.A., are strongly recommended.

**BOTH CHIMNEY SYSTEM AND CONNECTOR MUST BE** LISTED TO: IN CANADA - ULC S-641 LISTED CONNECTOR AND ULC-S-629 LISTED CHIMNEY, IN USA - UL-103 HT LISTED CONNECTOR AND CHIMNEY

CAUTION: THE STRUCTURAL INTEGRITY OF THE MOBILE HOME FLOOR WALL AND CEILING/ROOF MUST BE MAINTAINED.

#### Clearances

This heater must be installed with isted double wall connector and compatible chimney system.

Pacific Vista and Vista Classic: Clearances to combustible

surfaces and materials are shown in Figure a page 4. Clearances may be reduced with various heat it ti**ng** materials. Consult local fire codes and authorities local

### **Chimney and Chimney Connector**

This heater must be installed with double wall connector and compatible chimney system.

NOTE: Longer chimney lengths and different pitch flashings may be used. All other parts listed must be installed (see Figure #2, Page 6). Install all components to the connector or chimney manufacturer's installation requirements. Consult your chimney supplier for installation advice.

#### **Procedure**

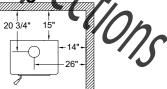
Note: See "Combustion Air" section on page 8.

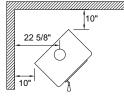
- 1. Position stove and floor protection with the clearances as stated on the label or as in Figure #1a and 1b, page 4 &
- 2. Mark the position for the hole in the ceiling and roof by using a string and plumb-bob.
- Check that the intended location will not interfere with floor joists, ceiling joists or rafters before proceeding further.
- Cut a hole in the ceiling and roof to suit the chimney system and frame in the sides. The chimney support is mounted to the framing.
- 5. Assemble chimney sections (twist locks) so the finished length is resting on support and protruding through the roof. Avoid having joints between ceiling and roof. Install radiation shield. Assemble flashing and storm collar and be sure to maintain the vapour barrier at this point. (Seal securely) Attach rain cap and check flashing for leaks.
- 6. Install connector as per manufacturer's instructions.
- Attach stove to flooring using two 1/4" x 2" or longer lag screws.

FIG. #3

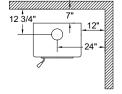
## **Minimum** Clearance to **Combustibles**

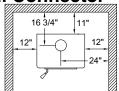






### **Double Wall Connector - Residential**

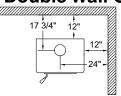


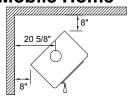




Alcove height - 7' min. Alcove depth - 3' max.

### **Double Wall Connector - Mobile Home**





# Residential Installation

Warning: Under no circumstances is this heater to be installed in a makeshift or "temporary" manner. It may be fired only after the following conditions have been met.

- DO NOT ATTEMPT TO CONNECT THIS HEATER TO ANY AIR DISTRIBUTION DUCT.
- The services of a competent or certified installer, certified by the Wood Energy Technical Training program (WETT) - in Canada, Hearth Education Foundation (HEARTH) - in U.S.A., are strongly recommended.
- Outside combustion air may be required in your area: Consult local building codes.

BOTH CHIMNEY SYSTEM AND CONNECTOR MUST BE LISTED TO: IN CANADA - ULC S-641 LISTED CONNECTOR AND ULC-S-629 LISTED CHIMNEY, IN USA - UL-103 HT LISTED CONNECTOR AND CHIMNEY

#### **Clearances**

1. This heater may be installed using a single-wall connector (smoke pipe) or a listed double-wall connector.

Pacific Vista and Vista Classic. Clearances to combustible surfaces and materials are shown in Figure #1a, page 4.

Clearances may be reduced with various heat insulating materials. Consult local fire codes and authorities for approval.

### Chimney

Connect to a listed Factory-Built Chimney or a chimpey stip able for use with solid fuel that is lined and in good condition and meets building code. Chimney flue exit is to be 3' (1 m) above roof and 2' (.6 m.) above the highest projection within 10' (3 m.). The installation must meet all local codes. Do not connect this unit to a chimney flue serving another appliance. Minimum chimney height is 15' (4.6 m.) measured from base of appliance.

#### **Double-wall Connector**

- \* Use a listed double-wall connector for use with solid fuel.
- Install all components to the chimney connector manufacturer's installation requirements.

## Single-wall Connector (Smoke Pipe)

Smoke pipe must be:

- \* secured at every joint and collar with 3 sheet metal screws
- \* installed with the crimped or male ends pointing down.
  This will carry any liquid creosote or condensation back into the stove
- \* The chimney connector should not pass through attic or roof space, closet or similar concealed space, floor, ceiling, wall, or partition of combustible material. Floor protection is required under horizontal chimney connector and 2" beyond each side.

#### **Procedure**

- If a listed chimney and double-wall connector is to be connected to the stove, see MOBILE HOME INSTALLATION section. (Outside combustion air may not be required, consult local building codes.)
- 2. If it is desirable to use single wall connector in conjunction with insulated chimney, see step 4.
- 3. If a roof or ceiling support is used in the installation, you will find the chimney manufacturer's complete instructions packed with the roof support.
- 4. To start installing single wall connector (smoke pipe), slip crimped edge of the pipe inside the stove collar. Use holes provided in collar to secure pipe with two screws.
- 5. Install the remaining lengths of pipe, one on top of the other, to the finished height of the chimney connector and secure to each other. When approaching the ceiling, slip the ceiling trim plate and joist shield over the chimney so that after the chimney is extended through the ceiling, the trim plate can be secured to the ceiling.



## Floor Protector

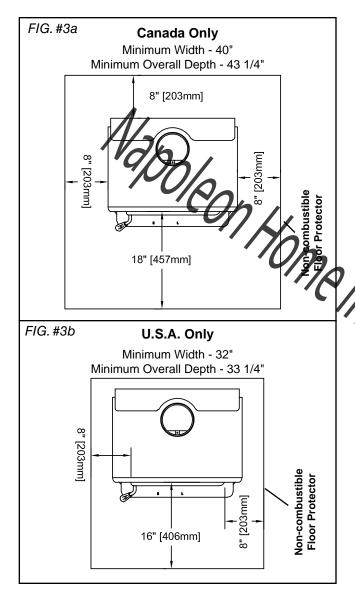
The stove may be installed on a combustible floor provided non-combustible protection is used.

This protection must extend as follows:

In Canada: 18" (457 mm) on the firing side and 8" (203 mm)

to the other sides. See Figure #3a below.

**In USA:** 16" (406 mm) to the front and 8" (203 mm) to the fuel loading door opening. See Figure #3b below. This protection is also required under the chimney connector and 2" (51 mm) beyond each side.



## **Combustion Air**

Intake or combustion air can be supplied to the stove in one of two ways. Consult your local building code or CAN/CSA-B365, Installation Code for Solid-Fuel-Burning Appliances and Equipment before proceeding.

 Outside air supply - (Necessary for mobile home installation, optional for residential installation.) Outside air may be drawn from either underneath the stove or from behind.

To draw outside air through the floor, leave the 4" knockout or cover plate in place in the rear of the pedestal or leg kit ash box enclosure.

**Pedestal Model:** Cut or drill a 4" diameter hole in the floor anywhere inside the perimeter of the pedestal. Cover the hole with a 4" x 4" (100 mm x 100 mm) rodent screen and staple/nail in place.

**Leg Model:** Cut or drill a 4" diameter hole directly below the bottom hole of the ash box enclosure. Connect enclosure to the floor with a short 4" diameter pipe. If you wish to connect the outside air to the rear hole on the ash box, then remove the 4" knockout or cover plate at the rear of the ash box.

This hole must get its air from a **ventilated** crawl space or be extended with duct to the outdoors (see Figure #2, Page 6). The use of outside combustion air for residential installation requires the unit to be secured to the structure to prevent dislodging of the air duct.

To draw outside air from behind the stove, an outside air adaptor may be required (see Optional Blower section). Cut or drill a 4" hole through a wall behind the unit. Use an appropriate household 4" inlet. You must remove the rear cover plate from the pedestal or move the cover plate the rear of the leg kit ash box enclosure to cover the bottom hole.

- Note. This upit is not designed to be operated with the firing door oper. In addition to the obvious hazard of sparks landing of combustibles, an open fire door will cause the heater to draw air from the living space and possibly cause suffocation.
- Room air supply Remove the cover plate from the rear
  of the pedestal or leg kit ash box enclosure. The stove
  will now draw its air from the room through this opening
  and into the firebox intake.

**Note:** The living space around the heater must be well ventilated with good air circulation. Anything that may cause a negative pressure can cause gases or fumes to be pulled into the living area. During extremely cold weather, and especially when burning at very slow rates, the upper parts of the exposed chimney may ice up, partially blocking the flue gases. If blockage occurs, flue gases may enter living space.

## peration

**CAUTION:** Never use gasoline, gasoline type lantern fuel, kerosene, charcoal lighter fluid or similar liquids to start or "freshen up" a fire in this heater. Keep all such liquids well away from the heater while it is in use.

CAUTION: Hot while in operation. Keep children, clothing and furniture away. Contact may cause skin burns.

#### Over Firing

Your PACIFIC ENERGY heater is designed for many years of trouble free operation. Over firing the appliance will shorten the life of the product. Failure to recitify an over firing condition can be hazardous and may void the manufacturer's warranty.

#### Wood Selection

This heater is designed to burn natural wood only. Higher efficiency and lower emissions generally result when burning air-dried seasoned hardwoods, as compared to softwoods or to green or freshly out hardwoods.

Wood should be properly air died (seasoned) for six months or more. Wet or undried wood will cause the fire to smoulder and produce large amounts of creasore. Wet wood also produces you will be best and tond to the standard of th

duces very little heat and tends to go

#### DO NOT BURN:

- -Salt water wood \*
- -Wet or green wood
- -Garbage\*
- -Lawn clippings/yard waste
- -Unseasonedwood -Manure or animal remains
- -Railroad ties
- -Materials containing rubber, including tires
- -Materials containing plastic
- -Waste petroleum products, paints or paint thinners, or asphalt products
- -Materials containing asbestos
- -Construction or demolition debris
- -Paper products, cardboard, plywood, or particleboard.
- \* These materials contain chlorides which will rapidly destroy metal surfaces and void warranty.

Burning these materials may result in the release of toxic fumes or render the heater ineffective and cause smoke.

The prohibition against burning these materials does not prohibit the use of fire starters made from paper, cardboard. saw dust, wax and similar substances for the purpose of starting a fire in an affected wood heater.

Do not burn anything but wood. Other fuels, eg. charcoal, can produce large amounts of carbon monoxide, a tasteless, odourless gas that can kill. Under no circumstances should you attempt to barbecue in this heater.

#### **How to Test Your Wood**

Add a large piece of wood to the stove when it has a good large bed of coals. It is dry if it is burning on more than one side within one minute. It is damp if it turns black and lights within three minutes. If it sizzles, hisses and blackens without igniting in five minutes it is soaked and should not be burnt

#### Lighting a Fire

WARNING: Never use chemicals or any other volatile liquid to start a fire.

- 1. Adjust air control to "High" position(all the way to the left) and open door.
- 2. Place crumpled newspaper in the centre of the heater and criss-cross with several pieces of dry kindling. Add a few small pieces of dry wood on top.
- 3. Ignite the paper and leave the door ajar approimately 1/2"(13mm) - 1"(25mm) until the wood kindling is fully engulfed in flame.
- 4. After the kindling is fully engulfed add a few small logs. Close door.
- 5. Begin normal operation after a good coal base exists and wood has charred.

#### **Curing of the Paint Finish**

When burning your stove for the first 2-3 times it is very important that the room be well ventilated. Open all windows and doors. Smoke and fumes caused by the curing process may cause discomfort to some individuals.

#### **Normal Operation**

WARNING: This wood heater has a manufacturer-set minimum low burn rate that must not be altered. It is against federal regulations to alter this setting or otherwise operate this wood heater in a manner inconsistent with the operating instructions in this manual.

- Set air control to a desired setting. If smoke pours down across the glass (waterfall effect) this indicates you have shut the control down too soon or you are using too low a setting. The wide range control panel makes finding the plesired setting for your application easy. As every home's the ating needs vary (ie. insulation, windows, climate, etc.)
  the or per setting can only be found by trial and error and
  should be noted for future burns.

  To refuel, adjust air control to "H" (Start) position, and
  give the first injecto brighten. Open the door slowly, this
  will prevent backpuffing.

  Use wood of different shape, diameter and length (up to
  18"). Load your wood and try to place the logs so that
  the air can flow between them. Always use dry wood
- the air can flow between them. Always use dry wood.
- 4. Do not load fuel to a height or in such a manner that would be hazardous when opening the door.

WARNING: Always keep loading door closed when burning. This heater is not designed for open door burning.

WARNING: No alteration or modification of the combustion air control assembly is permitted. Any tampering will void warranty and could be very hazardous.

WARNING: Do not use grates or andirons to elevate the fuel. Burn directly on the fire bricks. Replace broken or missing bricks. Failure to do so may create a hazardous condition.

#### Restarting After Extended Burns

- 1. Open door and rake hot embers towards the front of the heater. Add a couple of dry, split logs on top of embers, close door.
- 2. Adjust air control to "H" (high) and in just a few minutes, logs should begin burning.
- 3. After wood has charred, reset air control to desired setting.
- 4. To achieve maximum firing rate, set control to "H" (high). Do not use this setting other than for starting or preheating fresh fuel loads.

DO NOT OVERFIRETHIS HEATER: Attempts to achieve heat output rates that exceed heater design specifications can result in permanent damage to the heater and chimney.

#### **Proper Draft**

- 1. Draft is the force which moves air from the appliance up through the chimney. The amount of draft in your chimney depends on the length of the chimney, local geography, nearby obstructions and other factors.
- Too much draft may cause excessive temperatures in the appliance. An uncontrollable burn or a glowing red stove part or chimney indicates excessive draft.
   Inadequate draft may cause backpuffing into the room and plugging of the chimney. Smoke leaking into the room through appliance and chimney connector joints indicates inadequate draft. inadequate draft.

Chimney connector pipe should be disconnected from stove to clean and inspect chimney. Only if this is not possible should you remove the baffle. DO NOT OPERATE WITH BAFFLE OR INSULATION REMOVED.

#### Removal

Remove retaining pin at the back top of the firebox, just under the baffle. Remove rail extensions in front of the baffle. Lift baffle up and pull forward to disconnect from the supply tube. Tilt baffle sideways to drop down and remove from firebox. Inspect gasket between baffle and supply tube. If necessary, replace with gasket Part# SSER.1395 available from your Pacific Energy dealer. Re-install baffle assembly and insulation by reversing order. Ensure that the insulation is not obstructing the flue outlet or the area above the baffle.

Whenever ashes get 3 to 4 inches deep in your firebox, and when fire has burned down and cooled, remove excess ashes.
Leave an ash bed approximately 1 inch deep on the firebox bottom to help maintain a hot charcoal bed.

"The ash lip on the left hand side. To operate ash lip on the left hand side. To operate hold handle open Ho cavity with the remaining ash level with the firebox floor. Lift and pull out ashpan and discard ashes into metal container. Replace ashpan and ensure it is seated properly. Do not burn with ash dump door open. Doing so will create a hazardous condition.

#### Disposal of Ashes

Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground, well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed. they should be retained in closed container until all cinders have thoroughly cooled. Other waste should not be placed in this container.



## Optional Blower

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

Electrical rating: 115 volt A.C.-1.02 amps.

Fan output rating: 125 CFM

#### **Blower Operation**

Proper blower speed matched with air control setting will ensure peak performance from your stove. Operate as follows:

- 1) Air control set to "H" (Start), operate blower on "High".
- 2) Air control set between "L" and "H" (low and high), operate blower on "Medium"
- 3) Air control set to "L" (low), operate blower on "Low". When re-loading fuel, turn off blower for up to 30 minutes to allow stove to reach proper operating temperature.

Lutomatic: To operate in pocker switch on the sine of the tain ne speed control to desired setting. This caurn on as the stove heats lip to operating temperals shut the blower of attentine fire has gone out and unit cooled to below a diseful heat output range.

Manual: To manually operate the blower, set the rocker switch to "Man" and set the speed control to desire setting. This will bypass the sensing device and allow full control of the blower. Switching from "Auto" to "Man" or selecting speed may be done anytime.

#### Optional Outside Air Adaptor

The adaptor is only required if the blower kit is to be installed and outside combustion air to be ducted to rear of pedestal.

#### Installation:

Remove blower kit if already installed. Place adaptor with the 4" round hole facing up and opposite end covering the room air knockout hole on the back of the pedestal. Mark attachment holes on pedestal base and drill with 1/8" bit. Attach with #8 x 1/2" screws and reinstall fan. Combustion air duct from outside can now be attached to the 4" round collar.

## Appendix A

## **Troubleshooting**

PROBLEM	CAUSE	CURE
GLASS IS DIRTY	Wood is wet     Turning down air control too soon	<ul><li>Use dry wood</li><li>Do not turn down until:</li><li>a) there is a good bed of coals</li><li>b) the wood is charred</li></ul>
	3. Draft too low	<ul> <li>Improper chimney height and/ or diameter</li> <li>Chimney plugged or restricted, check flue</li> </ul>
	4. Door gasket leakage	Provide outside air for combustion     Replace gasket     Check latch
EXCESSIVE CREOSOTE BUILDUP	See 1,2,3, above.	
LOW HEAT OUTPUT	1. Wood is wet 2. Fire too small 3. Traft too low	<ul><li>Use dry wood</li><li>Build a larger fire</li><li>Chimney plugged or restricted. Inspect and clean</li></ul>
STOVE WON'T BURN	1. Combustion air supply blocked	<ul><li>Check outside air supply for obstruction</li><li>Check that room air cover is</li></ul>
	2. Draft too low	removed - Chimney plugged or restricted Inspect and clean - Chimney oversized or otherwise unsuitable, Consult dealer
		1005

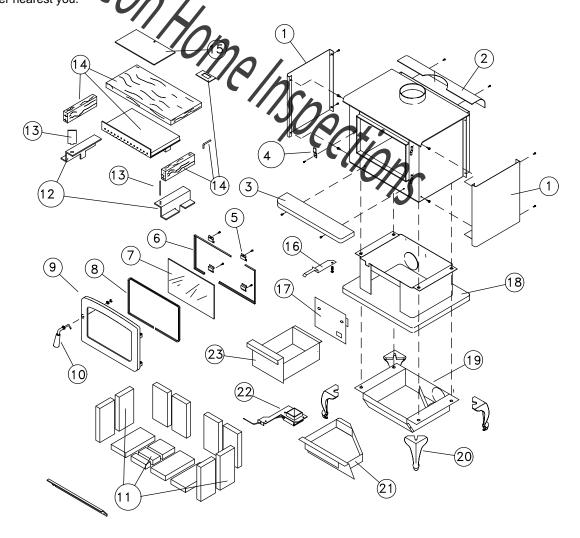
## **Replacement Parts - Pacific Vista**

FIGURE #4a (WHEN ORDERING, INCLUDE PART NUMBER WITH DESCRIPTION)

ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
2 4 5 6 7 9 10 11 12 13 14 15 16	Side shield, left or right	VIST.2229 IP.5037473MB WODC.1461SSER.1425DR16.212501DR16.208201 DR31.WDGKITCAST.16STCAST.16GDCAST.16BNI WODC.4147CBRIC.VISTA VIST.RAILSET /IST .RAILEXTVIST.BAFKITVIST.2115VIST.4531	19 20  21 22	Pedestal	
17	. Pedestal front/cover assembly	SSER.2075			

All parts may be ordered nearest Pacific Energy dealer. Contact Pacific Energy for the location of the dealer nearest you.

FIG. #4a



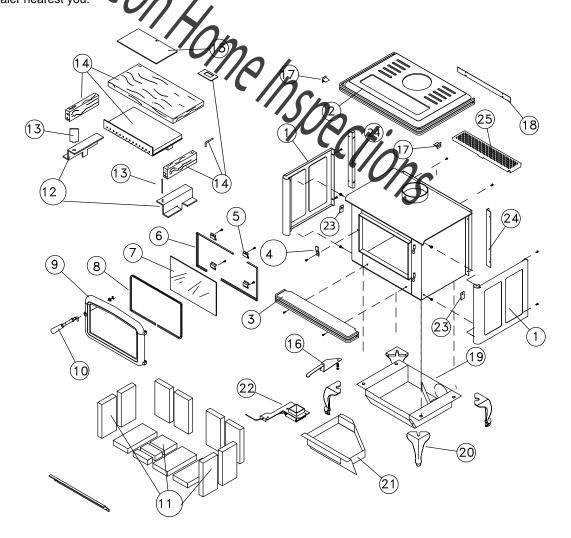
## **Replacement Parts - Vista Classic**

FIGURE #4b (WHEN ORDERING, INCLUDE PART NUMBER WITH DESCRIPTION)

ITEM DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1 Vista Classic side shield, L/R 2 Vista Classic top 3 Vista Classic ashlip 4 Door catch 5 Glass clamp set(4 pc.) 6 Glass bar set (2 pc.) 7 Replacement glass(c/w Tape) 8 Door gasket kit	VISC.2240 .ALIP.2264xx WODC.1461 SSER.1425 DR16.212501 DR16.208201 R31.WDGKIT CAST.16ST CAST.16GD CAST.16RNI VODC.4147C BRIC.VISTA IST.RAILSET ST .RAILEXT VIST.BAFKIT VIST.2115 VIST.4531	0 21 22 23 24 25	Ash drawer enclosure Leg, Black Leg, Gold Leg, Nikel Ash box Vista Classic side shield Vista Classic Trivet, Gold Vista Classic Trivet, BL	

All parts may be ordered nearest Pacific Energy dealer. Contact Pacific Energy for the location of the dealer nearest you.





#### **Understanding & Operating Your Pacific Energy Stove**

The Pacific Energy SUPER SERIES line of woodstoves is a culmination of years of research and development. Designed to be efficient, clean-burning and user-friendly, this heater will give you years of warm service. However, a knowledgeable operator is still the most important factor for maximum performance and part of this is understanding the basic functions of this design.

Traditional wood stoves had a basic combustion system which allowed a considerable amount of heat energy to escape up the chimney as unburned gases and particulates (smoke). Pacific Energy has designed a system that solves the problem by burning the smoke and releasing the additional heat to the room.

This system has two critical design features:

#### 1. Above fire secondary air injection:

The hollow "air baffle" injects super-heated secondary air just above the load With the stove at the proper operating temperature, this will creater a secondary flame that will be evident for approximately //3 of the total burn time.

2. High mass and thermal insulation.

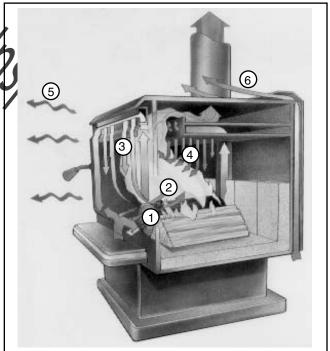
The high mass (weight) acts as a beat storage and the thermal insulation keeps the combustion zone hot. Active flaming takes place during the first part of the burn. During this stage, heat is stored in the mass of the unit and is later released slowly and evenly. As wood chars, active flaming will diminish. This clean charcoal burning stage will last for a

considerable length of time and refuelling should be avoided

until the charcoal base has become quite small.

#### **OPERATING TIPS**

- 1. Always use dry, seasoned firewood, up to 18" long. Load wood endwise, a mixture of large and small pieces, on top of a good ash base (1" minimum).
- 2. Operate on a medium to high setting, for up to 1 hour from cold start. After the initial warm up period, refuel and leave the air control on a medium setting for 5 to 10 minutes more and then set the air control to the desired position.
- 3. If a slow burn is desired, set the air control to low. Active secondary burning should be present above the wood load. If it is not present or goes out shortly after, proper operating temperature has not been reached and the stove needs additional warm up time.



- 1 -Boost Air
- 2 -Main Combustion Air
- 3 -Air Wash System
- 4 -Secondary Combustion Zone
- 5 -Radiant Heat
- 6 -Convected Heat



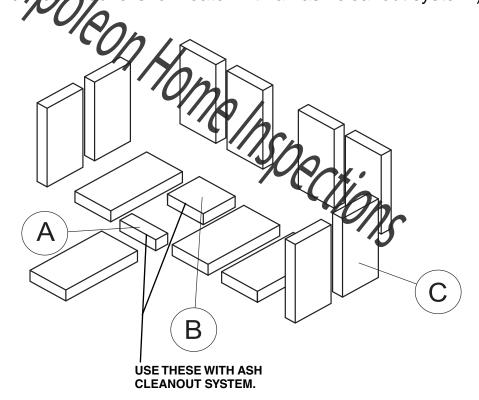
# Firebrick Installation Instructions Pacific Vista and Vista Classic

This package contains 12 full-size firebricks, as well as 2 various cut-size bricks. If your heater came with an ash cleanout system, or an optional one is being installed, discard one full-size brick.

With the heater in the upright position, install firebricks as follows:

- First, install 4 full-size firebricks against the rear wall.
- Next, install the side firebricks, 2 full-size each side.
- Lastly, place 4 full-size on the bottom of the heater.

  (3 full-size and 2 cut firebricks for heater with an ash cleanout system.)



ITEM	SIZE		PART NUMBER
A B	1 1/2" X 4 1/2" X 1 1/4" 4" X 4 1/2" X 1 1/4"	(39 mm x 115 mm x 32 mm) (102 mm x 115 mm x 32 mm)	248.0 246.0
С	9" X 4 1/2" X 1 1/4"	(230 mm x 115 mm x 32 mm)	5096.99

## Warranty Information

## Pacific Energy Limited Lifetime Warranty Wood Products

Pacific Energy extends the following warranty coverage to the original registered purchaser of the product:

#### LTD Lifetime Coverage (10 years)

Limited lifetime coverage is extended to the following components (parts only) porcelain finish, glass (glass for thermal breakage only, not impact), plating, firebox and baffle.

#### 3 Year Comprehensive

Pacific Energy will replace or repair any part found to be defective (parts and labor) for three years from the date of purchase.

This coverage includes electrical components (blowers, speed controls and thermal switches).

#### **Conditions:**

Your stove has been designed to perform in the harshest climates in North America. You can be confident that under normal use your stove will be trouble free for many years. If your stove is prematurely deteriorating this is a significant indicator of improver usage, for example; excessive draft, heating to large an area, contaminated fuel - such as high sodium content or plastics and chemicals. Please be aware, these conditions may be reasons to void your warranty.

For wood products - All installations must be installed according to all applicable local and national codes. It is the responsibility of the installer to ensure the unit is operating correctly at installation.

Any part that shows in our judgment evidence of defect shall be repaired, replaced or refunded at Pacific Energy's option. The defective part may be required to be returned to Pacific Energy or an accredited agent, transportation prepaid.

**Porcelain** is warranted for gloss retention. Certain colors may darken when heated and return to the original shade when cool.

Glass is warranted against thermal breakage.

Plating is warranted against tarnishing. Gold plating may attain a deeper color with use.

#### **Exclusions**

Limited Lifetime coverage - Lifetime coverage is limited to the repair, replacement or refund of the indicated parts only. Labor charges are not covered under the lifetime warranty.

The following items are not included in the Lifetime Warranty: firebox rails and heat shields.

The following parts are not warranted: firebrick, gaskets and ceramic fiber blankets.

This warranty does not apply to any part that shows evidence of misuse, abuse, improper installation, accident, lack of maintenance, or modification.

Pacific Energy shall in no event be liable for any special, indirect or consequential damages of any nature whatsoever which are in excess of the original purchase price of the product.

Pacific Energy is not responsible for installation, operational or environmental conditions beyond our control. (The company may, at its discretion, discharge all obligations by refunding the wholesale price of the defective part.)

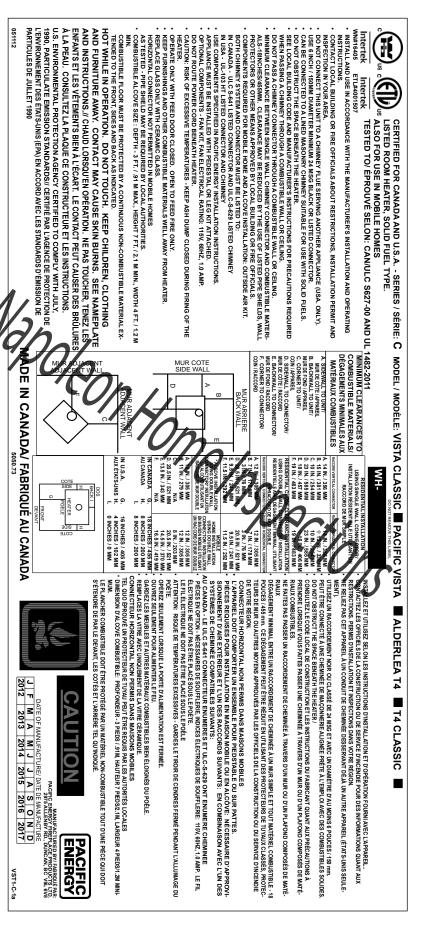
For Warranty claims, please contact your nearest Pacific Energy dealer.

Napoleon Home Inspections

Napoleon Home Inspections

Napoleon Home Inspections

#### Label





#### PACIFIC ENERGY FIREPLACE PRODUCTS LTD.

2975 Allenby Rd., Duncan, B.C. V9L 6V8
For technical support, please contact your retailer.
Web site: http://www.pacificenergy.net

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