

# Ultra Low Emission Burners

ULEB

Ruby

**YUNCA**<sup>®</sup>  
ENGINEERING A RENEWABLE FUTURE





Same  
warmth.  
Lower  
emissions.

# The Future of Wood Heating

For decades, Yunca has built fires for New Zealand homes, made here for the way we live and the way we keep warm. That tradition matters. So does what comes next.

## What is a ULEB?

ULEB stands for Ultra Low Emission Burner.

It is clever technology with a simple purpose: to significantly reduce particulate emissions while preserving the warmth, atmosphere and independence that make wood fires such an enduring part of New Zealand homes.

ULEBs are tested using Canterbury Method 1.6 (CM 1.6) to meet strict air quality standards and are required for new wood fire installations in many Clean Air Zones across New Zealand.

## Made for Clean Air Zones

Across New Zealand, different air quality standards apply to wood burners, and in many Clean Air Zones, including Christchurch, new wood fire installations require ULEB technology.

Yunca's ULEB range is designed specifically to meet these requirements, delivering cleaner, more efficient wood heating without compromising on quality or style.

ULEB technology reduces emissions while retaining the warmth, atmosphere and experience that make a Yunca wood fire special.

## Built for What Comes Next

Yunca has been designing and manufacturing wood fires in New Zealand for decades. ULEB technology is the next evolution of that experience.

It brings together generations of fire-making knowledge with considered engineering for the homes and communities of tomorrow.



# Ruby

ULEB

The Ruby is a stylish, modern fire incorporating a cooktop, adding functionality to any home.

Ruby's large glass window provides a mesmerising view of the flames, enhancing the warmth and ambiance of any living space. The large door allows for easy refuelling of wood.

SPECIFICATIONS

**Heat Output**  
20kW Heating up to 200m².

**Fire**  
8mm plate-steel cook-top; 5mm plate-steel firebox, fully lined with 40mm refractory firebricks.

**Features**  
Grate and ash pan with lid for ash removal.

**Minimum Clearances from Combustible Surfaces**  
☉ With Yunca DBL-Skin Half Guard

**Flat Wall**  
Rear: 100mm  
Side: 375mm  
Centre of flue to back wall: 265mm

**Corner**  
Centre of flue to front edge of hearth: 630mm  
Centre of flue to the side wall: 520mm  
Corner of unit to wall: 200mm

**Minimum Floor Protector Clearances**  
6mm thick Ash Hearth made from non-combustible materials.  
Front: 300mm  
Side: 103mm

AVAILABLE FINISHES

Standard

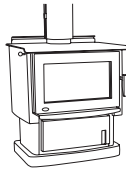
● HTP BLACK  
High temperature paint finish

Optional Vitreous Enamel Colours *(subject to availability)*

- GUNMETAL BLACK
- CHOCOLATE
- BLUE GREY
- SILVER GREY
- SAGE
- ARCTIC WHITE

*Please note that colour range shown is limited by the printing process and are given as a guide only.*

MODELS



**Ruby Wood Burner**  
A robust base styling to go with the Ruby's large glass area.



# Ellery

ULEB

The Ellery is a sleek, contemporary woodburner that brings refined style and lasting warmth to your home.

Designed with both beauty and efficiency in mind, the Ellery delivers clean, reliable heat with a timeless look. Its extra-wide glass window frames the flames, creating a calming and ambient atmosphere.

SPECIFICATIONS

**Heat Output**  
16kW. Heating up to 160m².

**Fire**  
5mm plate steel firebox, fully lined with 40mm refractory firebricks, 8mm plate steel cooktop.

**Minimum Clearances from Combustible Surfaces**  
☉ With Yunca DBL-Skin Half Guard

**Flat Wall**  
Rear: 125mm  
*(50mm with reduced clearance heat shield fitted)*  
Side: 400mm

Centre of flue to the back wall: 331mm  
*(256mm with reduced clearance heat shield fitted)*  
Centre of flue to the front edge of hearth: 612mm

**Corner**  
Corner of unit to the wall: 175mm  
Centre of flue to the side wall: 535mm

Centre of flue to the front edge of hearth: 612mm

**Minimum Floor Protector Clearances**  
6mm thick Ash Hearth made from non-combustible materials.  
Front: 300mm  
Side: 115mm

AVAILABLE FINISHES

Standard

● HTP BLACK  
High temperature paint finish

OPTIONS

The Ellery is available with a choice of 3 different stand options:



Leg Stand



Pedestal Stand



Euro Stand





Ruby



Ellery

# Wall Clearances & Floor Protection

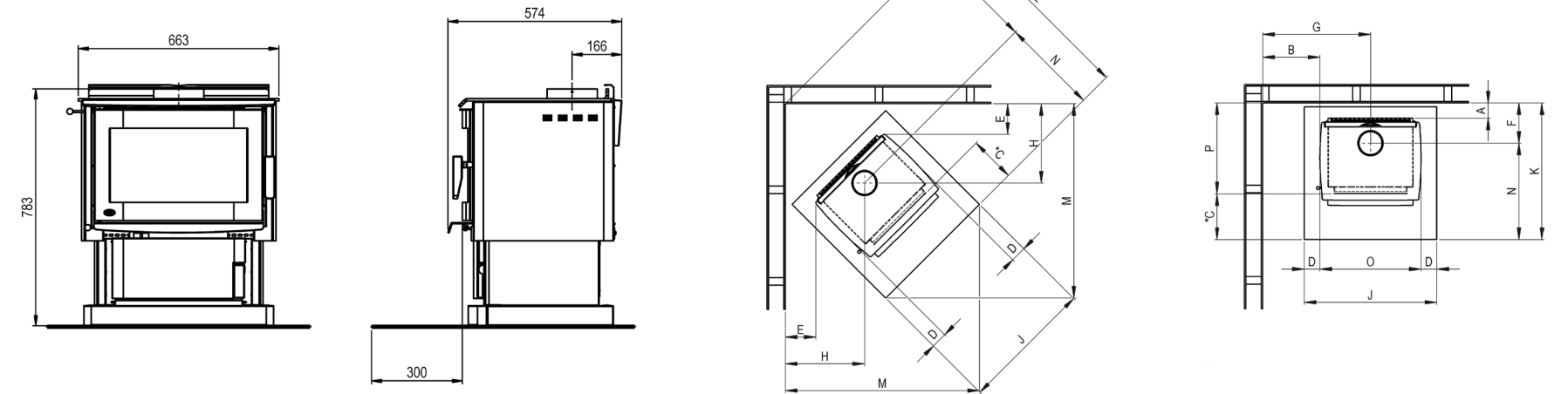
| MINIMUM FIRE TO COMBUSTIBLE WALL CLEARANCES<br>WITH YUNCA DBL-SKIN HALF GUARD FITTED (measurements in millimetres) |            |     |     |             |     |     |     |  |
|--------------------------------------------------------------------------------------------------------------------|------------|-----|-----|-------------|-----|-----|-----|--|
| MODEL                                                                                                              | A          | B   | E   | F           | G   | H   | Q   |  |
| Ruby                                                                                                               | 100        | 375 | 200 | 265         | 705 | 520 | 735 |  |
| Ellery                                                                                                             | 125 / 50** | 400 | 175 | 331 / 256** | 715 | 535 | 795 |  |

| MINIMUM FLOOR PROTECTION MEASUREMENTS<br>(measurements in millimetres) |     |     |     |             |      |      |     |     |             |  |
|------------------------------------------------------------------------|-----|-----|-----|-------------|------|------|-----|-----|-------------|--|
| MODEL                                                                  | C   | D   | J   | K           | L    | M    | N   | O   | P           |  |
| Ruby                                                                   | 300 | 103 | 870 | 895         | 1365 | 1275 | 630 | 663 | 595         |  |
| Ellery                                                                 | 300 | 115 | 860 | 952 / 877** | 1391 | 1288 | 612 | 630 | 652 / 577** |  |

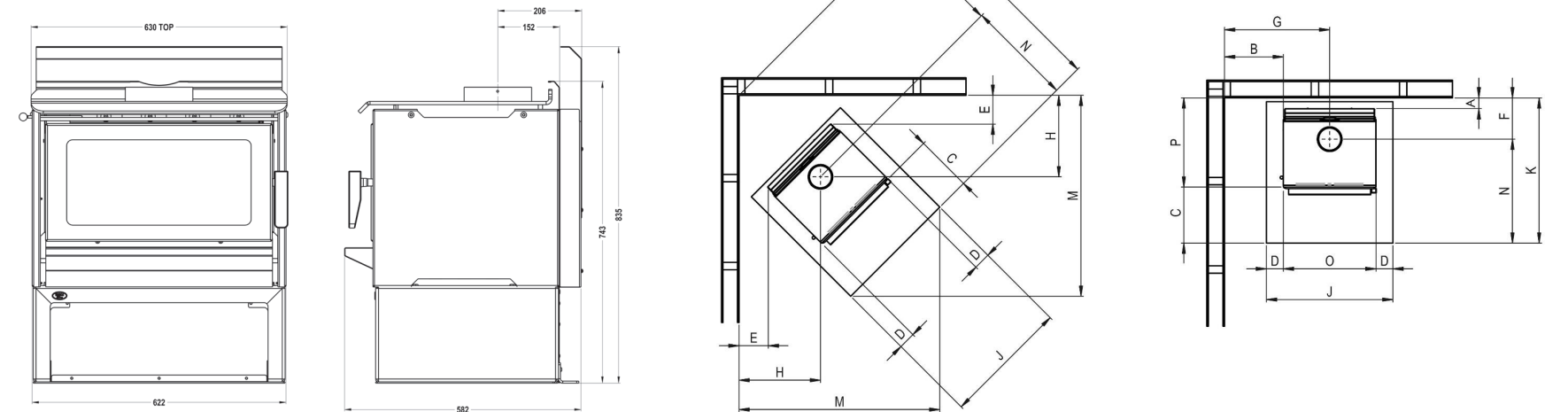
\*TESTED TO AS/NZS 2918:2001

\*\*Reduced clearance

## Ruby



## Ellery



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*Ellery shown with Pedestal Stand*

*Images shown are for illustrative purposes.*