Australia’s most extensive WARRANTY
including baffle and air tubes

CLEAN BURNING UNITS

Exclusive patents on Quad Burn System and Automatic Combustion Control

Fully Tested to Australian Conditions

Australia’s most efficient Wood Heaters
The 2100 Millenium wood stove features a compact design with high heat output and solid performance. Featuring ACC, the 2100 offers the best combination of heat and burn time for each load of wood at the optimum efficiency. The patented four-point combustion technology burns the wood, gasses and smoke for a cleaner, more efficient burn than ever before.

**2100 Millenium**

**Compact design with solid performance**

**FEATURES:**
- Automatic Combustion Control (ACC)
- Patented four point burn technology
- 32mm brick lined firebox
- Up to 20 squares heating capacity
- Solid 6-8mm steel construction
- Most comprehensive warranty on the market
- NO CATALYTIC CONVERTER

**AVE BURN TIME** 8hrs

**AVE EFFICIENCY** 81%

**PEAK EFFICIENCY** 91%

**EMISSIONS** 2.0g/kg

**HEATING CAPACITY** up to 20 sq

**MAX LOG LENGTH** 400mm

The 31 LE Millenium wood stove celebrates the 25th anniversary of the best-selling 3100 Millenium wood stove. The unique design features an integrated wood storage area, together with all the QuadraFire features and technology... plus the added feature of optional tiled side panels to enhance the overall appearance and complement its surrounds.

**3100 LE**

**Feature packed in a convenient design**

**FEATURES:**
- Automatic Combustion Control (ACC)
- Patented four point burn technology
- 32mm brick lined firebox
- Up to 27 squares heating capacity
- Solid 6-8mm steel construction
- Most comprehensive warranty on the market
- NO CATALYTIC CONVERTER

**AVE BURN TIME** 10hrs

**AVE EFFICIENCY** 71%

**PEAK EFFICIENCY** 83%

**EMISSIONS** 1.4g/kg

**HEATING CAPACITY** up to 27 sq

**MAX LOG LENGTH** 450mm
4300 Millenium
Longer burns with impressive heat output

FEATURES:
- Automatic Combustion Control (ACC)
- Patented four point burn technology
- 32mm brick lined firebox
- Up to 30 squares heating capacity
- Solid 6-8mm steel construction
- Most comprehensive warranty on the market
- NO CATALYTIC CONVERTER

The functional design of the 4300 Millenium wood stove allows it to combine true performance with stylish good looks. The Automatic Combustion Control (ACC), offers truly controllable heat output, cleaner emissions and higher efficiency. This larger unit allows you to load, light and burn longer...

5700 Step Top
Largest unit in the range plus extra long burn time

FEATURES:
- Versatile Step Top design
- Automatic Combustion Control (ACC)
- Patented four point burn technology
- 32mm brick lined firebox
- Up to 37 squares heating capacity
- Solid 6-8mm steel construction
- Most comprehensive warranty on the market
- NO CATALYTIC CONVERTER

The largest freestanding stove in the range, the 5700 Step Top delivers high efficiency and low emissions, PLUS a maximum burn time of 21 hrs. The durable steel construction, convenient ash removal system and patented four-point combustion technology ensures that this unit will deliver exceptional performance for many years to come - backed by the most comprehensive warranty on the market!
The Voyageur Grand wood burning insert features all the proven Quadra-Fire technology to achieve long, clean burns and powerful, efficient heat. Heavy duty cast iron construction and accelerated lifecycle testing make the Voyageur Grand an attractive heating option.

A Zero Clearance option is now also available for new constructions.

**FEATURES:**
- Up to 8-10 hour burn time from a single load of wood
- Cast iron finish
- Designed to install flush into wall
- Thermo Fan standard
- Zero Clearance option now available

**VOYAGEUR GRAND Specifications**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>DEPTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOYAGEUR GRAND</td>
<td>829</td>
<td>603</td>
<td>597</td>
<td>456</td>
</tr>
</tbody>
</table>

**Opening**
- Unit only

**Unit Back**
- Opening into Fireplace

**AVE BURN TIME**
- 10hrs

**AVE EFFICIENCY**
- 63%

**PEAK EFFICIENCY**
- 81%

**EMISSIONS**
- 2.0g/kg

**HEATING CAPACITY**
- up to 27sq

**MAX LOG LENGTH**
- 560mm

**Turn up the heat with Advanced Combustion Technology**

1. **HOT FAST FIRES!**
   Air feeds directly into the coal bed, the heart of the fire, to provide quick start-up and a complete burn.

2. **BEAUTIFUL ROLLING FLAME BEHIND THE GLASS!**
   Air is drawn in above the glass, creating a curtain of air that helps keep the large window clean.

3. **AMAZING CEILING OF FIRE!**
   Air is superheated and injected under the baffle, igniting the flammable gases rising from the burning wood, releasing more heat and reducing emissions.

4. **SUPER CLEAN BURN!**
   Jets of pre-heated air provide oxygen to the area just above the baffle, igniting almost all remaining impurities from the wood and capturing heat that normally escapes up the chimney.

**ULTRA LOW EMISSIONS • DUAL AIR CONTROL for unmatched performance**
### QUADRA-FIRE Freestanding - Specifications

#### 2100 Millenium ACC
- Heating Capacity: up to 20kW
- Average Efficiency: 81%
- Average Emissions: 2.0G/KG
- Maximum Burn Time: 7-8 hrs

#### 31LE ACC
- Heating Capacity: up to 27kW
- Average Efficiency: 71%
- Average Emissions: 1.4G/KG
- Maximum Burn Time: 8-10 hrs

#### 4300 Millenium ACC
- Heating Capacity: up to 30kW
- Average Efficiency: 78%
- Average Emissions: 2.5G/KG
- Maximum Burn Time: 10-12 hrs

#### 5700 Step Top ACC
- Heating Capacity: up to 37kW
- Average Efficiency: 65%
- Average Emissions: 1.5G/KG
- Maximum Burn Time: 15-21 hrs

---

**QUADRA-FIRE FREESTANDING UNIT CLEARANCES**

**PARALLEL POSITIONING**

<table>
<thead>
<tr>
<th></th>
<th>With Australian default flue fitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>2100</td>
<td>31LE</td>
</tr>
<tr>
<td>Min. clearance from firebox to rear wall</td>
<td>140</td>
</tr>
<tr>
<td>Min. clearance from firebox to side wall</td>
<td>280</td>
</tr>
<tr>
<td>Min. clearance from firebox opening to floor protector front</td>
<td>300</td>
</tr>
<tr>
<td>Min. clearance from firebox to floor protector side</td>
<td>76</td>
</tr>
<tr>
<td>Min. clearance from flue centre to side wall</td>
<td>577</td>
</tr>
<tr>
<td>Min. clearance from rear wall to front of floor protector</td>
<td>1078</td>
</tr>
<tr>
<td>Width of floor protector</td>
<td>746</td>
</tr>
</tbody>
</table>

**NOTE:** HEAT SHIELD REQUIREMENTS FOR HEAT SENSITIVE WALLS
Clearances may be reduced by provision of an appropriately located heat shield - refer to AS/NZS 2918:2001 3.2.3 Table 3.1

---

**CORNER POSITIONING (45°)**

<table>
<thead>
<tr>
<th></th>
<th>With Australian default flue fitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>2100</td>
<td>31LE</td>
</tr>
<tr>
<td>Min. clearance from firebox to corner walls</td>
<td>210</td>
</tr>
<tr>
<td>Min. distance from centre of spigot to corner</td>
<td>764</td>
</tr>
<tr>
<td>Min. distance from corner wall to floor protector front</td>
<td>1317</td>
</tr>
<tr>
<td>Min. floor protector projection from side wall</td>
<td>897</td>
</tr>
<tr>
<td>Min. floor protector front width</td>
<td>394</td>
</tr>
<tr>
<td>Min. overall floor protector front depth</td>
<td>1365</td>
</tr>
</tbody>
</table>

1. Place the firebox on the floor protector to suit the minimum installation clearances
2. If installed directly onto a concrete slab, the concrete slab can be considered as the floor protector, but must still maintain the specified minimum clearances

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**ULTRA LOW EMISSIONS - AS/NZS Compliant 2015 & 2019**

*ULTRA LOW EMISSIONS - AS/NZS Compliant 2015 & 2019*
**WS18-AU Wood Stove**

The WS18 features advanced technology, 6mm steel construction, ease of operation and minimal maintenance, plus unrivalled efficiency, to make this the perfect heating option.

![Image of WS18-AU Wood Stove]

<table>
<thead>
<tr>
<th>AVE BURN TIME</th>
<th>AVE EFFICIENCY</th>
<th>PEAK EFFICIENCY</th>
<th>EMISSIONS</th>
<th>HEATING CAPACITY</th>
<th>MAX LOG LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>8hrs</td>
<td>85%</td>
<td>86%</td>
<td>1.3g/kg</td>
<td>up to 21sq</td>
<td>460mm</td>
</tr>
</tbody>
</table>

**WINS18-AU Wood Insert**

The WINS18 Insert offers all the features and technology that the Heatilator brand is known for:

- Ultra Low emissions - Compliant with 2015/2019 standards
- Both Primary and Secondary combustion technology for a cleaner burn and less maintenance
- Wide opening door with single lever operation
- 6mm steel construction
- An air wash system to keep the glass clean
- **ZERO CLEARANCE OPTION AVAILABLE**
- **15 YEAR WARRANTY** - The most comprehensive warranty on the market

![Image of WINS18-AU Wood Insert]

<table>
<thead>
<tr>
<th>AVE BURN TIME</th>
<th>AVE EFFICIENCY</th>
<th>PEAK EFFICIENCY</th>
<th>EMISSIONS</th>
<th>HEATING CAPACITY</th>
<th>MAX LOG LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>8hrs</td>
<td>77%</td>
<td>86%</td>
<td>1.1g/kg</td>
<td>up to 21sq</td>
<td>460mm</td>
</tr>
</tbody>
</table>

**WS22-AU Wood Stove**

The WS22 features 6mm steel construction, a wide opening, an air wash system to keep the glass clean and a secondary wood combustion system to give you cleaner burns and less maintenance.

![Image of WS22-AU Wood Stove]

<table>
<thead>
<tr>
<th>AVE BURN TIME</th>
<th>AVE EFFICIENCY</th>
<th>PEAK EFFICIENCY</th>
<th>EMISSIONS</th>
<th>HEATING CAPACITY</th>
<th>MAX LOG LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>12hrs</td>
<td>82%</td>
<td>85%</td>
<td>1.2g/kg</td>
<td>up to 30sq</td>
<td>560mm</td>
</tr>
</tbody>
</table>

All Heatilator units are **AS/NZS COMPLIANT 2015 & 2019 ULTRA LOW EMISSIONS**
# Heatilator ECOCHOICE™ - Specifications

## CLEARANCES

### PARALLEL POSITIONING

<table>
<thead>
<tr>
<th>Description</th>
<th>Default Flue Kit</th>
<th>Default Flue Kit (WS22 ONLY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Min. clearance from back of unit to rear wall</td>
<td>175</td>
<td>100</td>
</tr>
<tr>
<td>B. Min. clearance from centre of spigot to rear wall</td>
<td>345</td>
<td>268</td>
</tr>
<tr>
<td>C. Min. distance from front of base to floor protector front</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>D. Min. floor protector front width</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>E. Min. distance from rear wall to front of floor protector</td>
<td>1087</td>
<td>1120</td>
</tr>
<tr>
<td>F. Min. distance from unit side to side wall</td>
<td>300</td>
<td>400</td>
</tr>
<tr>
<td>G. Min. clearance from centre of spigot to side wall</td>
<td>618</td>
<td>730</td>
</tr>
</tbody>
</table>

### CORNER POSITIONING (45°)

<table>
<thead>
<tr>
<th>Description</th>
<th>Default Flue Kit</th>
<th>Default Flue Kit (WS22)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Min. clearance from firebox corner to wall</td>
<td>155</td>
<td>75</td>
</tr>
<tr>
<td>B. Min. distance from centre of spigot to corner</td>
<td>707</td>
<td>604</td>
</tr>
<tr>
<td>C. Min. distance from corner wall to floor protector front</td>
<td>1269</td>
<td>1273</td>
</tr>
<tr>
<td>D. Min. floor protector projection from corner wall</td>
<td>780</td>
<td>786</td>
</tr>
<tr>
<td>E. Min. floor protector front width</td>
<td>692</td>
<td>688</td>
</tr>
<tr>
<td>F. Min. overall floor protector depth</td>
<td>1449</td>
<td>1456</td>
</tr>
</tbody>
</table>

---

Learn more
Scan the QR Code to the left with your phone’s QR Code reader to learn more about Heatilator.
Australia’s most efficient Slow Combustion Fires!

The Quadra-Fire and Heatilator range of wood fires boasts unmatched efficiency and technology for its 8 models, with the Quadra-Fire 5700 Step Top boasting an unheard of maximum 21 hours burn time from a single load of wood. Quadra-Fire’s efficiency rate averages 85% - the Australian average is 65%. The Heatilator range includes 2 freestanders and an insert - with the WS18 laying claim to Australia’s most efficient wood fireplace, and the WINS18 claiming the mantel of Australia’s most efficient wood insert!

Our exclusive Automatic Combustion Control system turns you into a professional fire builder. Whether you are starting a cold stove, or reloading for the long burn, the automatic air control provides all the extra air to start the burning process, and then turns the stove down to your desired rate.

Patented Combustion System
Quadra-Fire patented four-point combustion system burns the smoke just like fuel in four distinct zones of the combustion chamber. In each of these zones, potential heat that would normally escape up the chimney of a conventional wood stove is, instead, captured to warm your home. This means cleaner air, less chimney maintenance, and fewer trips to the woodpile.

Tested and Approved
The Quadra-Fire and Heatilator wood burning range has been tested and approved to Australian Emission and Thermal Standard AS/NZ 4012/13, and Clearance Standard AS/NZ 2918.

CLEAN, EFFICIENT WOOD FIRES WITH OUTSTANDING FEATURES

Environmentally Friendly Operation contributing to a ‘Greener Earth’

- Australia’s most efficient fireplace (WS18)
- Australia’s most efficient and cleanest burning insert fireplace (WINS18)
- An air wash system to keep the glass clean
- Both Primary and Secondary Combustion Technology for cleaner burns and less maintenance
- 15 YEAR WARRANTY Most comprehensive on the market
- NO CATALYTIC CONVERTER

The Quad 57ST will give you a maximum 21hr burn time
A 10% saving translates to approximately a ton of wood
A wood fire achieving 85% efficiency should save you 2 ton of wood a year