



**WD4**

**Installation Guide  
Operating Instructions  
Warranty**

# WD4

## Installation Guide, Operating Instructions & Warranty

### IMPORTANT!

This wood appliance must be installed to **AS/NZS 2918:2001** by a qualified person and in accordance with these instructions. Failure to install the appliance correctly will void your warranty and may cause a fire. This appliance should not be modified under any circumstances.

It is recommended that you have this appliance serviced annually by a qualified technician.

Warranty repairs must be carried out by a 'The Fire Dept.' authorised technician.

This appliance must ALWAYS terminate/flue outdoors.

Young children, elderly or infirm should be supervised to ensure that they are careful with the appliance.

Clothing and other flammable materials should never be placed near the appliance.

Please note that parts (near the flame) of this appliance become extremely hot during operation and can result in serious injury and burns if touched. It is therefore recommended that a fireguard complying with BS 8423:2002 is used in the presence of young children, the elderly or infirm.

During the installation of this appliance, it may be necessary to manually handle heavy components (greater than 25kg). It is the installer's responsibility to ensure appropriate manual-handling techniques are employed.

**This installation guide must be read in conjunction with the technical specifications for this appliance.**

### The WD4 installation process consists of 6 steps

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Information in this installation guide may be subject to change without notice.  
Please ensure you have the current version before beginning installation.

**If you have any queries, please contact 'The Fire Dept.' on 0800 888 550**

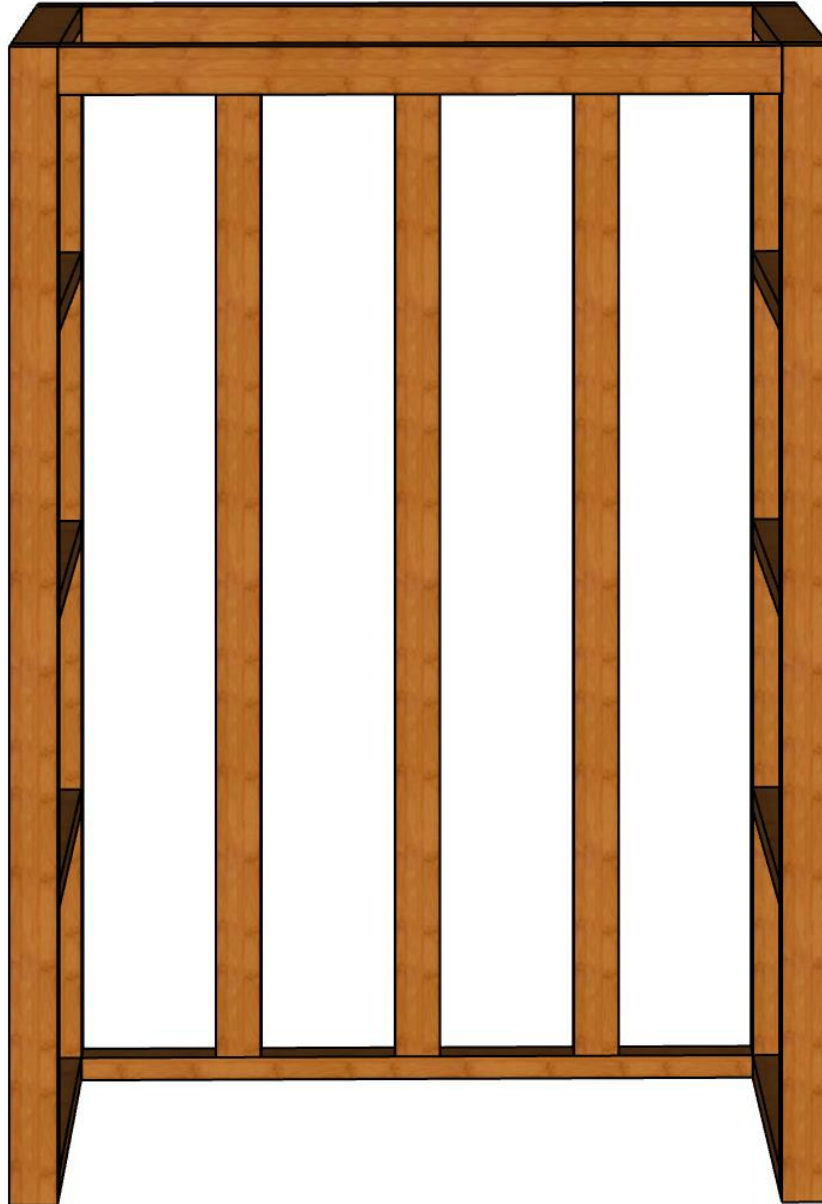


## **Step 1: Unpack and ensure all components are correct and undamaged**

- Appliance.
- Flue kit.
- WD4 technical specifications (to be read in conjunction with this installation guide).

## Step 2: Pre-installation checklist

- Ensure cavity dimensions are correct – refer to technical specifications.
- Ensure hearth dimensions are correct – refer to technical specifications.
- Plan flue path.



**The starting point: Timber frame.**

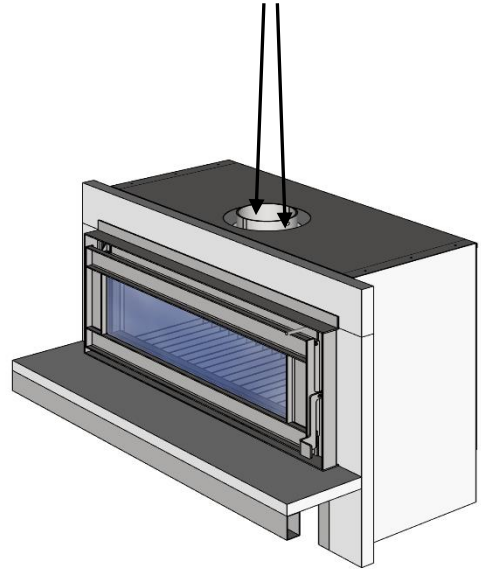
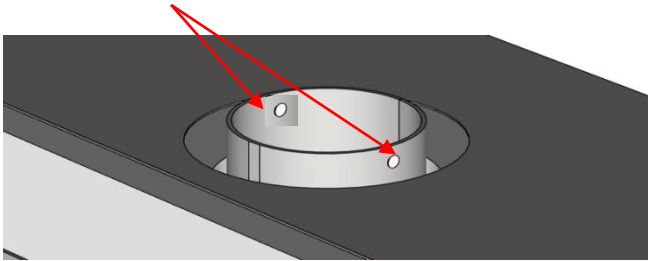
**Note: Timber lintel to suit opening must be fitted after appliance has been fixed into position.**

## Step 3: Fit appliance into cavity

### Option 1 - Crane appliance into position

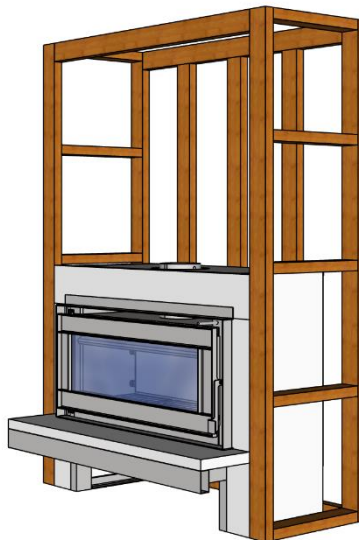
The best installation option, if possible, is to crane the appliance into position. If this is not possible, follow the instructions on the next page.

**Important Safety Note:** It is the installer's responsibility to ensure that the crane, operator and equipment are suitably certified to lift the appliance. When manually handling heavy components (greater than 25kg). It is the installer's responsibility to ensure appropriate manual-handling techniques are employed.



1. Connect lifting shackles through the 15mm holes in the flue spigot.

2. Carefully lift the appliance into position.

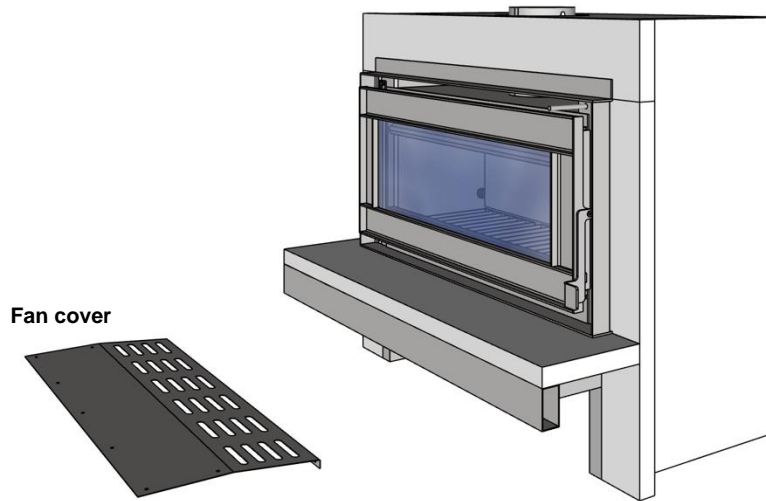


3. Fit the appliance into position.

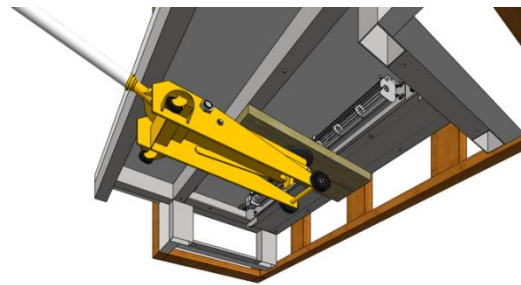
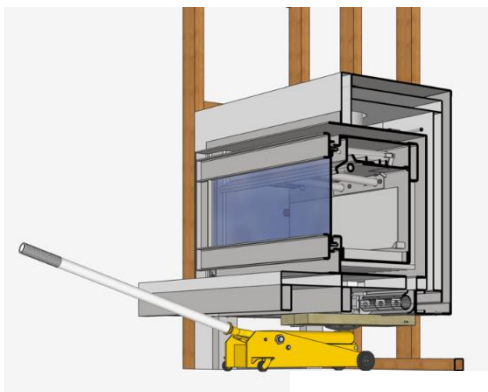
## Option 2 - Manually manoeuvre appliance into position

If craning the appliance is not possible, it needs to be manually manoeuvred into position. The use of a heavy-duty trolley jack and/or wheels is recommended.

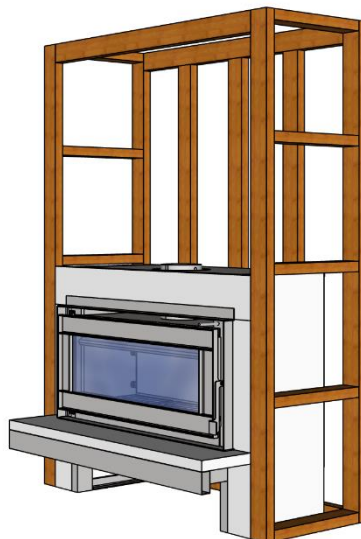
**Important Safety Note:** When manually handling heavy components (greater than 25kg). It is the installer's responsibility to ensure appropriate manual-handling techniques are employed.



1. Remove fan cover from underside of the appliance (9 x 5mm cap screws).

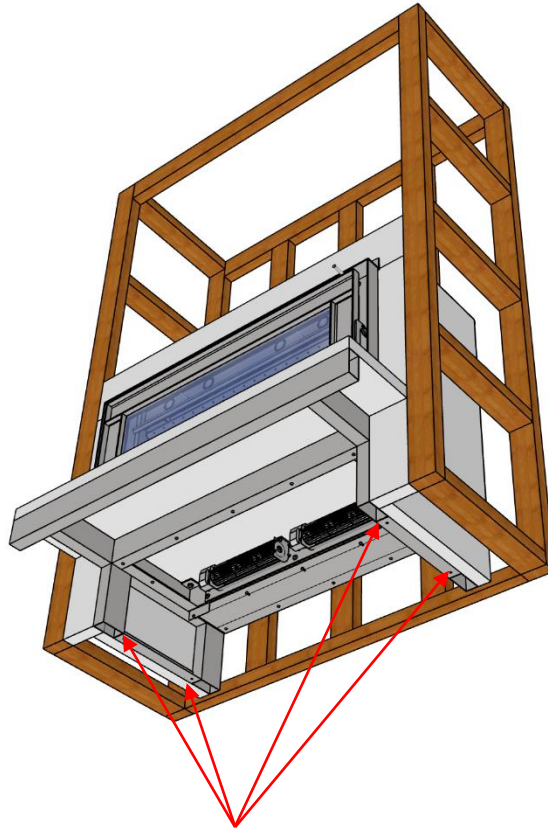


2. Use a trolley jack to maneuver the appliance into position. Ensure the appliance is supported on timber to avoid damage and held steady on either side whilst maneuvering.



3. Fit the appliance into position.

**Fix the appliance through the hearth frame onto the base/floor**

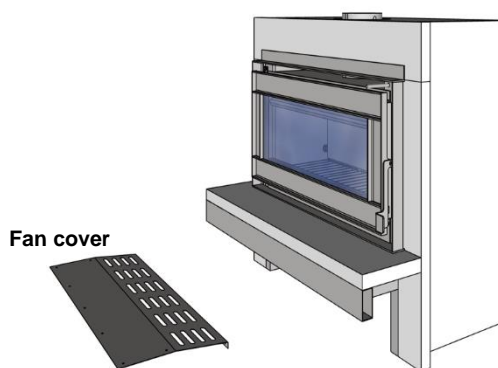


**4 x fixing bolts/screws**

- **Mark out and drill fixing holes through the supporting frame and into the base. Ensure holes are drilled in the centre of the slots to allow maximum positioning flexibility. Clear out any debris from drilling.**
- **Ensure the appliance is level and pack up corners to suit where necessary.**
- **Fix bolts /screws the appliance into position. Check and ensure unit is level.**

## Step 4: Connect and test electrical supply

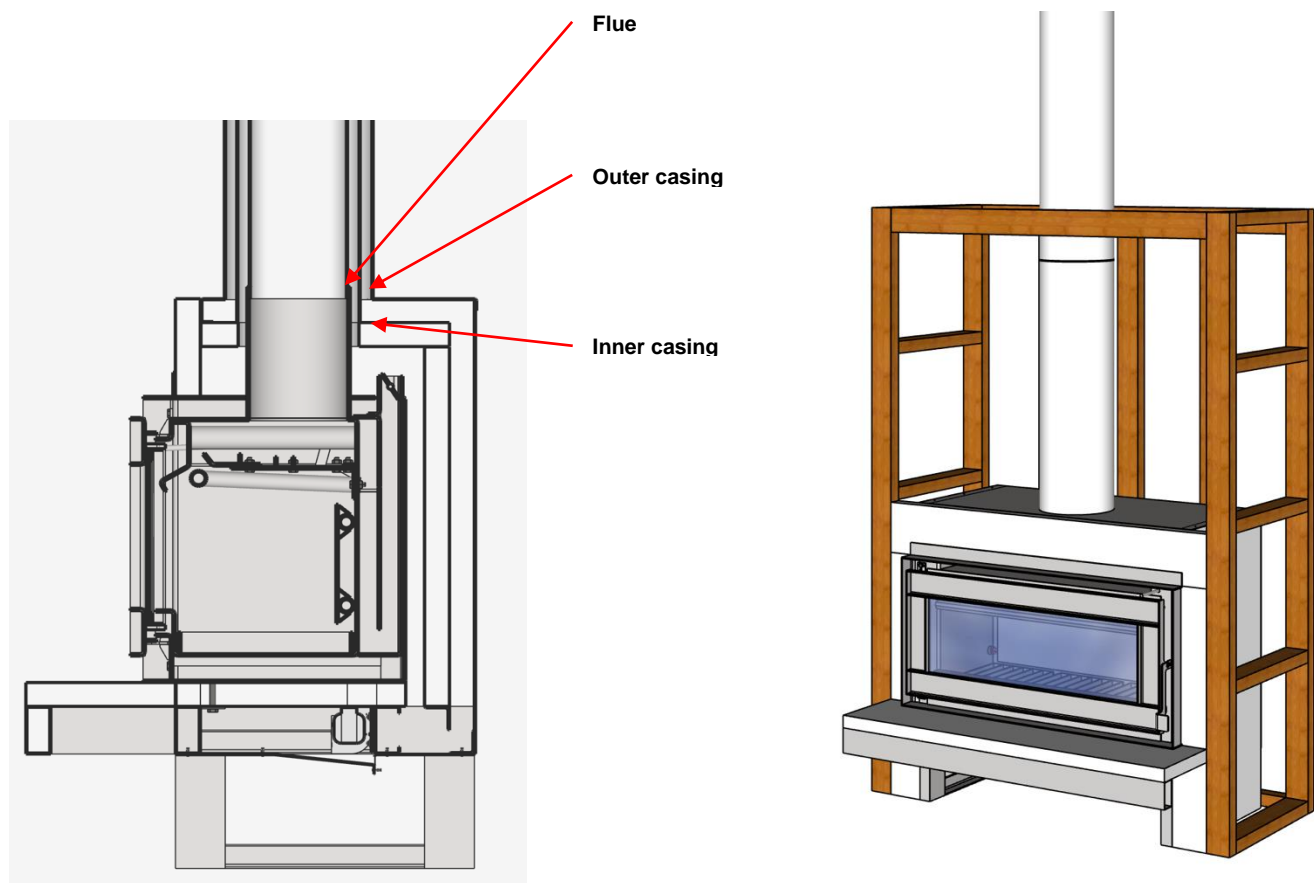
- All electrical connections must meet the requirements of AS/NZS 3000 and be installed and certified by a suitably qualified person.
- With the underside fan cover removed, the electrical connections between the appliance and the switch can be seen.
- Following the connection details on the electrical wiring diagram on the next page, and using the 4-core (minimum 1mm) cable that has been run at site, connect the 4-core cable to the appliance.
- Test electrical functions by switching the bottom High/Low switch to LOW, then switch the appliance ON using the top On/Off switch.
- The fans will start after approximately five seconds.
- Switch appliance off.
- Electrical testing is complete.
- Fit underside fan cover (9 x 5mm cap screws).







## Step 5: Fit flue



1. Complete the flue installation.  
Run the flue into the appliance.  
Run the inner casing into the outer AAC cavity box.  
Finish the outer casing onto the outer cavity box.



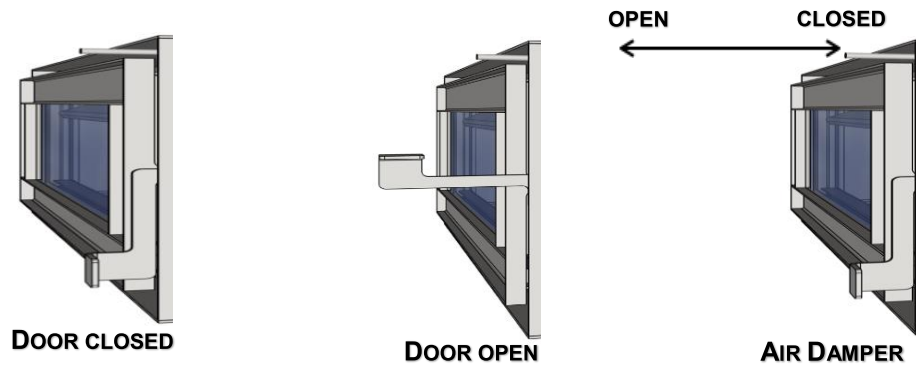
2. Complete the rest of the timber lintel framing in accordance with appropriate technical specifications.  
Appliance is now ready for customer-specified outer finishes and, if appropriate, plumbing connection to the optional wetback.

## **Step 6: Show owner how to operate appliance**

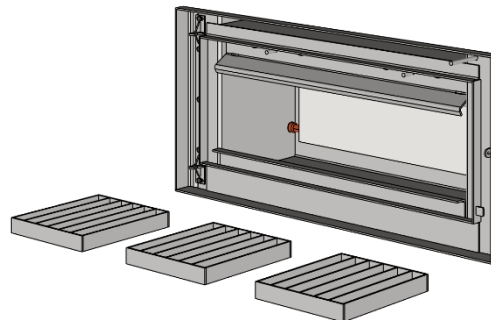
- Following the Operating Instructions on the next page, show the owner how to operate the door and air damper.
- If the owner is not available, leave this manual by the appliance.

## OPERATING INSTRUCTIONS

- To open the door: Pull the door handle out and away from the appliance and the door will open.
- To close the door: Push the door shut then push the handle down, which will lock the door.



- The WD4 has an integrated variable air damper, which allows how much air enters the fire.
- When lighting the fire, set the air damper to the open position. Simply pull it all the way out.
- The air damper can also be adjusted when the fire is being used. Setting the air damper to the open position will increase fire intensity. Setting the air damper to the closed position will reduce fire intensity. Adjust the air damper to achieve the desired fire intensity.
- First fire start-up: The appliance will require a 1 hour first fire. Ensure all windows and doors are open during this process to vent any odours that may occur.
- **Ongoing maintenance.** It is recommended that the flue be swept every year (some insurance companies require this), or more often if required. The three base grates can also be removed from the appliance for cleaning, if necessary.



**BASE GRATES REMOVAL**

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## TROUBLESHOOTING

Problem	Probable Cause	Action
Fire smokes when the door is opened	<ol style="list-style-type: none"> <li>1. Poor quality or damp wood</li> <li>2. A nearby extractor fan is sucking smoke from the fire</li> </ol>	<ol style="list-style-type: none"> <li>1. Change wood</li> <li>2. Switch off the extractor fan</li> </ol>

# PRODUCT WARRANTY

**IMPORTANT:** Evidence of original purchase is required for warranty service.

**WARRANTOR:** 'The Fire Dept.' (Landscape Elements Ltd)  
85 Newton Road  
Mount Maunganui  
PO Box 10275, Bayfair, Mount Maunganui

## ELEMENT OF WARRANTY

'The Fire Dept.' warrants to the original retail owner for the duration of this warranty, it's fireboxes, gas burner tray, lighters, (herein after referred to as the Product) to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

## WARRANTY

This warranty will be deemed invalid if the Product is;

- (A) Installed by someone other than an authorised Fire Dept agent.
- (B) Not operated appropriately or "over-fired" in a manner resulting in the firebox operating excessively hot.
- (C) Not serviced and maintained by a certified gas fitter every 12 months.
- (D) Damaged by accident, neglect or misuse,
- (E) Repaired by someone other than an authorised Fire Dept repair agent for a defect or malfunction covered by this warranty.
- (F) Modified, altered or used as part of any conversion kits, subassemblies, or any configurations not sold by 'The Fire Dept.'
- (G) The product contains fire bricks and has not been subjected to the recommended first start-up and run-in procedure.
- (H) Used in conjunction with any equipment or parts or as part of a system not manufactured or supplied by 'The Fire Dept.'
- (I) External powder-coating within 200m of the high tide mark and not lightly washed with warm soapy water every three months.

## Indoor appliances (Gas & Wood)

'The Fire Dept.' warrants the mild steel firebox, galvanised steel outer skin and RHS Duragal steel support frame against defective materials and workmanship which would render it unfit for normal domestic use, from the date of purchase by the original consumer, for a period of 5 (five) years. Beyond normal heat-induced staining, tarnishing and mild warping, if a firebox, outer skin or support frame defect occurs, contact 'The Fire Dept.' and the defect will be repaired or replaced at our discretion with all costs covered.

'The Fire Dept.' warrants the SIT Pack (Gas regulator and controller) against defective materials and workmanship which would render it unfit for normal domestic use, from the date of purchase by the original consumer, for a period of 2 (two) years.

Components including fire medium, fans, tiles, glass and glass trim are warranted for a period of 2 (two) years from the date of original purchase, against defective materials and workmanship.

## Outdoor appliances (Gas & Wood)

'The Fire Dept.' warrants the Mild Steel firebox, galvanised steel outer skin and RHS Duragal Steel support frame against defective materials and workmanship which would render it unfit for normal domestic use, from the date of purchase by the original consumer, for a period of 2 (two) years. Beyond normal heat-induced staining, tarnishing and mild warping, If a firebox, outer skin or support frame defect occurs, contact 'The Fire Dept.' and the defect will be repaired or replaced at our discretion with all costs covered.

'The Fire Dept.' warrants the SIT Pack (Gas regulator and controller) against defective materials and workmanship which would render it unfit for normal domestic use, from the date of purchase by the original consumer, for a period of 2 (two) years.

Components including fire medium, fans, tiles, glass and glass trim are warranted for a period of 2 (two) years from the date of original purchase for domestic use, against defective materials and workmanship.

## STATEMENT OF REMEDY

In the event that the Product does not conform to this warranty at any time while this warranty is in effect, the Warrantor, at its discretion, will repair the defect or replace the part and return it to you without charge for parts or service. This warranty does not provide for reimbursement or payment of incidental or consequential damages.

This warranty does not in any way affect your rights under the Consumers Guarantee Act (New Zealand).