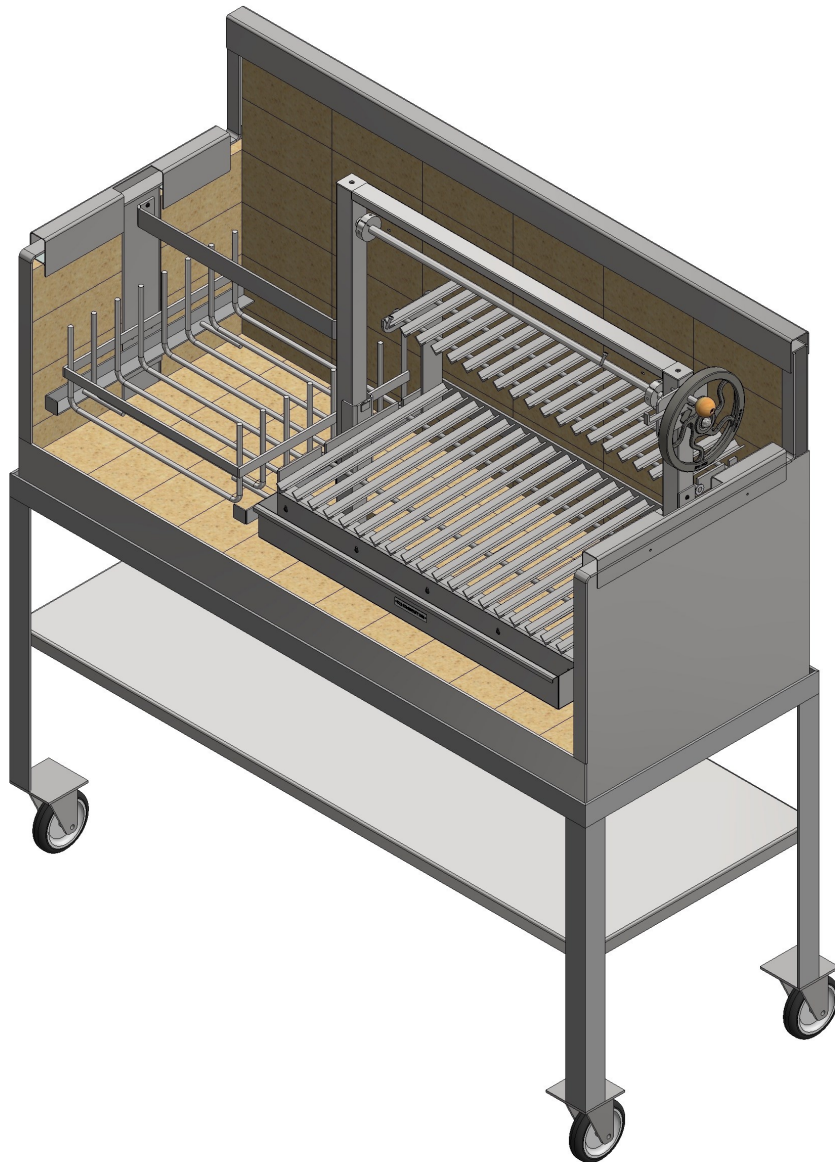


# Kiwi Grill Wood BBQ

## Outdoor South-American Style BBQ Cooking Wood Fire Installation Instructions



**Visit [www.warmington.co.nz](http://www.warmington.co.nz) for specs, DWGs and PDF uploads of fires**

### **BBQ and instructions to comply with ASNZS 2918:2001 & Building Code C/AS1 7.5 Open Fires**

Keep these instructions for further reference. Ensure that you have the correct and current installation details for the Warmington Fire.

#### **Installation**

The Warmington unit is to be installed by a certified Warmington installer or an approved NZHHA installation technician.

#### **IMPORTANT**

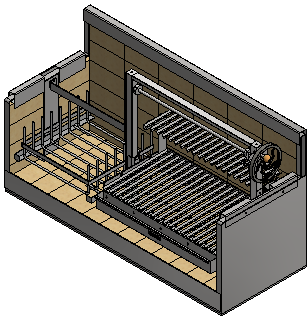
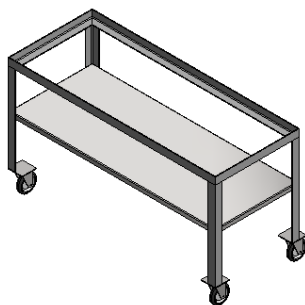

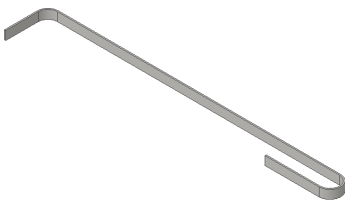
Read all the instructions carefully before commencing the installation. Failure to follow these instructions may result in a fire hazard and void the warranty.

**Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.**

All dimensions are in mm

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# COMPONENTS REQUIRED FOR CONSTRUCTION

Supplied	No:
<b>Warmington KG Firebox</b> Note: bricks shown in image 	<b>1</b>
<b>Trolley</b> 	<b>1</b>
<b>25mm Bricks</b> 	<b>~88</b>
<b>Ember rake</b> 	<b>1</b>

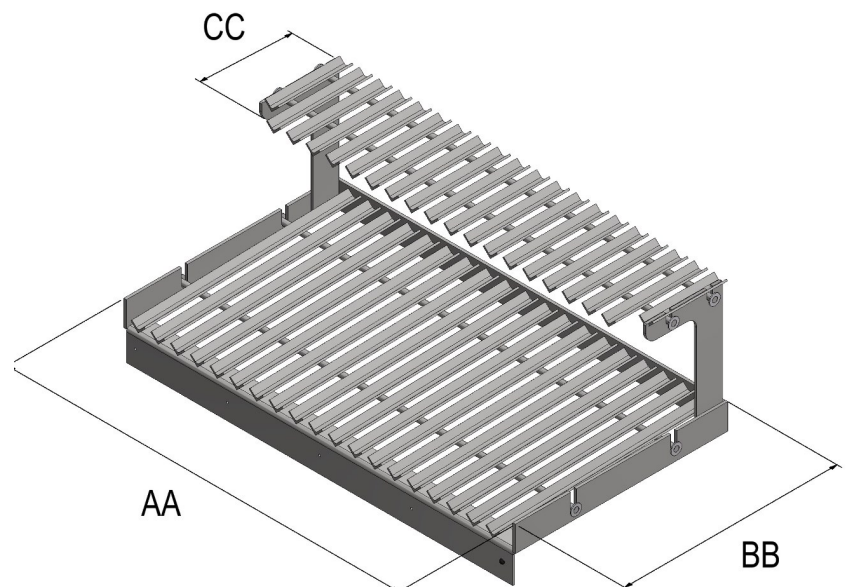
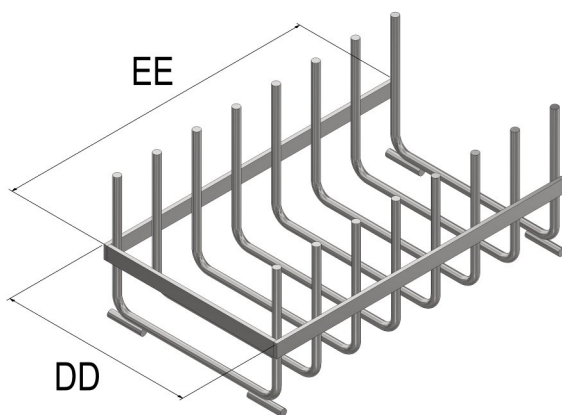
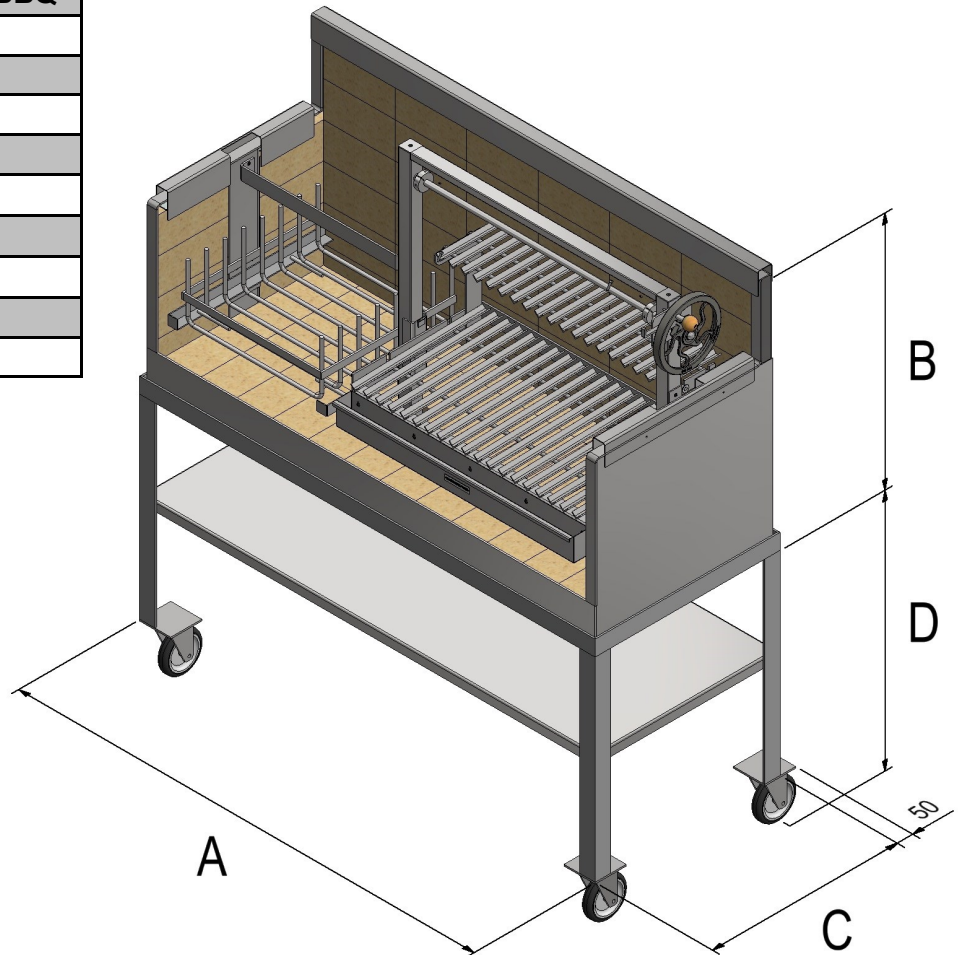
Checklist:	
Firebox incl. grill, wood basket etc	
Bricks	
Ember rake	
Badge	
Packed by:	

# GENERAL INFORMATION

The Warmington Kiwi Grill BBQ is an outdoor wood fire cooking appliance designed to be freestanding and mobile. The appliance comes with an adjustable barbeque grill and wood basket. Operation and maintenance instructions are available at [www.warmington.co.nz](http://www.warmington.co.nz).

## 1.1 KIWIGRILL BBQ FIREBOX AND TROLLEY DIMENSIONS

Description		Kiwi Grill BBQ
Firebox width	A	1465
Firebox height	B	767
Firebox depth	C	595
Trolley height	D	800
Grill width	AA	765
Grill depth	BB	425
Warming rack depth	CC	180
Wood basket width	DD	450
Wood basket depth	EE	490



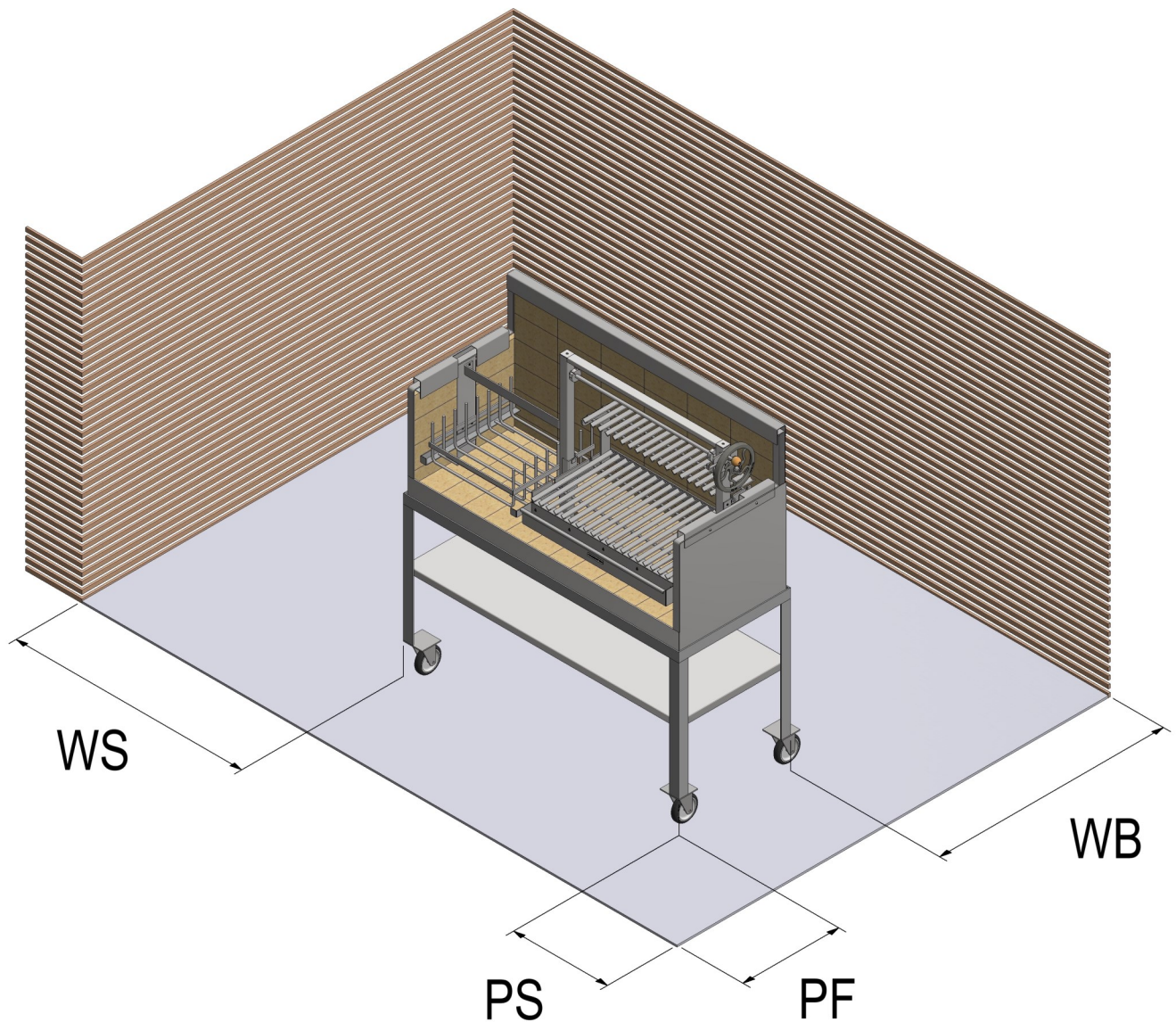
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## 1.2 MINIMUM CLEARANCES TO COMBUSTIBLE MATERIAL WHEN OPERATING THE KIWI GRILL BBQ

Description		Kiwigrill
Wall clearance side	<b>WS</b>	1200
Wall clearance back	<b>WB</b>	1200
Hearth projection side	<b>PS</b>	500
Hearth projection front	<b>PF</b>	500



### Important notes:

Installation scenario shown is an example only.

Cabinet installation is an untested situation (AS/NZS 2918). Clearances may be reduced by installing heatshields on combustible walls. AS/NZS 2918 heat shield requirements apply.

All area under the BBQ when in use, must be non-combustible material.

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## 2.1 INSTALLING INSIDE KITCHEN AREA

Warmington Industries does not recommend using the Kiwi Grill BBQ inside, as it has been designed for outdoor use. However if the fire is installed in a commercial kitchen situation, ensure all the recommended clearances to combustible materials are met, with the necessary hearth projection, and width and area under the burner are made from non-combustible material. AS/NZS 2918 can be used to reduce clearances as per heat shield regulations.

As this is a wood burning appliance it is also important to have a rangehood that will ensure all smoke will be extracted from the working area. The hood needs to be at least as big as the depth and width of the Kiwi Grill and large enough to fit the flue size.

Warmington recommends using the formula:

$$2\sqrt{H * 50} = D$$

Where H is the height from the base of the firebox to the bottom of the rangehood. D is the diameter of the flue needed, this is usually rounded up, to the nearest 50, as this is what is supplied by most flue manufacturers. For example, if the distance from the firebox base to the rangehood is 600mm, we recommend the flue diameter to be

$$2\sqrt{600 * 50} = 346 \rightarrow 350mm$$

## POINTS TO CONSIDER

### Pressure Differential, Venting & External Air into the Building

All fires need air to burn and draw correctly. Kitchen fans, air conditioning units, high wind zones, and naturally forming draught spaces can all have an effect on the pressure differential from inside the building to the outside. A lower pressure in the building may induce a draught down the flue system and back into the building, causing the fire to smoke or spill into the building. Care needs to be taken at the design and installation stage to adequately vent the building to ensure that there is always a neutral or positive pressure at the fireplace and a negative pressure at the flue outlet. A mechanical system for the room can be added to aid this if necessary (e.g. air conditioning system). This will ensure that the draught in the flue system is always to the outside.

### Make sure all relevant standards and regulations are followed

For inside use and in a commercial setting, there may be standards and regulations outside the standards mentioned in these instructions. Ensure all relevant information relating to the use of the unit in an inside or commercial setting have been considered and understood.

## GENERAL NOTES:

- Fire operational and maintenance instructions can be downloaded from [www.warmington.co.nz](http://www.warmington.co.nz)
- Warranty - for full details on product warranties, contact your local authorised Warmington retailer.
- Correct installation, operation and maintenance must be maintained to comply with Warmington warranty.
- The appliance and flue system must be installed in accordance with AS/NZS2918:2001 and the appropriate building codes.
- The flue system and fireplace is to be swept annually or more frequently if required.

## TREATMENT OF COOKING SURFACES BEFORE USE

### **BURN OFF:**

ENSURE THAT THE OUTDOOR FIRE IS WELL VENTILATED WHEN LIGHTING FOR THE FIRST TIME, and operate fire on high for up to 5 minutes.

Cooking may proceed after the surface has been carefully wiped down with a cloth or paper towel, and before cooking on the plate or grill for subsequent times, burn off any residual oils or foreign matter by lighting or igniting the fire or Burner.

### **PREHEATING:**

It is necessary to preheat for a short time before cooking certain foods, depending on the type of food & the cooking temperature.

### **AFTER USE:**

Do NOT cool or put out the fire after use with water. This will damage the grill, cause rust and could be harmful to people standing close by the fireplace.

## WARNINGS:

- **WARNING: THE APPLIANCE AND FLUE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 2918 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES**
- **WARNING: APPLIANCES INSTALLED IN ACCORDANCE WITH THIS STANDARD SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 4013 WHERE REQUIRED BY THE REGULATORY AUTHORITY, I.E. THE APPLIANCE SHALL BE IDENTIFIABLE BY A COMPLIANCE PLATE WITH THE MARKING 'TESTED TO AS/NZS 4013'.**
- **ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED TO BE IN BREACH OF THE APPROVAL GRANTED FOR COMPLIANCE WITH AS/NZS 4013.**
- **CAUTION: MIXING OF APPLIANCE OR FLUE-SYSTEM COMPONENTS FROM DIFFERENT SOURCES OR MODIFYING THE DIMENSIONAL SPECIFICATION OF COMPONENTS MAY RESULT IN HAZARDOUS CONDITIONS. WHERE SUCH ACTION IS CONSIDERED, THE MANUFACTURER SHOULD BE CONSULTED IN THE FIRST INSTANCE.**
- **CAUTION: CRACKED AND BROKEN COMPONENTS MAY RENDER THE INSTALLATION UNSAFE.**

**NOTE: For operating instructions download from the website**

[www.warmington.co.nz](http://www.warmington.co.nz)



**Industries 1994 LTD**

**PO Box 58652, Botany 2163, Auckland**

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