

# QUADRA-FIRE®

NOTHING BURNS LIKE A QUAD

Heatilator®  
**ECO** CHOICE™



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

# 2100 Millennium

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

The 2100 Millennium 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.



PEAK EFFICIENCY  
91%



EMISSIONS  
2.0g/kg



HEATING CAPACITY  
upto 20sq



MAX LOG LENGTH  
400mm

# 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

The 31LE Millennium wood stove celebrates the 25th anniversary of the best-selling 3100 Millennium 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.



PEAK EFFICIENCY  
83%



EMISSIONS  
1.4g/kg



HEATING CAPACITY  
upto 27sq



MAX LOG LENGTH  
450mm

# 4300 Millennium

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 Millennium 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...



AVE BURN TIME  
12hrs



AVE EFFICIENCY  
78%



PEAK EFFICIENCY  
89%



EMISSIONS  
2.5g/kg



HEATING CAPACITY  
up to 30 sq



MAX LOG LENGTH  
460 mm

# 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!

UP TO  
21 HOUR  
BURN  
TIME



AVE BURN TIME  
18hrs



AVE EFFICIENCY  
65%



PEAK EFFICIENCY  
73%



EMISSIONS  
1.5g/kg



HEATING CAPACITY  
up to 37sq



MAX LOG LENGTH  
540 mm

# Voyageur Grand ACC Insert



## INSERT MODEL

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

| MODEL          | WIDTH   |           | HEIGHT  |                | WEIGHT    |
|----------------|---------|-----------|---------|----------------|-----------|
|                | Opening | Unit Back | Opening | Into Fireplace | Unit only |
| VOYAGEUR GRAND | 829     | 603       | 597     | 456            | 180kgs    |



AVE BURN TIME  
10hrs



AVE EFFICIENCY  
63%



PEAK EFFICIENCY  
81%



EMISSIONS  
2.0g/kg



HEATING CAPACITY  
up to 27sq



MAX LOG LENGTH  
560 mm

## Turn up the heat with Advanced Combustion Technology

### ① HOT FAST FIRES!

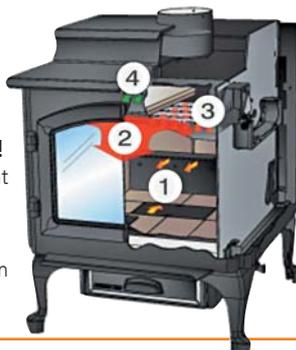
Air feeds directly into the coal bed, the heart of the fire, to provide quick start-up and a complete burn.

### 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.

### LIMITED LIFETIME WARRANTY

Quadra-Fire offers a Limited Lifetime warranty of 10 years on our wood heating appliances, and 3 years on labour.



### 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!

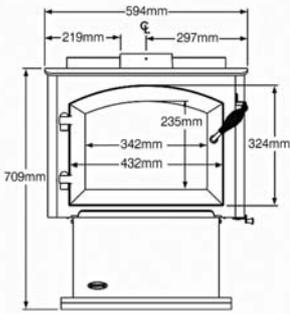
Jets of pre-heated air provide oxygen to the area just above the baffle, igniting almost all remaining impurities from the wood and capturing heat that normally escapes up the chimney.

ULTRA LOW EMISSIONS • DUAL AIR CONTROL for unmatched performance

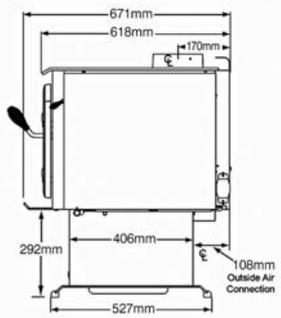
# QUADRA-FIRE Freestanding - Specifications

## 2100 Millenium ACC

Front View



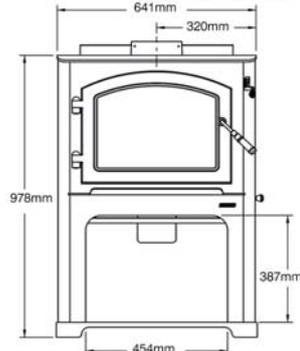
Side View



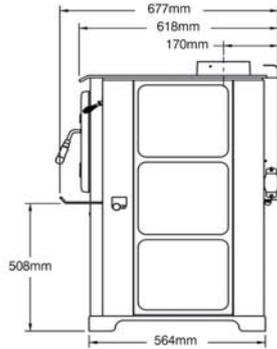
|                    |            |
|--------------------|------------|
| Heating Capacity   | up to 20sq |
| Average Efficiency | 81%        |
| Average Emissions  | 2.0G/KG    |
| Maximum Burn Time  | 7-8 hrs    |

## 31LE ACC

Front View



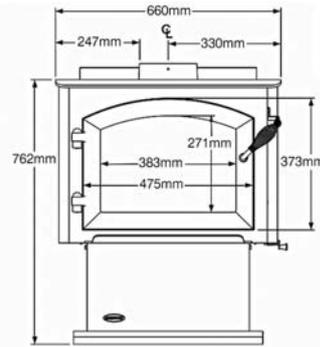
Side View



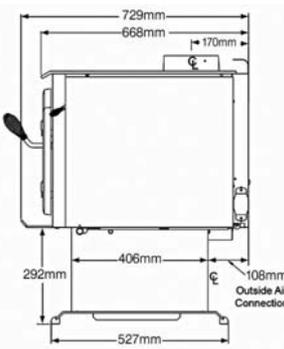
|                    |            |
|--------------------|------------|
| Heating Capacity   | up to 27sq |
| Average Efficiency | 71%        |
| Average Emissions  | 1.4G/KG    |
| Maximum Burn Time  | 8-10 hrs   |

## 4300 Millenium ACC

Front View



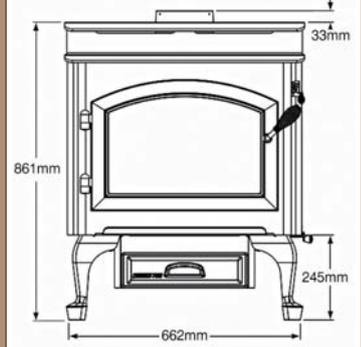
Side View



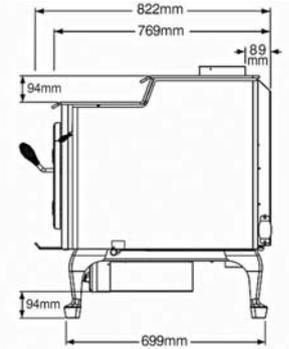
|                    |            |
|--------------------|------------|
| Heating Capacity   | up to 30sq |
| Average Efficiency | 78%        |
| Average Emissions  | 2.5G/KG    |
| Maximum Burn Time  | 10-12 hrs  |

## 5700 Step Top ACC

Front View



Side View



|                    |            |
|--------------------|------------|
| Heating Capacity   | up to 37sq |
| Average Efficiency | 65%        |
| Average Emissions  | 1.5G/KG    |
| Maximum Burn Time  | 15-21 hrs  |

- PLEASE NOTE:**
- Step-Top models are available with either legs or pedestal
  - Above dimensions are for reference only. We recommend measuring individual units at installation. Refer to installation manual for detailed specifications on installing this product.
  - Quadra-Fire reserves the right to update products and/or specifications periodically.
  - The images and descriptions in this brochure are provided to assist in product selection only.

**QUAD BURN 4X**



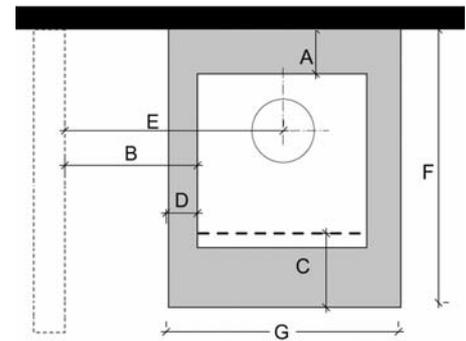
**AUTOMATIC COMBUSTION CONTROL**



## QUADRA-FIRE FREESTANDING UNIT CLEARANCES

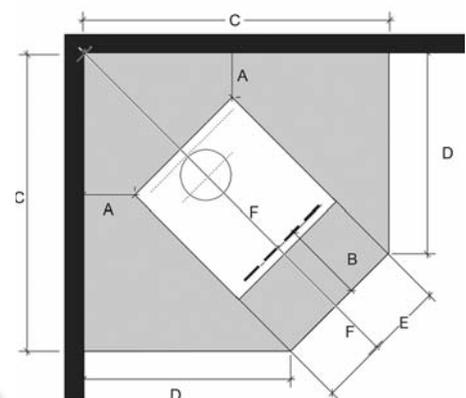
| PARALLEL POSITIONING  | With Australian default flue fitted |      |      |               |
|---|-------------------------------------|------|------|---------------|
|   | 2100                                | 31LE | 4300 | 5700 Step Top |
| <b>A</b> Min. clearance from firebox to rear wall                     | 160                                 | 175  | 200  | 200           |
| <b>B</b> Min. clearance from firebox to side wall                     | 280                                 | 360  | 400  | 330           |
| <b>C</b> Min. clearance from firebox opening to floor protector front | 300                                 | 300  | 300  | 450           |
| <b>D</b> Min. clearance from firebox to floor protector side          | 76                                  | 80   | 69   | 76            |
| <b>E</b> Min. clearance from flue centre to side wall                 | 577                                 | 668  | 730  | 673           |
| <b>F</b> Min. clearance from rear wall to front of floor protector    | 1078                                | 1093 | 1168 | 1419          |
| <b>G</b> Width of floor protector                                     | 746                                 | 800  | 798  | 850           |

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°)   | With Australian default flue fitted |      |      |               |
|--|-------------------------------------|------|------|---------------|
|  | 2100                                | 31LE | 4300 | 5700 Step Top |
| <b>A</b> Min. clearance from firebox to corner walls             | 210                                 | 225  | 250  | 100           |
| <b>B</b> Min. distance from centre of spigot to corner           | 764                                 | 796  | 854  | 654           |
| <b>C</b> Min. distance from corner wall to floor protector front | 1317                                | 1379 | 1401 | 1481          |
| <b>D</b> Min. floor protector projection from side wall          | 897                                 | 813  | 934  | 880           |
| <b>E</b> Min. floor protector front width                        | 594                                 | 800  | 660  | 850           |
| <b>F</b> Min. overall floor protector front depth                | 1565                                | 1550 | 1652 | 1669          |

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



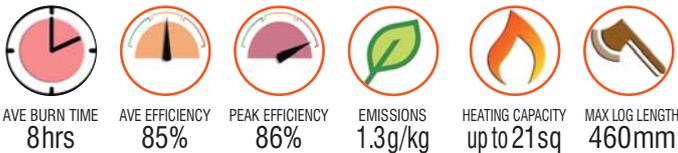
**ULTRA LOW EMISSIONS - AS/NZS Compliant 2015 & 2019\***

\*31LE and 5700ST are 2019 Compliant

**WS18-AU Wood Stove**



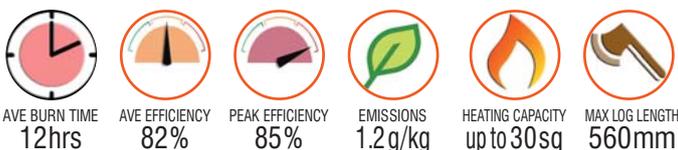
The WS18 features advanced technology, 6mm steel construction, ease of operation and minimal maintenance, plus unrivalled efficiency, to make this the perfect heating option.



**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.

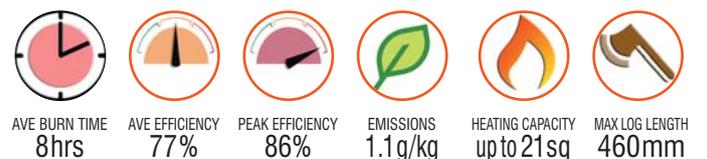


**WINS18-AU Wood Insert**



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



All Heatilator units are  
 AS/NZS COMPLIANT 2015 & 2019  
**ULTRA LOW EMISSIONS**

# heatilator<sup>®</sup> ECOCHOICE™ - Specifications

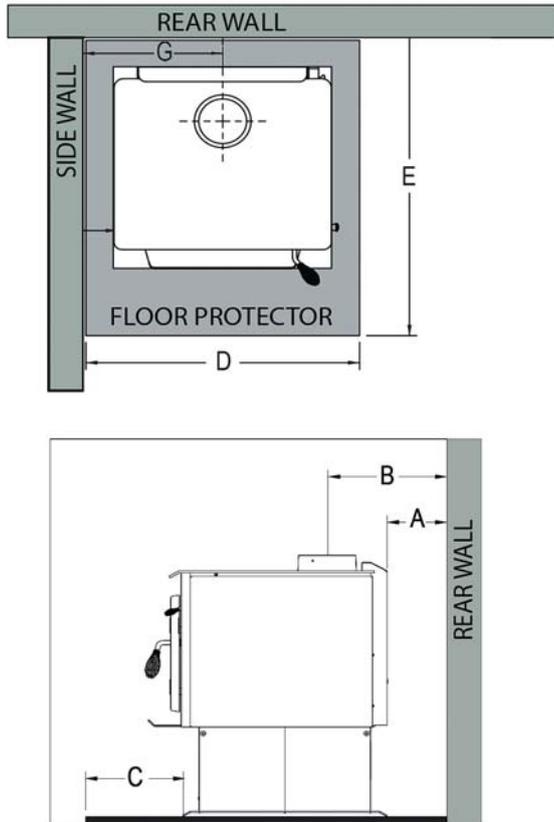
| WS18 Specifications |        |
|---------------------|--------|
| Width               | 635mm  |
| Height              | 736mm  |
| Depth               | 673mm  |
| Weight              | 145kgs |

| WS22 Specifications |        |
|---------------------|--------|
| Width               | 660mm  |
| Height              | 863mm  |
| Depth               | 781mm  |
| Weight              | 185kgs |

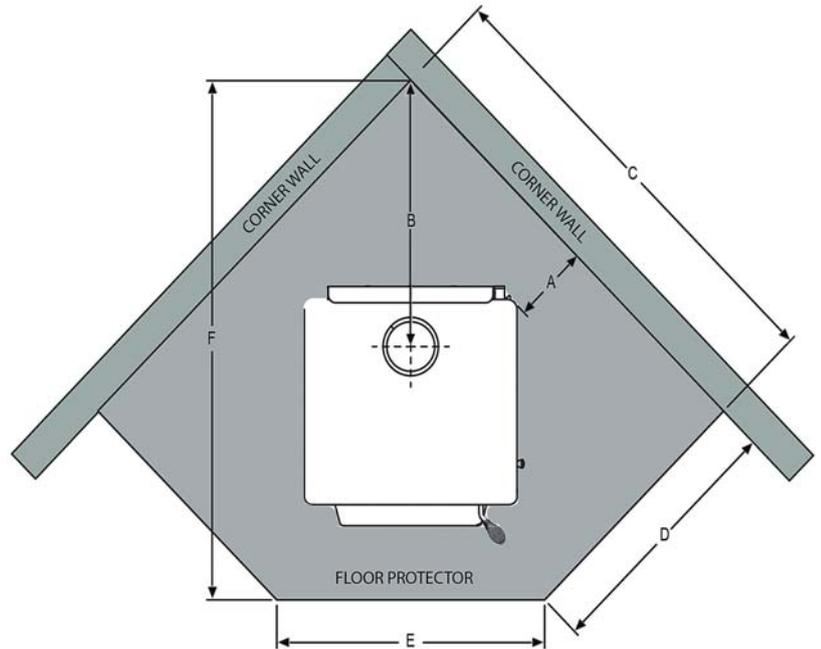
| WINS18 Specifications              |        |
|------------------------------------|--------|
| Min. Firebox Opening - Front Width | 622mm  |
| Min. Firebox Opening - Back Width  | 622mm  |
| Min. Firebox Opening - Height      | 546mm  |
| Min. Firebox Opening - Depth       | 406mm  |
| Weight                             | 153kgs |

## CLEARANCES

### PARALLEL POSITIONING



### CORNER POSITIONING (45°)



| DESCRIPTION   | Default Flue Kit |      | Default Flue Kit with Flue Shield (WS22 ONLY) |
|---|------------------|------|---|
|   | WS18             | WS22 |   |
| A Min. clearance from back of unit to rear wall             | 175              | 300  | 100   |
| B Min. clearance from centre of spigot to rear wall         | 345              | 468  | 268   |
| C Min. distance from front of base to floor protector front | 300              | 300  | 300   |
| D Min. floor protector front width                          | 800              | 800  | 800   |
| E Min. distance from rear wall to front of floor protector  | 1087             | 1320 | 1120  |
| F Min. distance from unit side to side wall                 | 300              | 400  | 400   |
| G Min. clearance from centre of spigot to side wall         | 618              | 730  | 730   |

| DESCRIPTION   | Default Flue Kit |                       |
|---|------------------|-----------------------|
|   | WS18             | WS22 with Flue Shield |
| A Min. clearance from firebox corner to walls             | 155              | 75                    |
| B Min. distance from centre of spigot to corner           | 707              | 604                   |
| C Min. distance from corner wall to floor protector front | 1269             | 1273                  |
| D Min. floor protector projection from corner wall        | 780              | 786                   |
| E Min. floor protector front width                        | 692              | 688                   |
| F Min. overall floor protector depth                      | 1449             | 1456                  |



## 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 mantle 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.

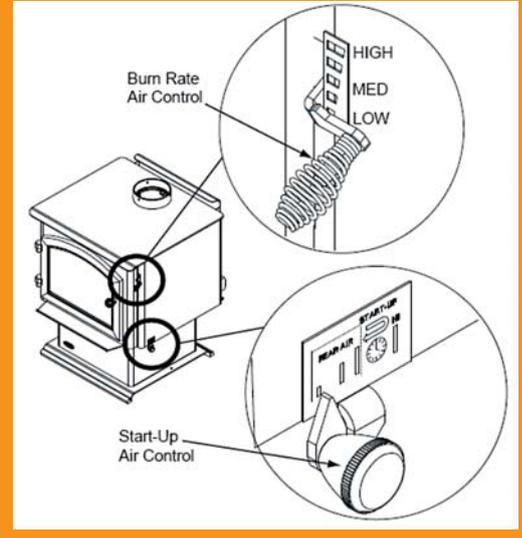
### Patented Combustion System

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.

### AUTOMATIC COMBUSTION CONTROL For a perfect fire every time!



## 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



PLEASE CONTACT US AT:  
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