

**FISHER & PAYKEL**

30" PROFESSIONAL  
COOKTOP & BACKGUARDS

---

CPV2-304, BGCV2-1230,  
BGCV2-3030, BGCV2-3030H models

PLANNING GUIDE

## CONTENTS

	PAGE	
	in	mm
<b>30" Professional Cooktop CPV2-304</b>		
Key Design Decisions	4	13
Ventilation Requirements	5	14
Product & Cavity Dimensions	6	15
Clearance Dimensions	7	16
Cavity Preparation	8	17
<b>30" Professional Cooktop Backguard BGCV2-1230</b>		
Product Dimensions	9	18
<b>30" Professional Cooktop Backguard BGCV2-3030</b>		
Product Dimensions	10	19
<b>30" Professional Cooktop Backguard BGCV2-3030H</b>		
Product Dimensions	11	20

IMPERIAL

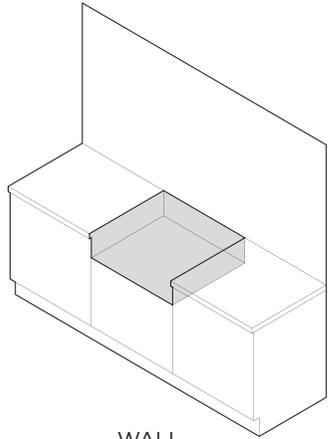
# FISHER & PAYKEL

## KEY DESIGN DECISIONS 30" Professional Gas Cooktop

Model no:  
**CPV2-304**

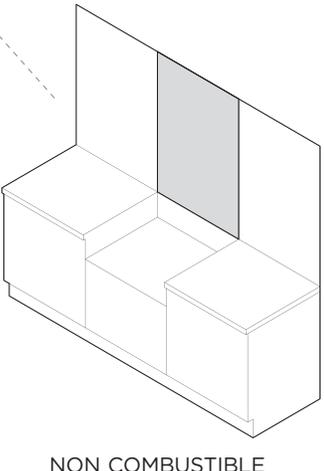
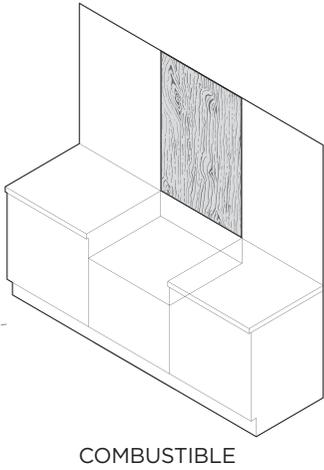
**1**

### INSTALL TYPE



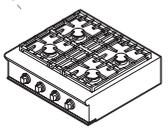
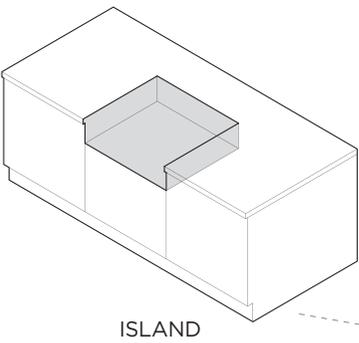
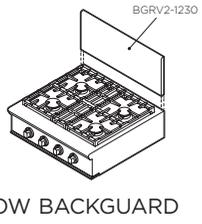
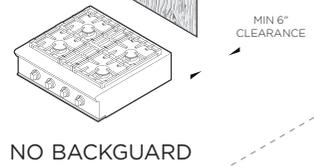
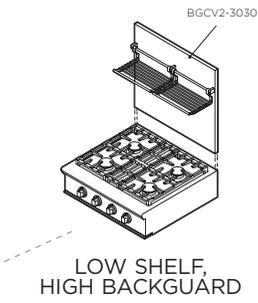
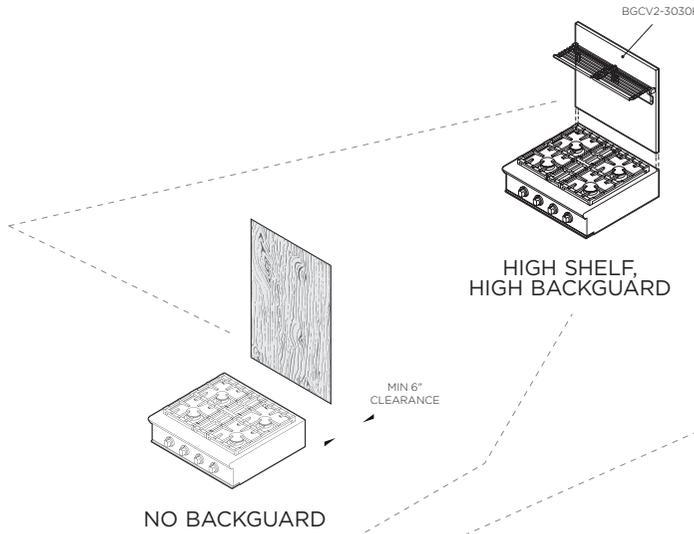
**2**

### REAR SURFACE



**3**

### BACKGUARD OPTIONS



DATE: **02.05.2018**

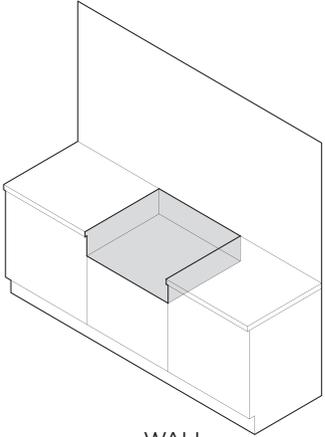
IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

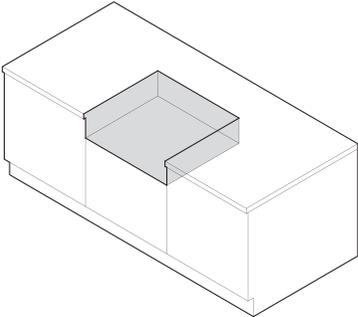
## VENTILATION REQUIREMENTS 30" Professional Gas Cooktop

1

### INSTALL TYPE



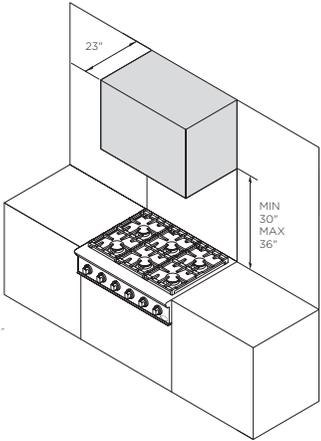
WALL



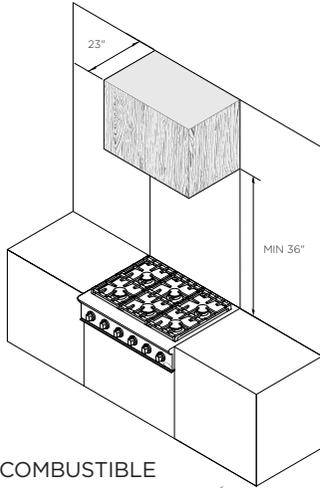
ISLAND

2

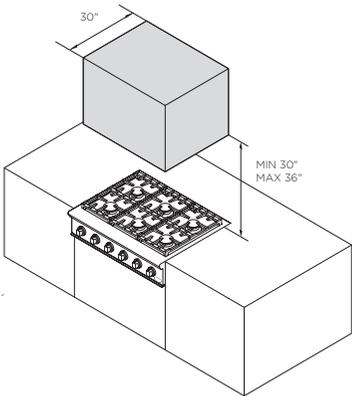
### HOOD SURROUND MATERIAL



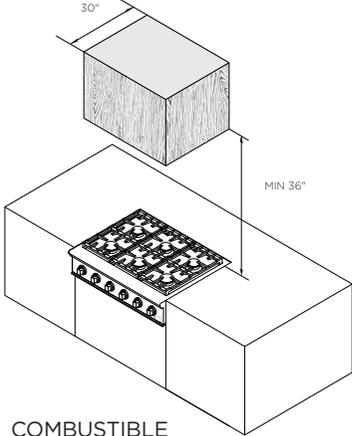
NON COMBUSTIBLE



COMBUSTIBLE



NON COMBUSTIBLE



COMBUSTIBLE

Model no:  
**CPV2-304**

Note: CPV2-366 illustrated but all dimensions apply to the above model

Specifications	
<b>Ventilation Unit</b>	<b>Wall Installation</b>
Wall Chimney Hood	23" Deep x Unit Width
Blower	600 CFM
<b>Ventilation Unit</b>	<b>Island Installation</b>
Island Chimney Hood	30" Deep x Unit Width
Blower	600 CFM
<b>Ventilation Unit</b>	<b>Wall and Island Installation</b>
Downdraft*	Unit Width
Blower	600 - 1200 CFM

Note: A suitable ventilation unit must be installed with the cooktop. The above indicates the minimum blower capacity recommended for ventilation units.

\* Not illustrated.

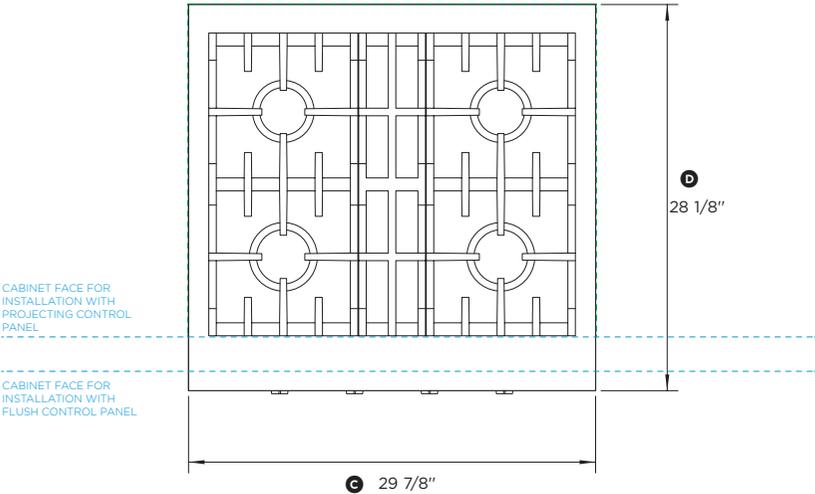
DATE: 02.05.2018

IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

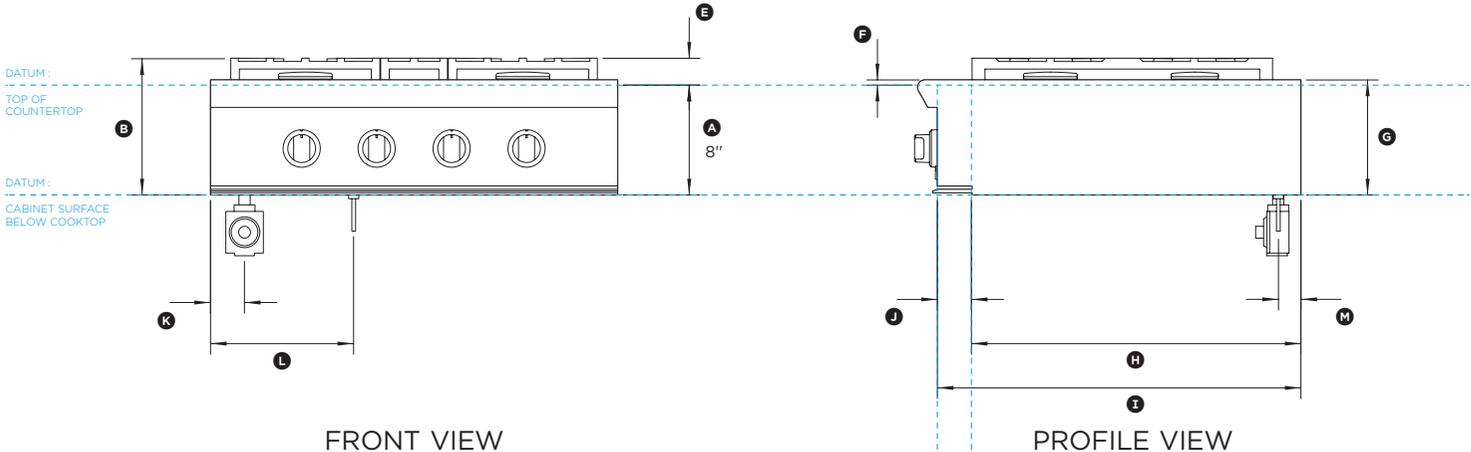
# FISHER & PAYKEL

## PRODUCT & CAVITY DIMENSIONS 30" Professional Gas Cooktop

Model no:  
**CPV2-304**



PLAN VIEW



FRONT VIEW

PROFILE VIEW

CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL | CABINET FACE FOR INSTALLATION WITH PROJECTING CONTROL PANEL



Product Dimensions	in
① Height below countertop datum to bottom of chassis	8"
② Overall height of product (bottom of chassis to top of grates)	9 15/16"
③ Overall width of cooktop	29 7/8"
④ Overall depth of cooktop	28 1/8"
⑤ Height above countertop datum to top of grates	1 15/16"
⑥ Height from countertop datum to chassis top surface	3/8"
⑦ Height of chassis	8 3/8"
⑧ Depth from rear of chassis to cabinetry datum - projecting	24 3/16"
⑨ Depth from rear of chassis to cabinetry datum - flush	26 11/16"
⑩ Depth of control panel	2 1/2"
⑪ Distance from left edge of chassis to center line of gas inlet	2 1/2"
⑫ Distance from left edge of chassis to center line of power cord	10 1/2"
⑬ Distance from rear edge of chassis to center line of gas/power	1 5/8"

Cutout Dimensions	in
Overall height of cutout	8"
Overall width of cutout	min 30"
Overall depth of cutout for projecting control panel	max
	24 3/16"
Overall depth of cutout for flush control panel	max
	26 11/16"

INDICATES CABINETRY DATUM -----  
INDICATES CUTOUT -----

DATE: **02.05.2018**

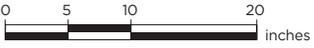
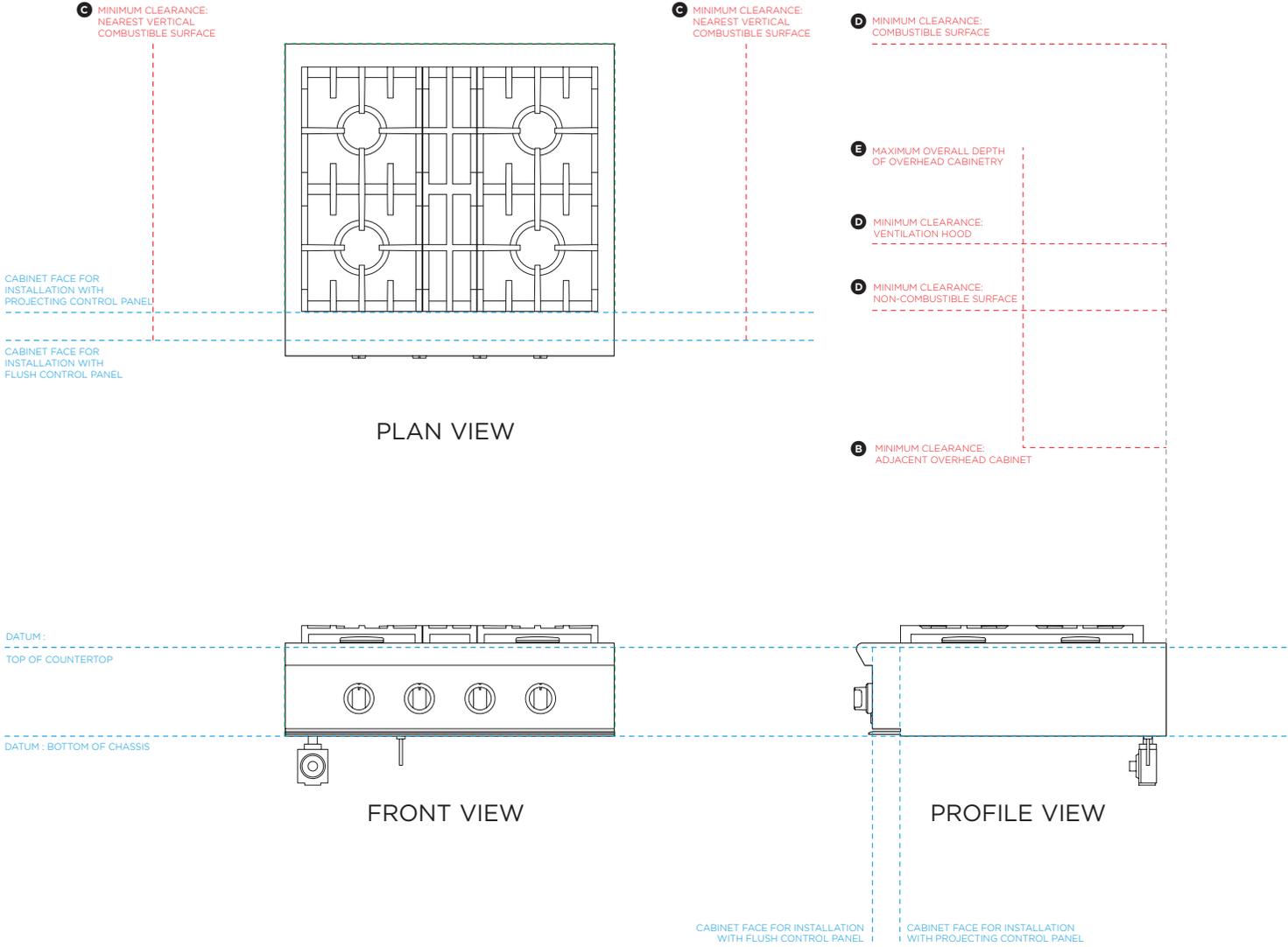
IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## CLEARANCE DIMENSIONS 30" Professional Gas Cooktop

Model no:  
**CPV2-304**

Clearance Dimensions	in
Ⓐ Minimum width of ventilation hood installed above cooktop - not shown*	30"
Ⓔ Minimum vertical distance between countertop and cabinet extending above counter	18"
Ⓒ Minimum clearance from left and right edge of cooktop to nearest vertical combustible surface	12"
Ⓓ Minimum clearance from cooking surface to: - combustible surface centered above the cooking surface - combustible covering for ventilation hood centered above the cooking surface - non-combustible surface centered above the cooking surface	54" 36" 30"
Ⓔ Maximum overall depth of overhead cabinetry	13"



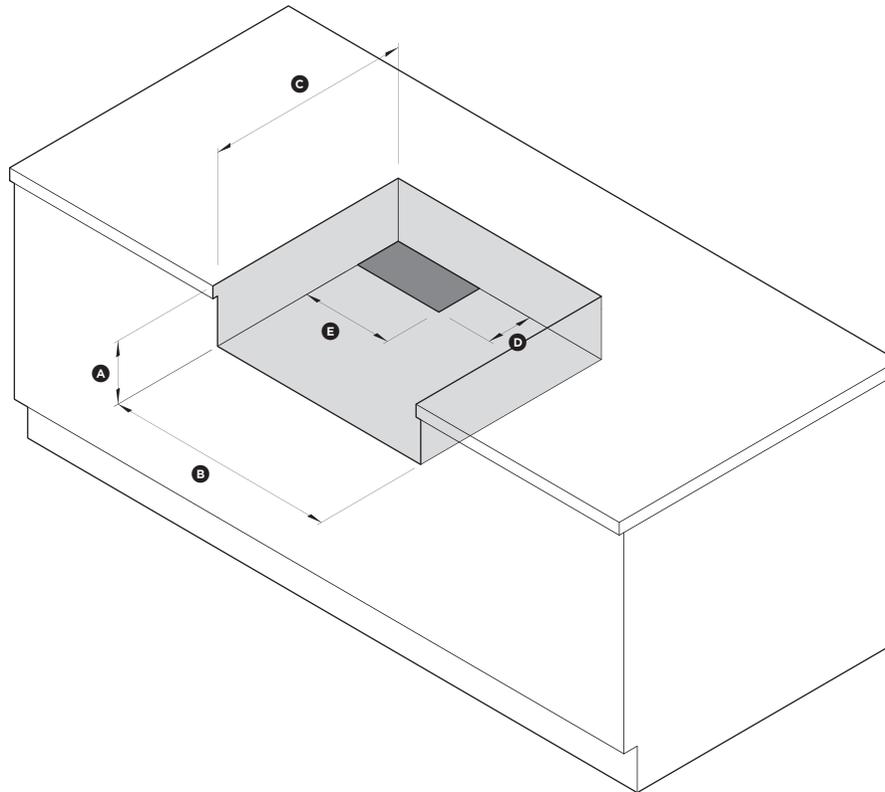
INDICATES CABINETRY CLEARANCES -----  
INDICATES PRODUCT DATUM -----

DATE: **02.05.2018**

IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## CAVITY PREPARATION 30" Professional Gas Cooktop



Model no:  
**CPV2-304**

Cavity Dimensions	in
Ⓐ Overall height of cutout	8"
Ⓑ Overall width of cutout	min 30"
Ⓒ Overall depth of cutout for projecting control panel	max 24 3/16"
Overall depth of cutout for flush control panel	max 26 11/16"

Electrical and Gas Supply Cutout	in
Ⓓ Depth of supply area from rear of cutout	6"
Ⓔ Width of supply area from left side of cutout	12"

### Specifications 30" Models

#### Electrical

Supply	120 VAC, 60Hz
Max. Current Draw	15 amp
Service	15 amp circuit

#### Gas - Natural

Connection	1/2" NPT Minimum 5/8" dia. flex line
Supply Pressure	Supply Pressure: 6" to 9" W.C.

#### Gas - LP

Connection	1/2" NPT Minimum 5/8" dia. flex line
Supply Pressure*	11" to 14" W.C.

A regulator is required at the LP source to provide a maximum pressure of 14" W.C. to the cooktop regulator.

DATE: **02.05.2018**

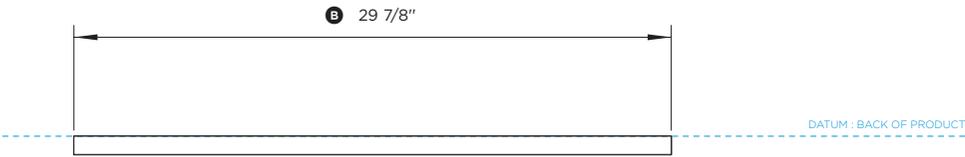
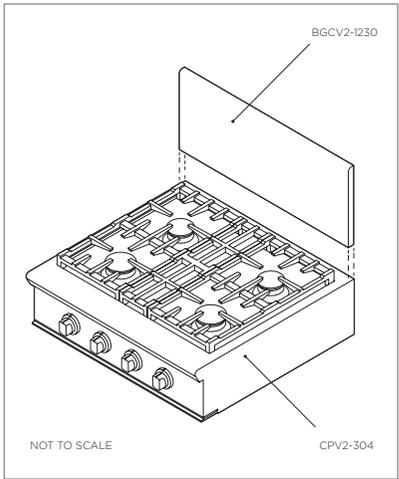
IMPORTANT: Throughout this guide, dimensions may vary by  $\pm 2\text{mm}$  (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

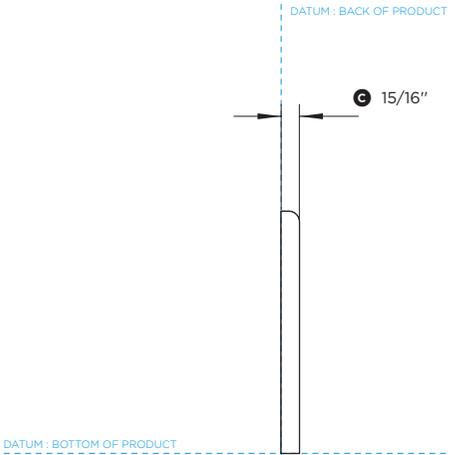
## PRODUCT DIMENSIONS 30" Professional Cooktop Backguard

Model no:  
**BGCV2-1230**

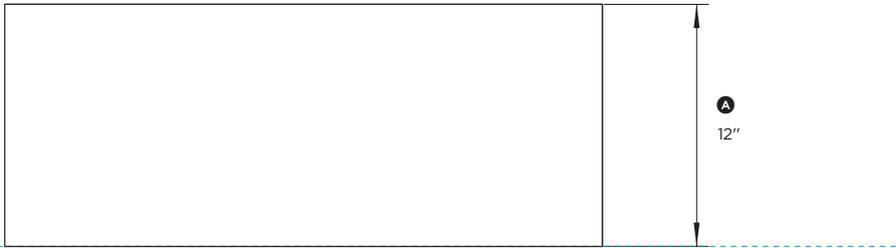
Product Dimensions	in
Ⓐ Overall height of backguard	12"
Ⓑ Overall width of backguard	29 7/8"
Ⓒ Overall depth of backguard	15/16"



PLAN VIEW



PROFILE VIEW



FRONT VIEW

INDICATES CABINETY DATUM -----



DATE: **02.05.2018**

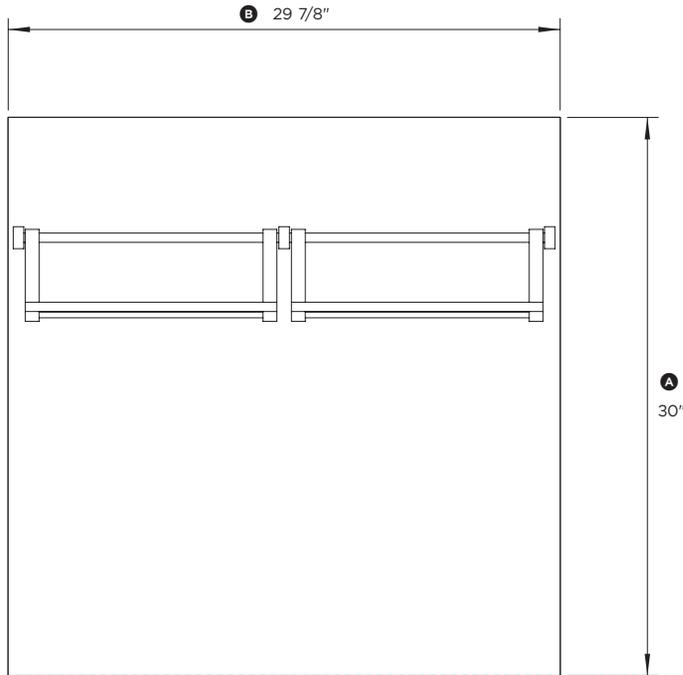
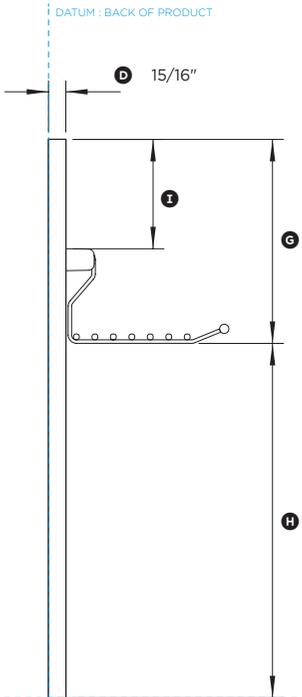
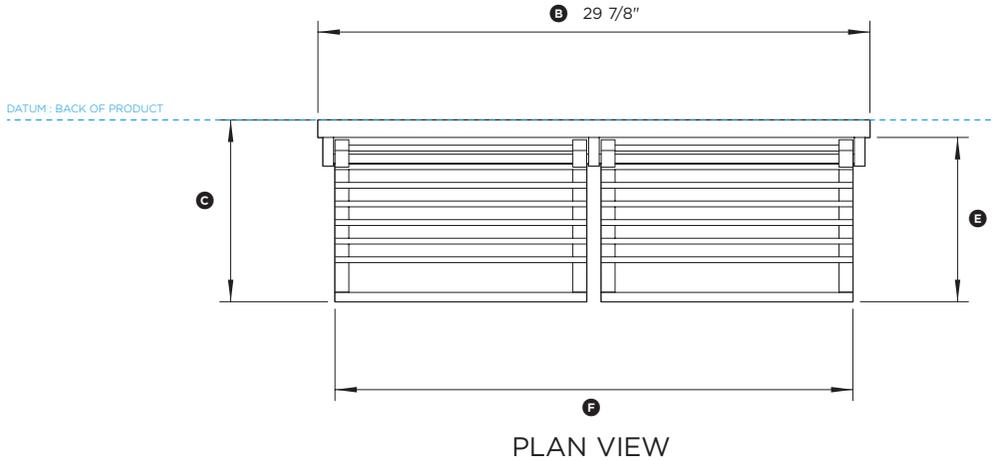
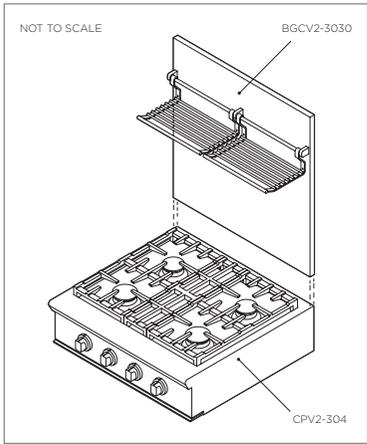
IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## PRODUCT DIMENSIONS 30" Professional Cooktop Backguard

Model no:  
**BGCV2-3030**

Product Dimensions	in
Ⓐ Overall height of backguard	30"
Ⓑ Overall width of backguard	29 7/8"
Ⓒ Overall depth of backguard and racks	9 3/4"
Ⓓ Depth of backguard	15/16"
Ⓔ Depth of racks	8 13/16"
Ⓕ Width of racks	28"
Ⓖ Distance from top of backguard to bottom of racks	10 15/16"
Ⓗ Distance from bottom of backguard to bottom of racks	19 1/16"
Ⓘ Distance from top of backguard to top of brackets	5 7/8"

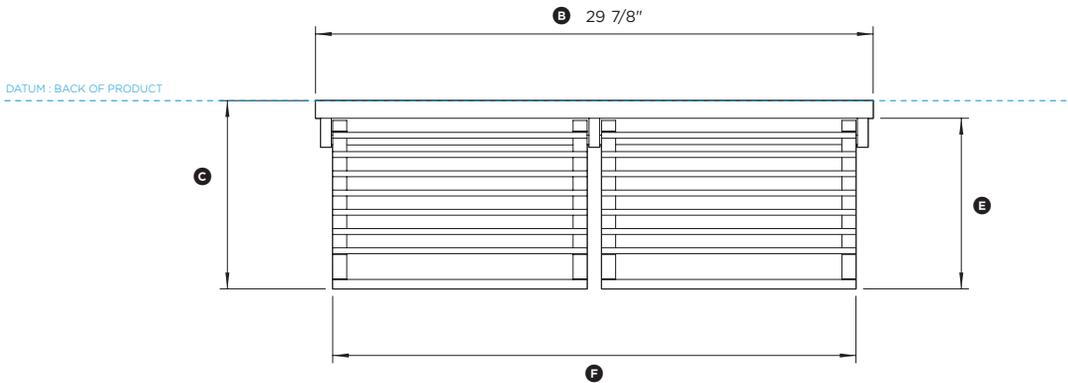
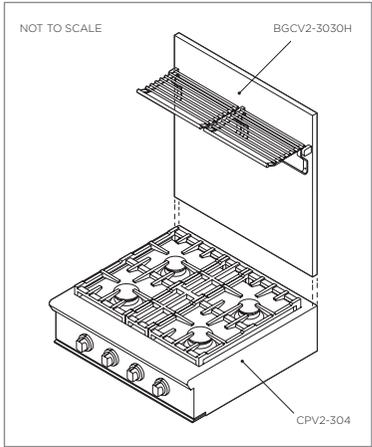


DATE: **02.05.2018**

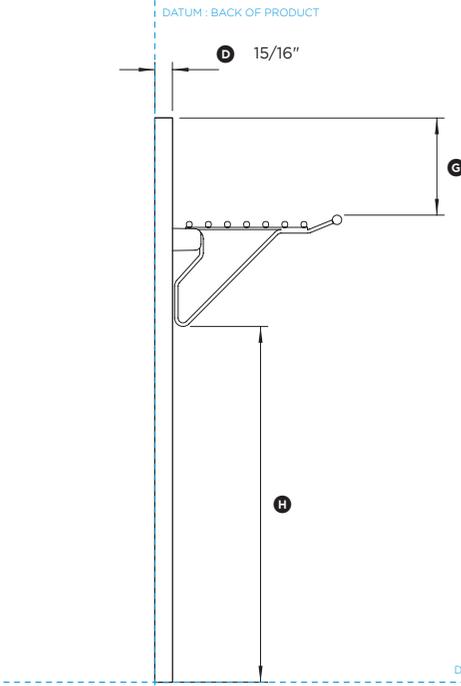
IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

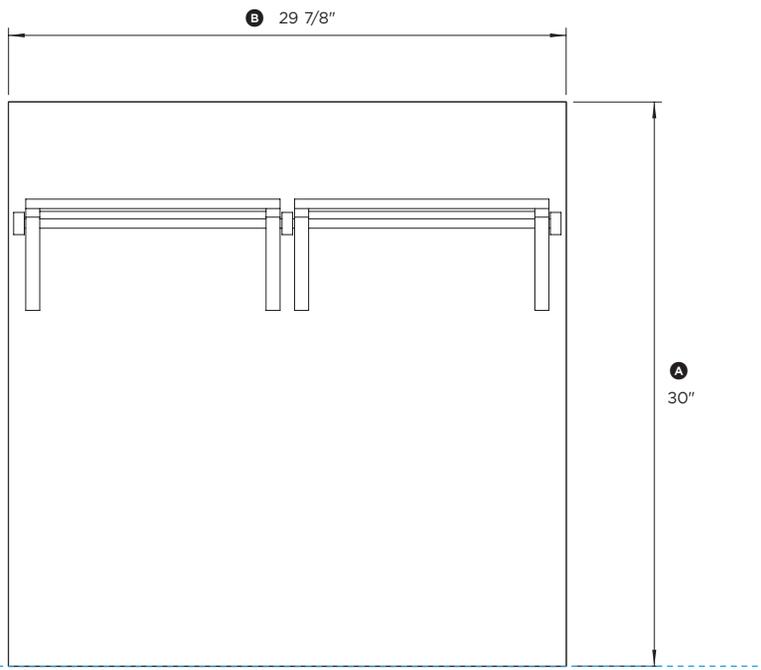
## PRODUCT DIMENSIONS 30" Professional Cooktop Backguard



PLAN VIEW



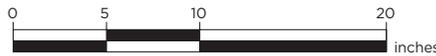
PROFILE VIEW



FRONT VIEW

Model no:  
**BGCV2-3030H**

Product Dimensions	in
Ⓐ Overall height of backguard	30"
Ⓑ Overall width of backguard	29 7/8"
Ⓒ Overall depth of backguard and racks	10"
Ⓓ Depth of backguard	15/16"
Ⓔ Depth of racks	9 1/16"
Ⓕ Width of racks	28"
Ⓖ Distance from top of backguard to top of racks	5 3/16"
Ⓗ Distance from bottom of backguard to bottom of racks	18 15/16"



INDICATES CABINETRY DATUM -----

DATE: **02.05.2018**

IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

METRIC

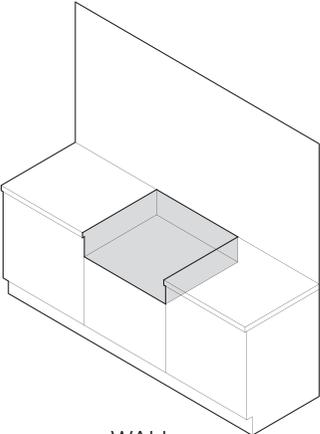
# FISHER & PAYKEL

## KEY DESIGN DECISIONS 30" Professional Gas Cooktop

Model no:  
**CPV2-304**

1

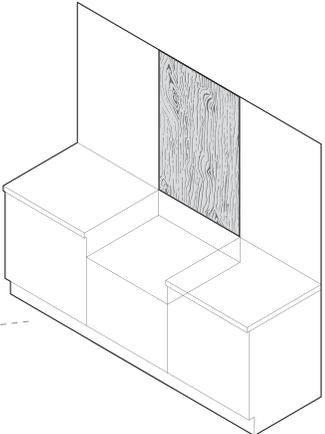
### INSTALL TYPE



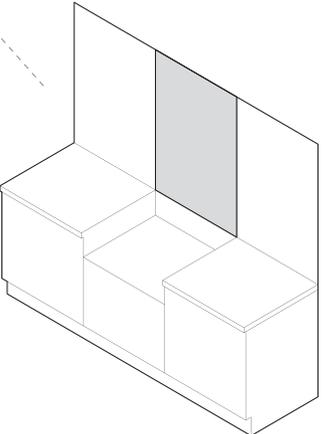
WALL

2

### REAR SURFACE



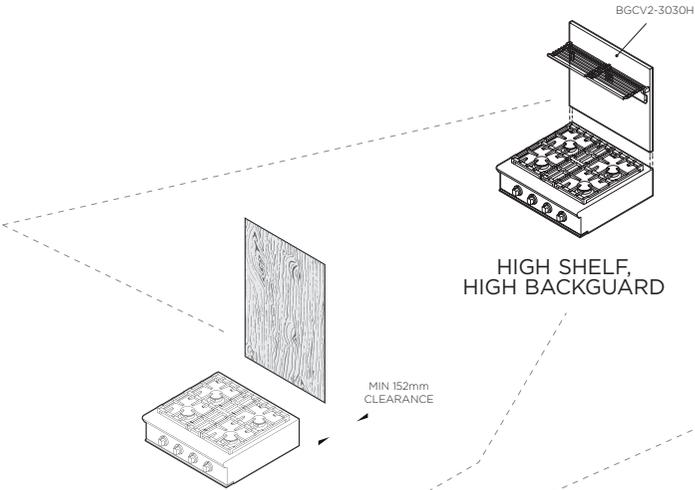
COMBUSTIBLE



NON COMBUSTIBLE

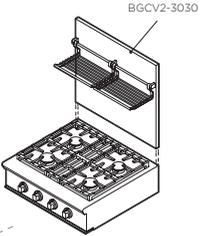
3

### BACKGUARD OPTIONS

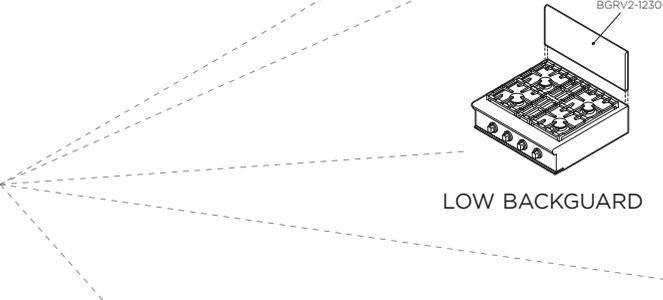


HIGH SHELF,  
HIGH BACKGUARD

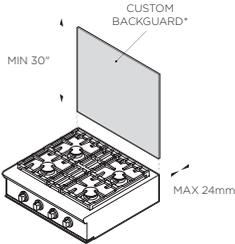
NO BACKGUARD



LOW SHELF,  
HIGH BACKGUARD

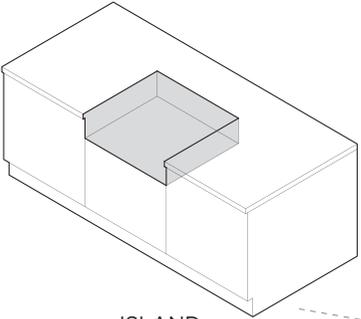


LOW BACKGUARD

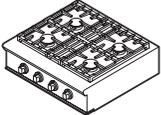


CUSTOM FABRICATED\*  
BACKGUARD

\*Fabricated from non combustible materials only.



ISLAND



NO BACKGUARD

DATE: **02.05.2018**

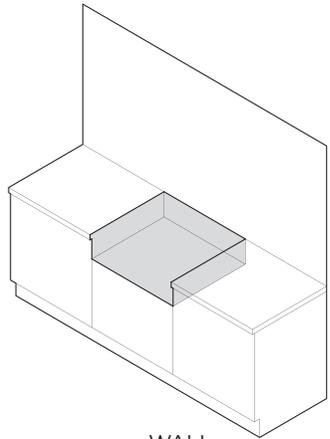
IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

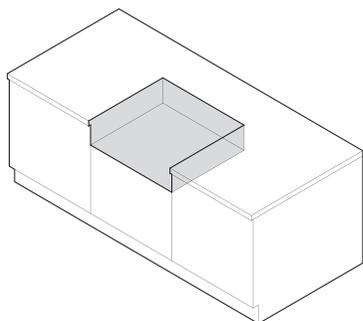
## VENTILATION REQUIREMENTS 30" Professional Gas Cooktop

1

### INSTALL TYPE



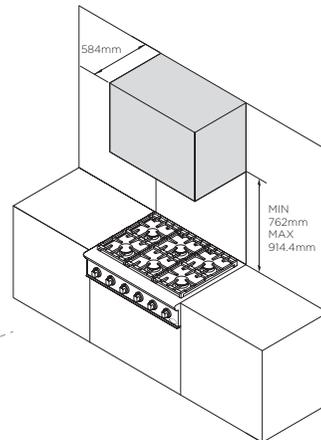
WALL



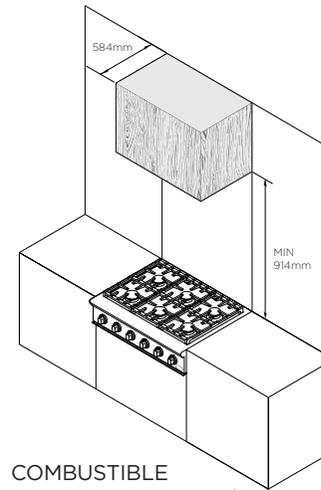
ISLAND

2

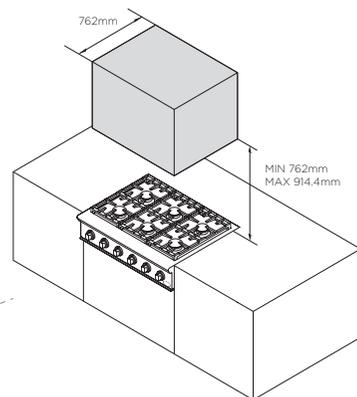
### HOOD SURROUND MATERIAL



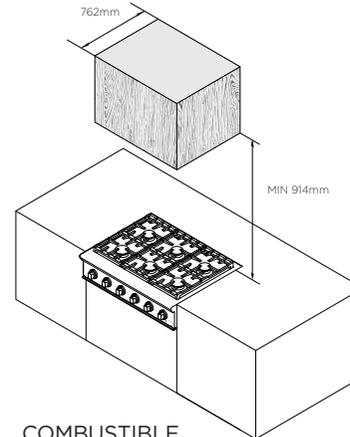
NON COMBUSTIBLE



COMBUSTIBLE



NON COMBUSTIBLE



COMBUSTIBLE

Model no:  
**CPV2-304**

Note: CPV2-366 illustrated but all dimensions apply to the above model

#### Specifications

Ventilation Unit	Wall Installation
Wall Chimney Hood	584mm Deep x Unit Width
Blower	600 CFM

Ventilation Unit	Island Installation
Island Chimney Hood	762mm Deep x Unit Width
Blower	600 CFM

Ventilation Unit	Wall and Island Installation
Downdraft*	Unit Width
Blower	600 - 1200 CFM

Note: A suitable ventilation unit must be installed with the cooktop. The above indicates the minimum blower capacity recommended for ventilation units.

\* Not illustrated.

DATE: 02.05.2018

IMPORTANT: Throughout this guide, dimensions may vary by  $\pm 2\text{mm}$  (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

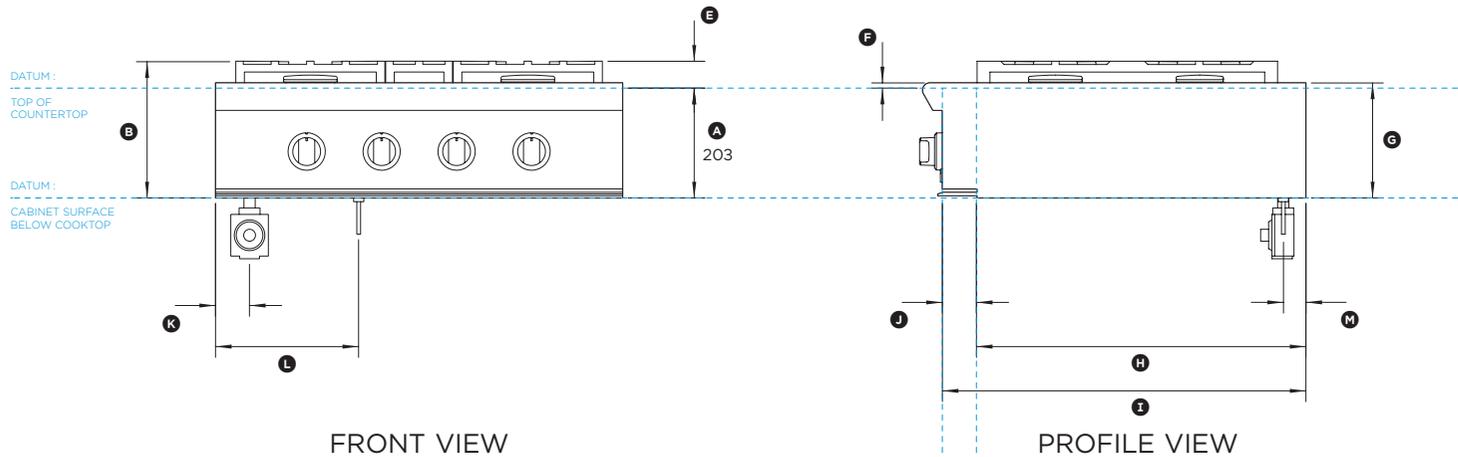
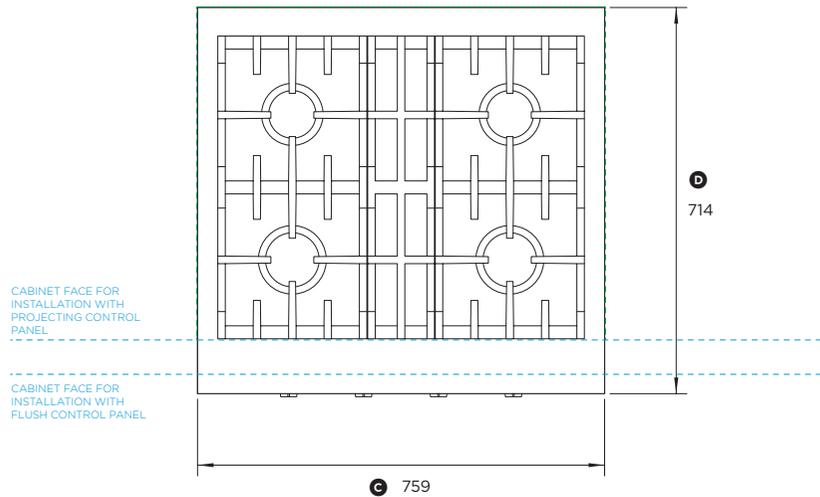
# FISHER & PAYKEL

## PRODUCT & CAVITY DIMENSIONS 30" Professional Gas Cooktop

Model no:  
**CPV2-304**

Product Dimensions	mm
① Height below countertop datum to bottom of chassis	203
② Overall height of product (bottom of chassis to top of grates)	252
③ Overall width of cooktop	759
④ Overall depth of cooktop	714
⑤ Height above countertop datum to top of grates	50
⑥ Height from countertop datum to chassis top surface	10
⑦ Height of chassis	213
⑧ Depth from rear of chassis to cabinetry datum - projecting	614
⑨ Depth from rear of chassis to cabinetry datum - flush	677
⑩ Depth of control panel	64
⑪ Distance from left edge of chassis to centre line of gas inlet	63
⑫ Distance from left edge of chassis to centre line of power cord	267
⑬ Distance from rear edge of chassis to centre line of gas/power	42

Cutout Dimensions	mm
Overall height of cutout	203
Overall width of cutout	min 762
Overall depth of cutout for projecting control panel	max 614
Overall depth of cutout for flush control panel	max 678



INDICATES CABINETRY DATUM -----  
INDICATES CUTOUT -----

DATE: **02.05.2018**

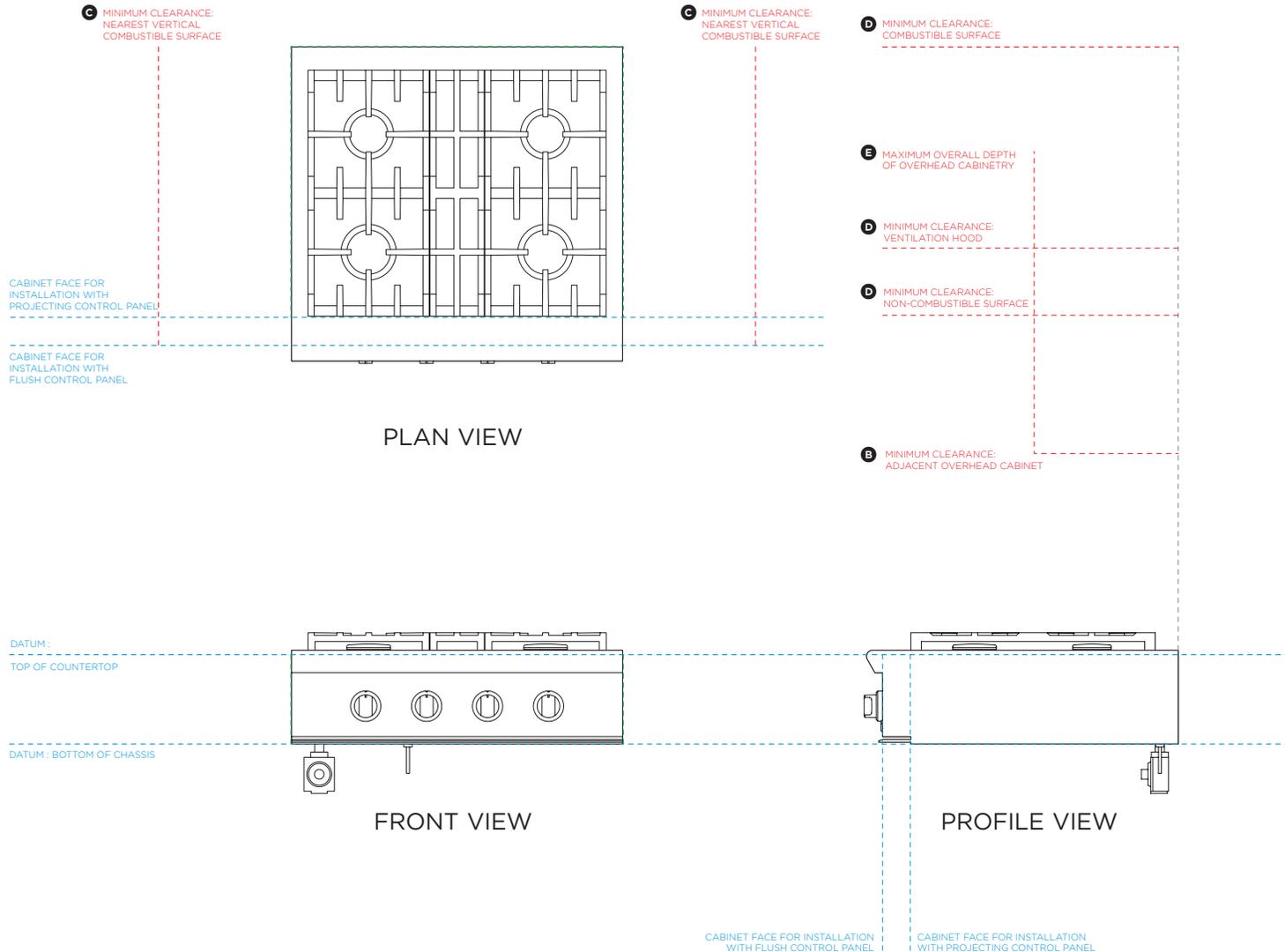
IMPORTANT: Throughout this guide, dimensions may vary by  $\pm 2\text{mm}$  (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## CLEARANCE DIMENSIONS 30" Professional Gas Cooktop

Model no:  
**CPV2-304**

Clearance Dimensions	mm
Ⓐ Minimum width of ventilation hood installed above cooktop - not shown*	762
Ⓔ Minimum vertical distance between countertop and cabinet extending above counter	457
Ⓒ Minimum clearance from left and right edge of cooktop to nearest vertical combustible surface	305
Ⓓ Minimum clearance from cooking surface to: - combustible surface centered above the cooking surface - combustible covering for ventilation hood centered above the cooking surface - non-combustible surface centered above the cooking surface	1372 914 762
Ⓔ Maximum overall depth of overhead cabinetry	330



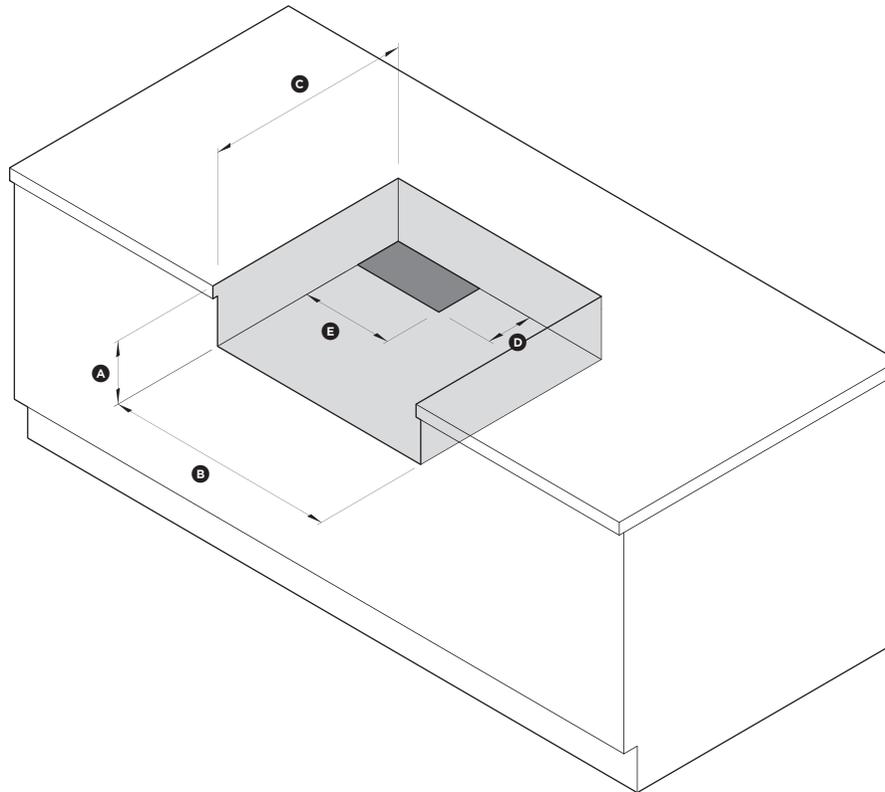
INDICATES CABINETRY CLEARANCES - - - - -  
INDICATES PRODUCT DATUM - - - - -

DATE: **02.05.2018**

IMPORTANT: Throughout this guide, dimensions may vary by  $\pm 2\text{mm}$  (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## CAVITY PREPARATION 30" Professional Gas Cooktop



Model no:  
**CPV2-304**

Cavity Dimensions	mm
Ⓐ Overall height of cutout	203
Ⓑ Overall width of cutout	min 762
Ⓒ Overall depth of cutout for projecting control panel	max 614
Overall depth of cutout for flush control panel	max 678

Electrical and Gas Supply Cutout	mm
Ⓓ Depth of supply area from rear of cutout	152
Ⓔ Width of supply area from left side of cutout	305

### Specifications 30" Models

#### Electrical

Supply	120 VAC, 60Hz
Max. Current Draw	15 amp
Service	15 amp circuit

#### Gas - Natural

Connection	1/2" NPT Minimum 5/8" dia. flex line
Supply Pressure	Supply Pressure: 6" to 9" W.C.

#### Gas - LP

Connection	1/2" NPT Minimum 5/8" dia. flex line
Supply Pressure*	11" to 14" W.C.

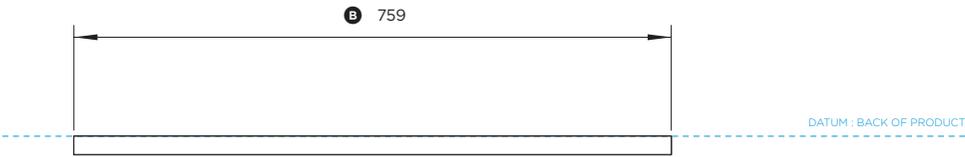
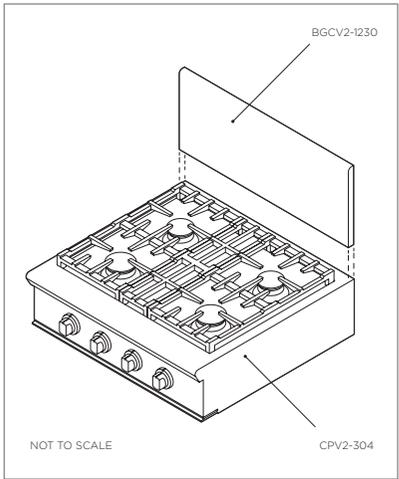
A regulator is required at the LP source to provide a maximum pressure of 14" W.C. to the cooktop regulator.

DATE: **02.05.2018**

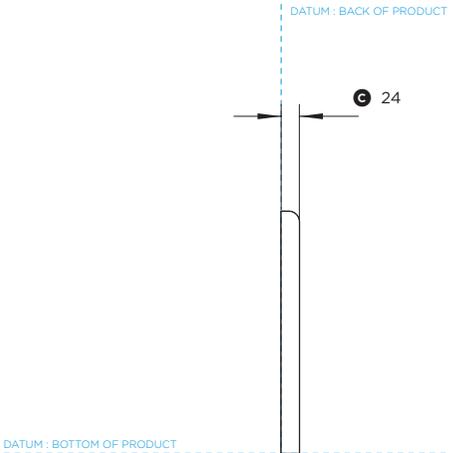
IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## PRODUCT DIMENSIONS 30" Professional Cooktop Backguard



PLAN VIEW



PROFILE VIEW



FRONT VIEW

Model no:  
**BGCV2-1236**

Product Dimensions	mm
Ⓐ Overall height of backguard	306
Ⓑ Overall width of backguard	759
Ⓒ Overall depth of backguard	24

INDICATES PRODUCT DATUM -----

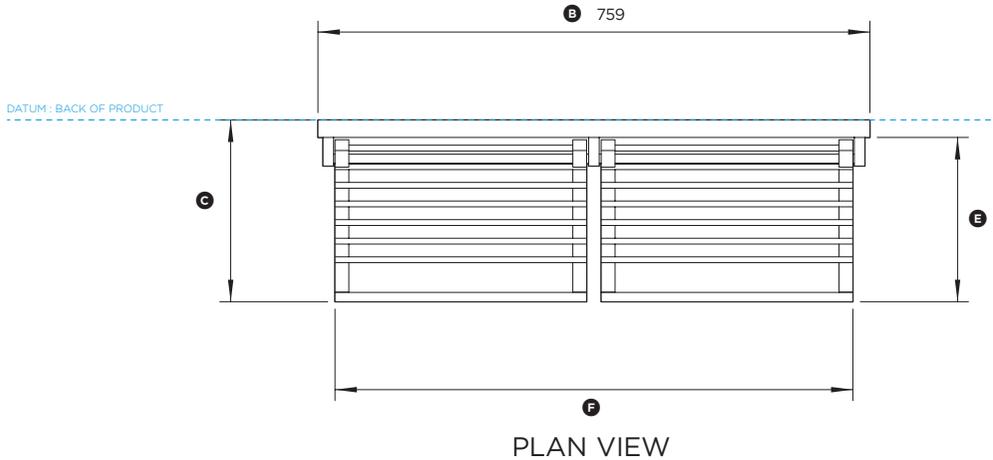
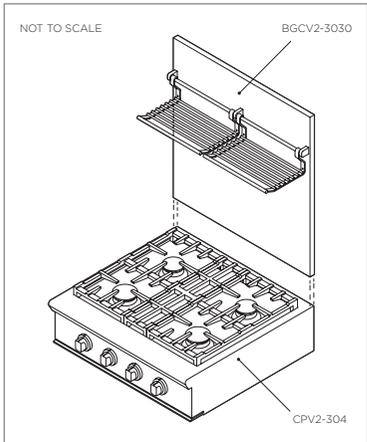


DATE: **02.05.2018**

IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

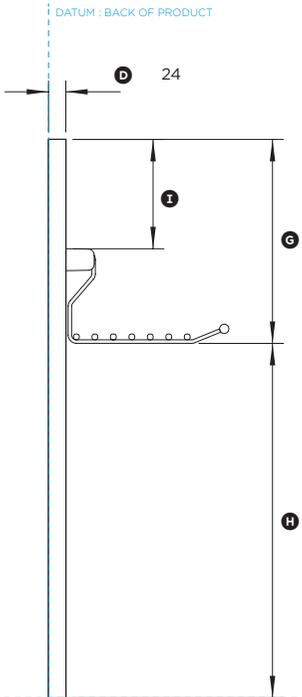
# FISHER & PAYKEL

## PRODUCT DIMENSIONS 30" Professional Cooktop Backguard

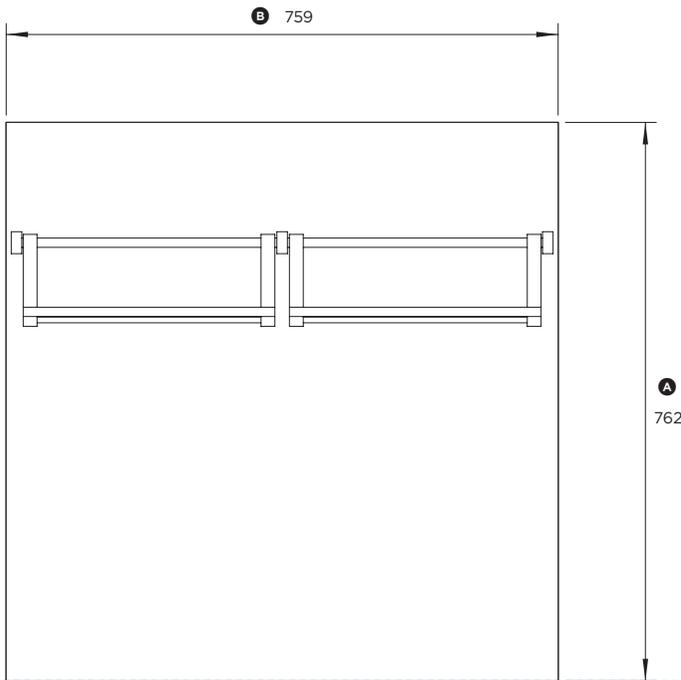


Model no:  
**BGCV2-3030**

Product Dimensions	mm
Ⓐ Overall height of backguard	762
Ⓑ Overall width of backguard	759
Ⓒ Overall depth of backguard and racks	248
Ⓓ Depth of backguard	24
Ⓔ Depth of racks	224
Ⓕ Width of racks	712
Ⓖ Distance from top of backguard to bottom of racks	278
Ⓗ Distance from bottom of backguard to bottom of racks	484
Ⓙ Distance from top of backguard to top of brackets	149



PROFILE VIEW



FRONT VIEW



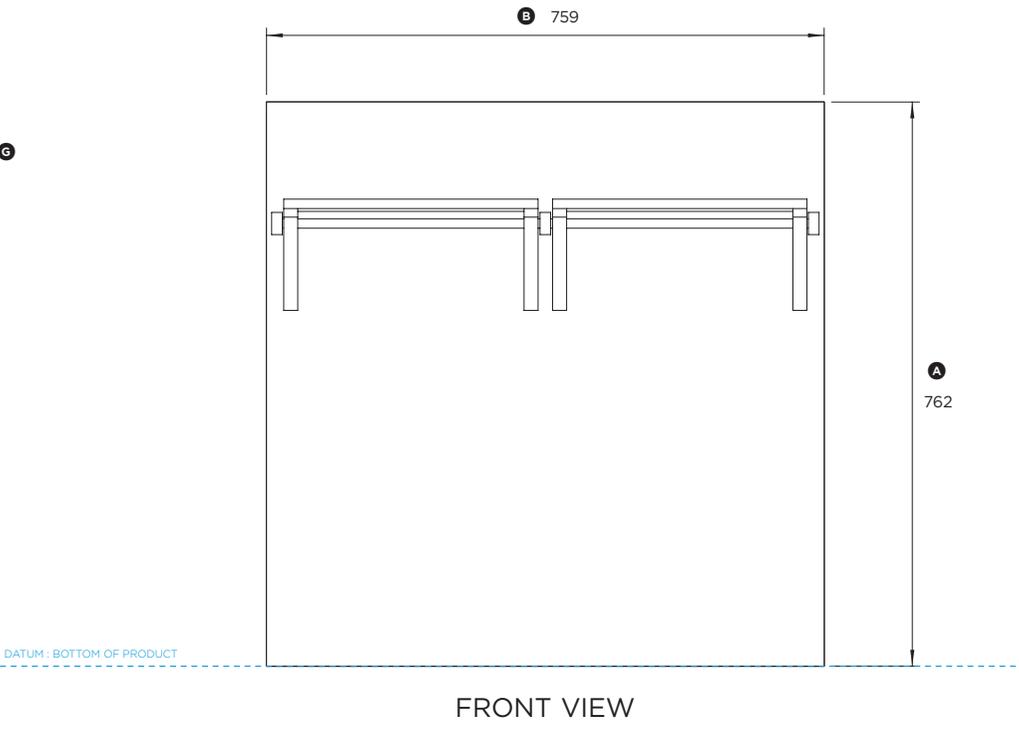
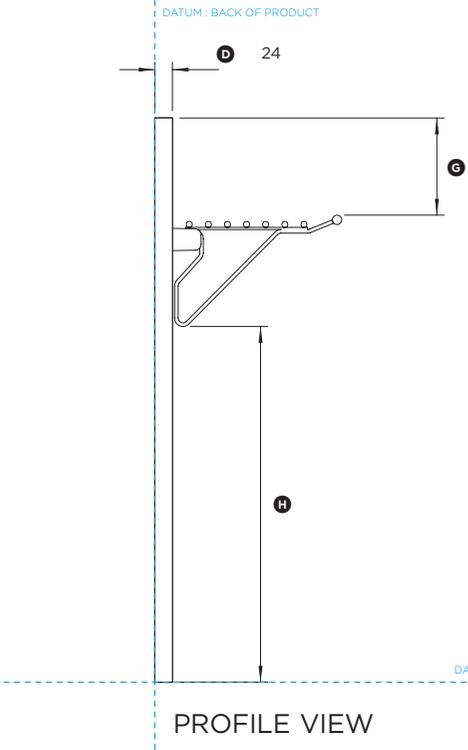
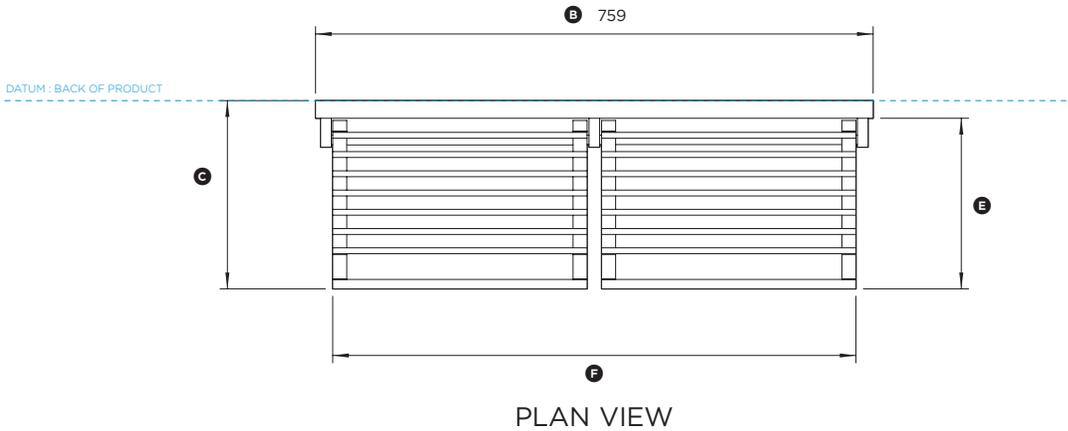
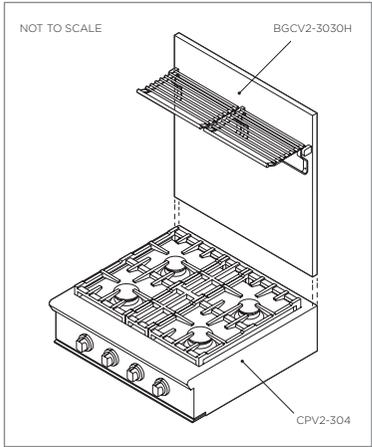
INDICATES PRODUCT DATUM -----

DATE: **02.05.2018**

IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

# FISHER & PAYKEL

## PRODUCT DIMENSIONS 30" Professional Cooktop Backguard



Model no:  
**BGCV2-3030H**

Product Dimensions	mm
Ⓐ Overall height of backguard	762
Ⓑ Overall width of backguard	759
Ⓒ Overall depth of backguard and racks	254
Ⓓ Depth of backguard	24
Ⓔ Depth of racks	230
Ⓕ Width of racks	712
Ⓖ Distance from top of backguard to top of racks	136
Ⓗ Distance from bottom of backguard to bottom of racks	480



INDICATES PRODUCT DATUM

DATE: **02.05.2018**

IMPORTANT: Throughout this guide, dimensions may vary by ±2mm (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit [fisherpaykel.com](http://fisherpaykel.com)

IMPORTANT: The product dimensions and specifications apply at the date of issue. Under our policy of continuous product improvement, these dimensions and specifications may change at any time. Dimensions may vary by  $\pm 2\text{mm}$  (1/16"). Please read the installation guide for detailed information on installing the product or visit [fisherpaykel.com](http://fisherpaykel.com).