

B.P. 789. ✓

Date 22/06/92

I hereby apply for a Building permit to erect/~~demolish~~ SPACE HEATER

BUILDER

BUILDER

Name PALMER'S PLUMBING & HEATING

Mailing Address 293 VICTORIA AVE
WANGAIHUA

Phone _____ Fax _____

222274

LEGAL DESCRIPTION

LEGAL DESCRIPTION

Valuation Roll No. 24/260/01

Lot A 8 D.P. 1782

Section _____ Block _____

Survey District _____

12568

INSTALL PEGASUS IN-BUILT HEATER

NATURE OF PERMIT (TICK BOX)	
☐	NEW BUILDING — Including dwelling added, exclude domestic garages
☐	FOUNDATIONS ONLY
☐	ALTER, REPAIRED, EXTENDED — Include conversions & resited buildings
☐	NEW CONSTRUCTION OTHER THAN BUILDINGS — Include demolitions
☐	DOMESTIC GARAGES & DOMESTIC OUTBUILDINGS — Sheds etc

PLUMBERS/DRAINLAYERS

Name _____

Address _____

Phone _____ Fax _____

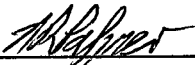
DESIGN ENGINEER/PRINC. CONSULTANT

Name _____

Address _____

Phone _____ Fax _____

APPLICANTS SIGNATURE:



PERMIT MAY BE ISSUED SUBJECT TO THE FOLLOWING CONDITIONS:

WANGANUI CITY COUNCIL
CITY ENGINEERS DEPARTMENT

BUILDING PERMIT APPLICATION CHECK SHEET

Application for : SPACE HEATER

DATE 22/06/92

Address : 14 HILWIRE ST

Lot No _____ DP _____ Sect _____

Notes : _____

DATE	DEPARTMENT		REMARKS
	Town Planning	Refer Attached Check Sheet _____ Approved _____ Date _____	
<u>22/06</u>	Building Inspector	Values on Application _____ Ground Levels & Foundations _____ Materials _____ Construction _____ Bracing (3604) _____ Heating Appliances _____ Public & Commercial Buildings _____ Access for Handicapped _____ Chapter 5 Egress etc (Check Sheet Yes/No) _____ Approved <u>[Signature]</u> Date <u>23.6.92</u>	
	Drainage Engineer	SS Connection & Fee _____ Approved _____ Date _____ SW Connection & Fee _____ Approved _____ Date _____	
	Water Engineer	Water Connection & Fee _____ Approved _____ Date _____	
	Structural Engineer	Structural Drawings & Calculations _____ Approved _____ Date _____	
	Health Department	Value _____ Plumbing & Drainage Requirements _____ SW Requirements _____ General Requirements _____ Health & Food Regulations etc _____ Dangerous Goods Requirements _____ Approved _____ Date _____	

GENERAL REMARKS

TOWN PLANNING

BUILDING INSPECTOR

DRAINAGE ENGINEER

WATER ENGINEER

STRUCTURAL ENGINEER

HEALTH DEPARTMENT

MANUAL INSTALLATION AND OPERATING



LOGAIRE

**Pegasus
Inbuilt**

**COMPACT SLOW COMBUSTION
CONVECTION HEATER**



Warranty

Clearance Requirements - Appendix B

Operating the Logaire Pegasus Inbuilt

Installing the Logaire Pegasus Inbuilt

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Congratulations

on your choice of a **Pegasus Inbuilt** Slow Combustion Heater. It is designed to provide many years of safe and enjoyable use.

IMPORTANT:

Please read these instructions carefully before installation and operation. Consult your local building authorities for any additional requirements they may have. Be sure to follow the manufacturer's recommended clearances from combustibles.

General Information

Airtight heaters are designed to produce useful amounts of heat while using a minimal amount of fuel. Many of these heaters are in continuous operation and require refuelling only two or three times per day. To ensure an airtight firebox these heaters are always built with gasketed doors and with the seams welded. The steel construction is thicker than traditional heaters to withstand the high constant temperatures. Internal baffles re-direct hot gases, ensuring maximum efficiency. The performance of your heater also depends on many external factors such as the type of fuel used and its moisture content, the weather conditions and even the altitude above sea level.

The size and layout of your home, the amount of home insulation and the location of the heater within your home will also influence the level of warmth maintained by your heater. For expert advice, we recommend you consult your local Logaire dealer or any installer registered by the New Zealand Home Heating Association.

The firebox of your Logaire heater is painted with a high temperature black paint which, upon initial firing, will give off an odour and smoke as it cures. Do not be concerned, these symptoms will only exist for the first hour or so of the operating life of the heater.

Installing the Logaire Pegasus Inbuilt

Read these instructions completely before starting the installation. The heater must be installed correctly or the warranty will be void. Installations other than those specifically covered in these instructions will not have been confirmed by test and such installations are not covered by warranty. The heater must be installed in accordance with all local codes and where required, a building permit must be obtained prior to installation.

1. Have your chimney inspected prior to installing the **Pegasus Inbuilt**. Any blockages and creosote buildup must be thoroughly removed from the chimney and any leaks or loose mortar must be properly repaired.

2. The **Pegasus Inbuilt** may only be installed in a properly constructed open fireplace of an approved design. Installation into purpose built enclosures other than open fireplaces are also possible although these are more difficult and professional advice should be sought.

3. Do not install or connect the **Pegasus Inbuilt** into a chimney already serving another fireplace or heating device.

4. The **Pegasus Inbuilt** has been tested to the N.Z. Standard 7421:1990 including Appendix J for fireplace heaters (Test Report JY 89/24) and complies with all the requirements for a zero clearance inbuilt heater.

Installation Procedure

- Remove all packaging from the heater. NOTE: The firebox and the fascia are packaged separately.
- Inspect the heater for damaged parts. If any damage is discovered, make a note of the damage on delivery documents. DO NOT install the unit with damaged parts. Each heater is inspected prior to shipment and freight damage should be claimed against the carrier. Contact your carrier or retailer for the correct procedure.
- Measure the fireplace recess and remove bricks as necessary to accept the firebox. A recess of minimum dimensions 600mm wide by 600mm high by 470mm deep is required to accept the **Pegasus Inbuilt**. (Refer to **Appendix A**).
- Remove all rubble and loose material from the bottom of the fireplace. If the bottom of the fireplace is rough or uneven, the installation of the **Pegasus Inbuilt** will be made easier by placing a piece of sheetmetal into the bottom of the fireplace prior to the installation.
- Slide the **Pegasus Inbuilt** firebox into the fireplace recess so that the flange on the firebox cabinet is level with the front of the fireplace surround.
- Check that the firebox is level and where necessary, pack metal strips or small pieces of masonry under the firebox to ensure that the firebox is level. When properly levelled, use two masonry screws or dynabolts to secure the firebox casing to the masonry fireplace to provide seismic restraint.
- Next assemble the flue sections, fastening each joint securely with self-tapping screws or pop rivets. The top of the flue when fitted to the firebox should be between 150mm and 450mm above the top of the chimney. Extra flue sections are available if required.

- Lower the flue assembly down through the chimney with the upper sections fitting inside the lower sections at the joints. Guide the bottom of the flue into the flue outlet of the **Pegasus Inbuilt** firebox. If the flue will not align with the firebox outlet, fit an adjustable elbow or a fixed offset to the bottom of the flue.
- Fix the flashing plate to the top of the chimney, then slide the liner down over the flue and fit the spacer. Next slide the cone down over the flue. The top of the flue and the cone must be level so that the cowl can be fitted correctly. Fit the cowl. (Refer to **Appendix B** for details of flue system, components).
- The fascia may now be fitted to the firebox. To avoid any heat loss from within the home into the chimney cavity, use strips of fibreglass batts insulation to pack any spaces left between the sides and top of the firebox cabinet, and the masonry fireplace.
- Use the eight fixing screws and washers to firmly secure the fascia to the firebox cabinet.
- Next fit the upper louvre assembly and the lower mesh assembly. Fit the ash pan to the firebox and screw on the air control knob.
- Check that there is at least 300mm clearance between the upper edge of the **Pegasus Inbuilt** fascia and the underside of the fireplace mantel shelf. A mantel protector may be required if insufficient clearance exists. Check also that the hearth of the fireplace extends at least 300mm beyond the front of the **Pegasus Inbuilt** firebox. (Refer to **Appendix A** for details of clearance requirements).
- The **Pegasus Inbuilt** is now ready for use. Be sure to read the section on operating the **Pegasus Inbuilt** to ensure that you obtain optimum performance from your heater.

Operating the Logaire Pegasus Inbuilt

Lighting the Heater

To light the fire, place fine dry kindling on top of crumpled newspaper on the floor of the firebox. Ensure the air control is in the fully open position, and light the paper. Commercial fire lighting products may also be used to start the fire. NEVER USE GASOLINE, KEROSENE, LIGHTER FLUID OR ANY OTHER FLAMMABLE LIQUIDS to start or freshen up a fire in your Pegasus Inbuilt heater.

Close the heater door and allow the fire to establish. Gradually build up the fire by adding 2 or 3 small logs at a time. Keep the air control in the fully open position for at least the first 30 minutes of operation to allow the firebox to become fully

heated. Once the fire is well established, regulate the heat output to the desired level by adjusting the air control.

Normal Operation

When refuelling the Pegasus Inbuilt the air control should always be fully opened prior to opening the heater door. Large chunks of charcoal should be broken up and the fire bed levelled. Place the new fuel into the firebox, allowing plenty of airspace between the fuel pieces. Close the heater door and leave the air control in the fully open position for at least ten minutes after refuelling. Then set the air control to the desired level. **NOTE:** Load the fuel according to the desired level of heat output. On cold days, use a full load of fuel. On more moderate days, load only a half load of fuel. This will ensure the most efficient use of the fuel.

Do not operate the Pegasus Inbuilt for long periods with the door open as this may cause excessive temperatures and may eventually damage the heater. Never leave the heater unattended with the door open. Avoid slamming the door and do not allow any object to strike the door glass.

Extended Burning

To set up the Pegasus Inbuilt for an extended burn, first establish a good hot charcoal bed. Load the firebox with a moderate to full load of dry fuel, close the door and allow the fire to operate at maximum output for about 20 minutes. Turn the air control down to the minimum setting. To restart the fire, rake the embers toward the front of the firebox and add a few small pieces of dry fuel. Close the door and move the air control to the fully open position. The logs will begin burning within a few minutes.

Disposal of Ashes

The ashes need only be removed from the Pegasus Inbuilt occasionally. As a general rule, do not allow the ash level to build up beyond the door opening of the firebox. When removing the ash from the firebox, place the ashes in a metal container with a tight fitting lid. Leave the ashes in the container until they have cooled.

NOTE: Treated woods are unsuitable for use as fuel as the ash will contain high levels of toxic residues of copper, chromium and arsenic.

Servicing the Logaire Pegasus Inbuilt

Your Logaire Pegasus Inbuilt has been designed and manufactured to ensure a minimum of servicing throughout the life of the heater.

Door Glass and Seal

In the unlikely event of the door glass breaking, a replacement glass is available from your Logaire dealer. Do not operate the Pegasus Inbuilt with a broken door glass and under no circumstances should an inferior substitute door glass material be used.

Your Pegasus Inbuilt heater will operate best when the door seal is maintained in good condition. If the door is loose, tighten the door latch by moving a washer

from one side of the catch to the other. If the door seal becomes damaged, a replacement seal is available from your Logaire dealer.

Flue Cleaning

The key to flue cleanliness rests heavily with the use of properly seasoned fuel wood. If well seasoned dry wood is used, your Pegasus Inbuilt flue system will only require yearly inspection and cleaning. If poorly seasoned wet wood is used, the combustion process within the heater will be incomplete, creosotes will condense within the flue and the risk of a chimney fire is greatly increased. Under these circumstances the flue will require inspection and more frequent cleaning. Creosote formation can also be reduced by operating your heater at maximum output for at least one hour during each day of operation. The flue system of your heater is best cleaned by a professional chimney sweep. The internal baffle in the Pegasus Inbuilt firebox can be easily moved forward or removed to allow the creosote loosened from the flue to fall into the firebox of the heater for later disposal.

Hints on Firewood

Wood must be dry (moisture content less than 25%) before it will burn properly. Split wood stacked with both ends exposed to free air will dry more quickly than large blocks packed in a tight pile.

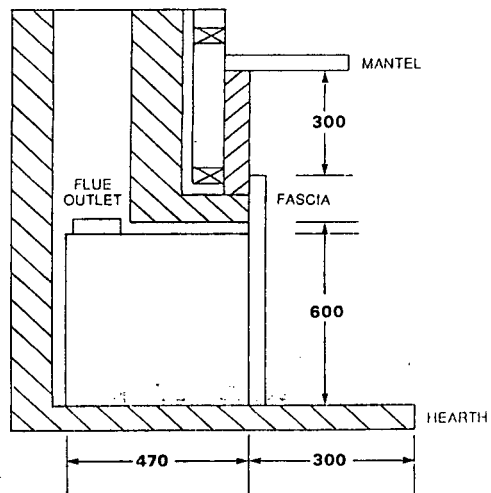
Low density softwoods may dry in less than six months, however more dense hardwoods may take longer than twelve months to dry properly. Almost any wood species will burn well provided that it has been properly dried. Softwoods burn rapidly with high heat output, while hardwoods burn more slowly with moderate heat output. Coastal driftwood or treated timber should not be burned in closed combustion heaters. They contain corrosive salts and potentially toxic residues which will shorten the service life of the heater.

Appendix A

Clearance Requirements

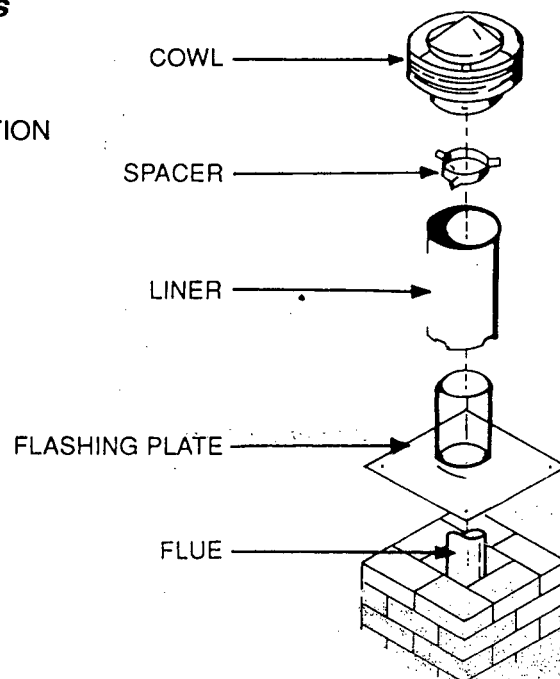
The Pegasus Inbuilt requires an insulating hearth to protrude forward at least 300mm from the glass in the Pegasus Door. The hearth must be constructed of masonry of at least 50mm thickness, or compressed mineral fibre board (rockboard) of at least 14mm thickness covered by tiles, slate or marble, or any alternative thermal insulation of equivalent K-Value.

CLEARANCE REQUIREMENTS



Appendix B *Flue Requirements*

STANDARD FLUE INSTALLATION



WARRANTY

- ANSAIRE CORPORATION LTD WARRANTS to the original retail purchaser that the steel components of the firebox are free from defects in the material or workmanship which would render it unfit for normal domestic use. Save that, this warranty is limited to the following terms and conditions:-
- 1 Ansaire Corporation Ltd (the Manufacturer) will repair or replace the steel firebox if it proves to be defective in material or workmanship under normal domestic home use within 60 months after the date of the original purchase.
 - 2 Ansaire warrants all other parts except the glass, but including steel baffle, if proved to be defective in material or workmanship under normal domestic use within a period of 1 year after the original retail purchase date.
 - 3 This Warranty will not apply and the Manufacturers will not have any obligation in respect of any heater, part or accessory which has been subject to accident, abuse, alteration, misuse or neglect or which has not been installed, inspected, operated and maintained in accordance with all applicable local laws and regulations and in accordance with the Manufacturers' printed instructions (if any).
 - 4 This Warranty shall not apply and the Manufacturer shall not have any obligation in respect to any furnace cement or fire brick sold or used in connection with the heater or surface rust which may occur in transit, storage or use.
 - 5 This Warranty is expressly in lieu of all other warranties, expressed or implied, including any statutory or other legally implied warranty or merchantable quality or fitness for a particular purpose or warranty of description, and liability for any other guarantee or warranty in respect of the product will be recognised or assumed, either by the Manufacturers or any other person or company acting on its behalf in connection with the heater or any parts or accessories thereto.
 - 6 In order for the Warranty to be valid the warrant card must be COMPLETED IN ITS ENTIRETY AND MAILED WITHIN 30 DAYS after the date of original retail purchase to ANSAIRE CORPORATION LTD, PO BOX 58-473, GREENMOUNT, AUCKLAND, NEW ZEALAND.
 - 7 Any claim under this Warranty should be submitted first to the dealer from whom the heater was purchased and if such dealer cannot be located the Warranty claim in writing should be forwarded to the above address stating the model and serial number of the heater, the place, price and date of purchase.

Owner Information:

Record and Keep in Manual - Do Not Detach

Serial Number (This can be found on the top right side of the rear panel)

Date Purchased

Place Purchased

Price

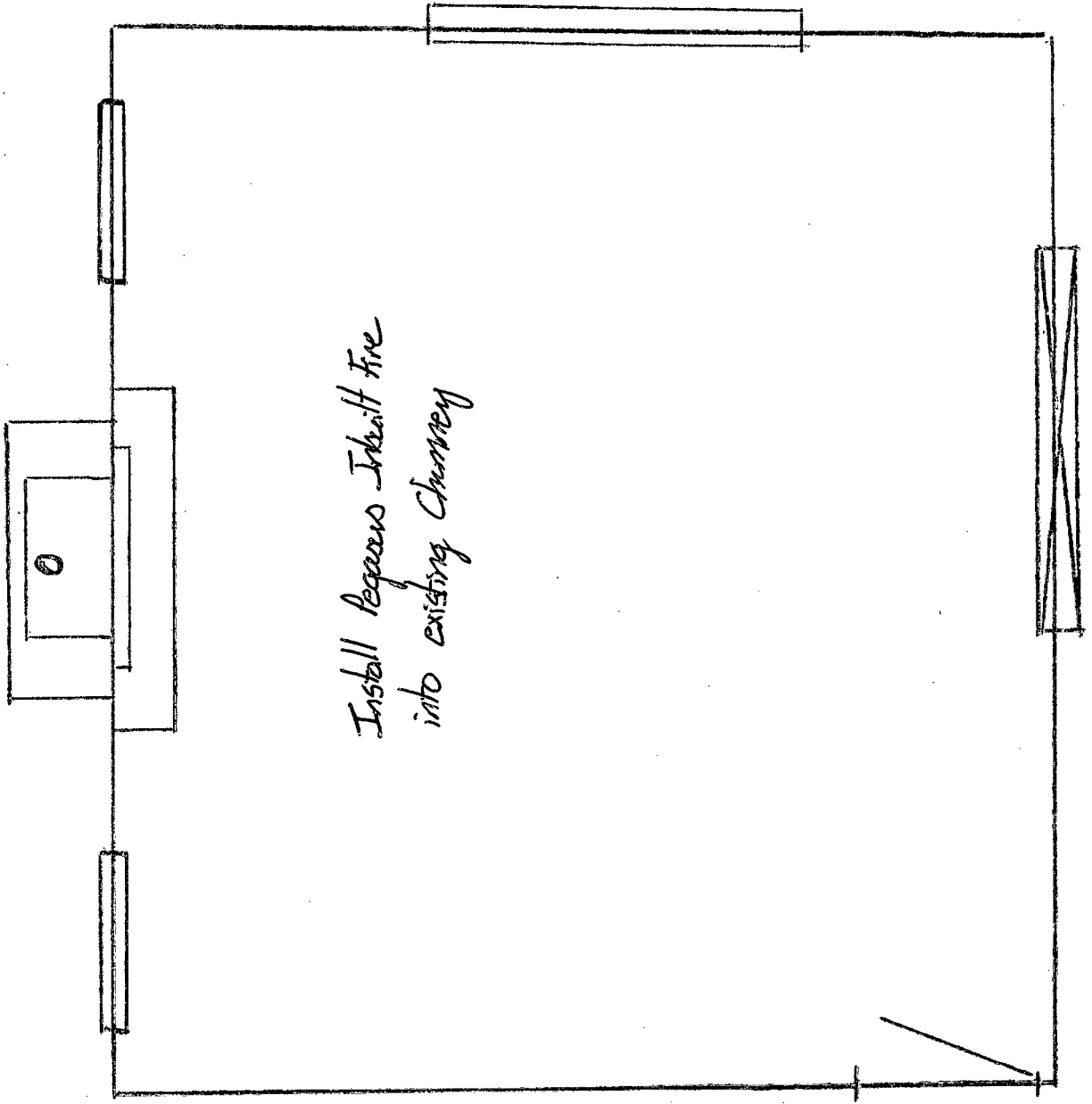
Logaire Fires are manufactured by ANSAIRE CORPORATION LTD., Auckland, N.Z.

20-06-92

Mrs Rohloff

14 Helmore St

Wanganui



Install Regens Ideal Fire
into existing chimney