# 30" PROFESSIONAL RANGES & BACKGUARDS

RDV3-304

BGRV2-1230, BGRV2-3030, BGRV3-3030H models

PLANNING GUIDE



### **OVERVIEW**

Complement a kitchen design with the Dual Fuel Range, 30". This range offers an intuitive, high-resolution touch display, four-burner gas rangetop, an electronic oven with generous capacity and comprehensive cooking functions to deliver perfect results.

### **PRODUCTS**

### RDV3-304-N

Dual Fuel Range, 30", 4 Burners

### RDV3-304-L

Dual Fuel Range, 30", 4 Burners, LPG

### **SERIES & STYLE**

Series 9 Professional

### **FEATURES**

- Stainless steel
- 2 High-resolution, user-friendly touch display
- 3 Metal illuminated dials
- 4 Electronic oven control
- (5) Perfect results from 15 oven functions
- 6 Guided cooking by food type and recipes
- 7 4 cu ft-capacity oven cavity
- 8 Self-cleaning oven with pyrolytic ladders
- ⑤ Sealed Dual Flow Burners™
- 10 Dishwasher-proof, cast-iron trivets

### **ACCESSORIES**

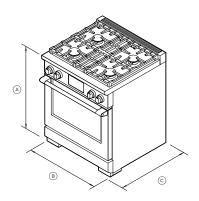
- (1) Food probe
- ② Broil pan
- 3 Broil rack
- 4 Full-extension telescopic racks

The models shown in this Planning Guide may not be available in all markets and are subject to change at any time. Product specifications may vary from those shown. This Planning Guide should not be used as installation guidance for any product. Further information is required to safely and correctly install the products featured here. Specific installation guidance will be available on our website fisherpaykel.com

### **SPECIFICATIONS**

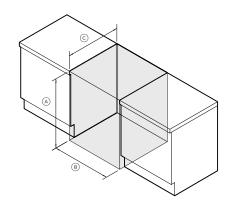
Model No.	RDV3-304-N, RDV3-304-L  H 35 3/4" - 36 3/4" (908-933mm)  W 29 7/8" (759mm)  D 29 1/8" (740mm)		
Product Dimensions			
Weight	410lb (185kg)		
Total oven capacity	4.0cu ft (113L)		
Door Clearance	19 1/8" (486mm)		
Gas			
Types	Natural Gas 6" to 9" W.C.P. LP Propane 11" to 14" W.C.		
Connection	1/2" NPT Minimum 5/8" dia. flex line		
Electrical			
Supply	120/240 V, 60 Hz		
Service	30 A		
Connection	4-prong grounding type (NEMA 14-50 plug)		

### PRODUCT DIMENSIONS



	mm	Inch
Overall height (from floor to cooktop, excl. pan supports and vent trim)		min 35 3/4 max 36 3/4
Overall width	759	29 7/8
© Depth from front of range to rear (incl. vent trim, excl. dials and handle)	740	29 1/8

### **CAVITY DIMENSIONS: STANDARD INSTALLATION**



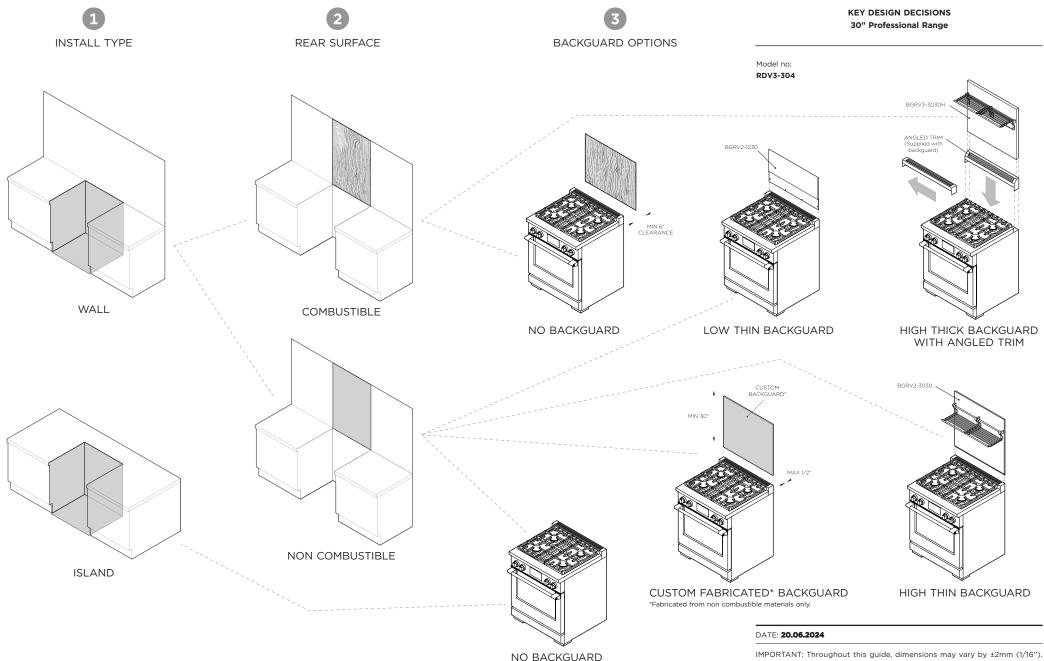
		mm	Inch
<u>A</u>	Overall height of cavity*		
	for level counter	908	35 3/4
	• with range levelling legs fully extended	933	36 3/4
B	Overall width of cavity	762	30
<u> </u>	Maximum depth of cavity		
	projecting control panel	644	25 3/8
	flush control panel	703	27 11/16

<sup>\*</sup>Depending on height of range

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Carita Dana anatian	10	19		
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30" Professional Range Backguard				
30" Professional Range Backguard BGRV <b>2</b> -1230	in	mn		
30" Professional Range Backguard BGRV2-1230  Product Dimensions  30" Professional Range Backguard	in	mn		
30" Professional Range Backguard BGRV2-1230  Product Dimensions  30" Professional Range Backguard BGRV2-3030  Product Dimensions  30" Professional Range Backguard	in 11			
BGRV2-1230  Product Dimensions  30" Professional Range Backguard BGRV2-3030  Product Dimensions	in 11			



### VENTILATION REQUIREMENTS 30" Professional Range

Model no:

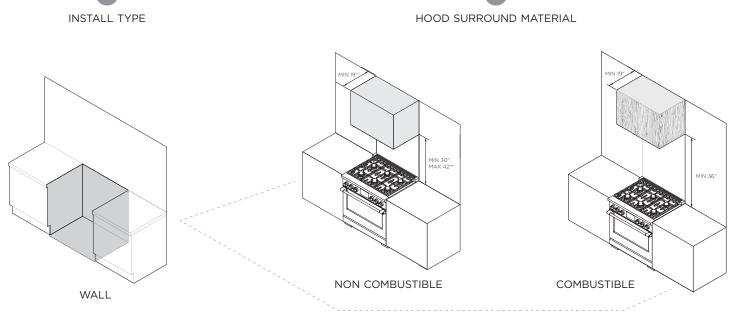
### RDV3-304

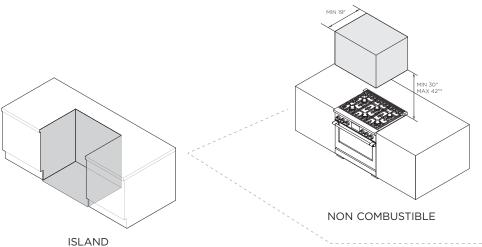
Specifications	
Ventilation Unit	Wall Installation
Hood	Minumum 19" Deep x Unit Wid
Blower	Minimum 550 CF

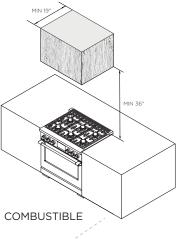
Island Installatio		
Minumum 19" Deep x Unit Widtl		
Minimum 550 CFN		

Note: A suitable hood must be installed above the range. The above indicates the minimum blower capacity recommended for hood ventilation.

\*Recommended maximum.







DATE: **20.06.2024** 

# **B** 29 7/8" 0 **G** 29 1/8" CABINET FACE FOR INSTALLATION WITH PROJECTING CONTROL PANEL CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL 0 0 **PLAN VIEW G** 29 1/8" 0 0 6 O DATUM: TOP OF COUNTERTOP **B O** • 00 00 0 0 • 0 0 35 3/4" -36 3/4" DATUM : FLOOR 0 0 V **9 B** 29 7/8" FRONT VIEW PROFILE VIEW CABINET FACE FOR INSTALLATION | | CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL | WITH PROJECTING CONTROL PANEL

5 10

20

inches

### FISHER & PAYKEL

# PRODUCT & CAVITY DIMENSIONS 30" Professional Range - Dual Fuel

Model no:

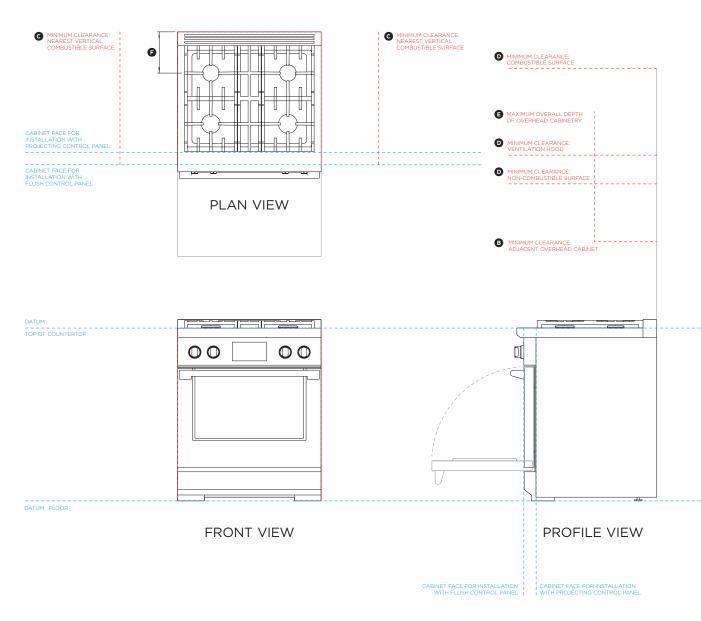
### RDV3-304

Product Dimensions	in
$\ensuremath{\underline{\bullet}}$ Height of range (from floor to cooktop, excluding grates and rear trim)	min 35 3/4" max 36 3/4"
Overall width of range	29 7/8"
© Overall depth of range (excluding handle and dials)	29 1/8"
Depth from rear of chassis to cabinetry face - projecting	25 3/8"
© Depth from rear of chassis to cabinetry face - flush	27 11/16"
E Height from countertop to top of pan supports	1 9/16"
Height of rear trim	1 3/4"
(H) Depth of rear trim	2 7/8"
① Height from countertop to bottom of control panel	7 3/4"
Height from countertop to top of door	8 1/8"
Height from countertop to centre of handle	9 7/16"
Height from countertop to bottom of door	29"
Height from countertop to top of lower panel	29 15/16"
Height from countertop to bottom of lower panel	33 5/8"
Thickness of handle (not including standoffs)	1 1/4"
Width of handle (including standoffs)	29 1/8"
Depth of handle (measured from front of door)	2 7/8"
Depth of front of cooktop to control panel	1 7/16"
Height of cooktop front face	1 3/8"
Height from top of cooktop to control panel	2"
Depth of open door to cabinetry face - flush	19 1/8"
Adjustable feet height	min 1/2" max 1 1/2"
Cavity Dimensions	mm
Overall width of cavity	min 30"
Overall depth of cavity for projecting control panel	max 25 3/8"
Overall depth of cavity for flush control panel	max 27 11/16"
Overall height of cavity	35 3/4" 36 3/4"

IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

INDICATES PRODUCT DATUM ----

DATE: 20.06.2024



# 0 5 10 20

### FISHER & PAYKEL

# CLEARANCE DIMENSIONS 30" Professional Range - Dual Fuel

Model no:

### RDV3-304

Clearance Dimensions	in	
Minimum width of ventilation hood installed above range     not shown*	30"	
Minimum vertical distance between countertop and cabinet extending above counter	18"	
Minimum clearance from left and right of range 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	54"	
the cooking surface - non-combustible surface** centered above the cooking	36"	
surface	30"	
© Maximum overall depth of overhead cabinetry	13"	
© Distance from center of rear burner to rear of product	8 5/8"	

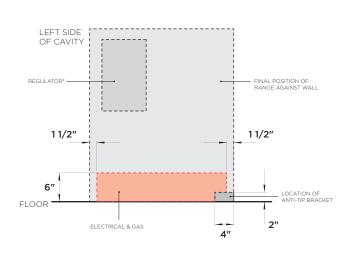
\*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

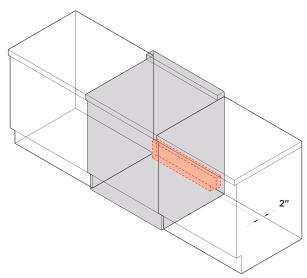
\*\*Non-combustible surfaces: as defined in 'National Fuel Gas Code' (ANSI Z223.1, Current Edition). Clearances from non-combustible materials are not part of the ANSI Z21.1 scope and are not certified by UL. Clearances of less than 6" (152mm) must be approved by the local codes and/or by the local authority having jurisdiction.

INDICATES CABINETRY CLEARANCES -----

INDICATES PRODUCT DATUM

DATE: 20.06.2024





REAR OF CAVITY

### FISHER & PAYKEL

# CAVITY PREPARATION 30" Professional Range - Dual Fuel

Model no:	
RDV3-304	
Specifications	
Oven Total Capacity	4 cu
 Electrical	
Supply	120/240 V, 60 H
Service	30
Connection	4-prong grounding type (NEMA 14-50 plu
Types	Natural Gas 6" to 9" W LP Propane 11" to 14" W
Connection	1/2" NPT Minimum 5/8" dia. flex lir

\*Regulator location may vary depending on model.

IMPORTANT NOTE: For full installation and connection details please refer to our installation manual.

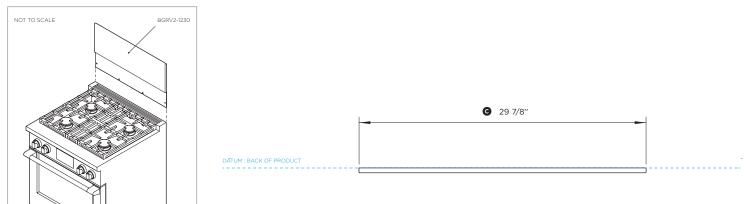
DATE: **20.06.2024** 

# PRODUCT DIMENSIONS 30" Professional Range Backguard

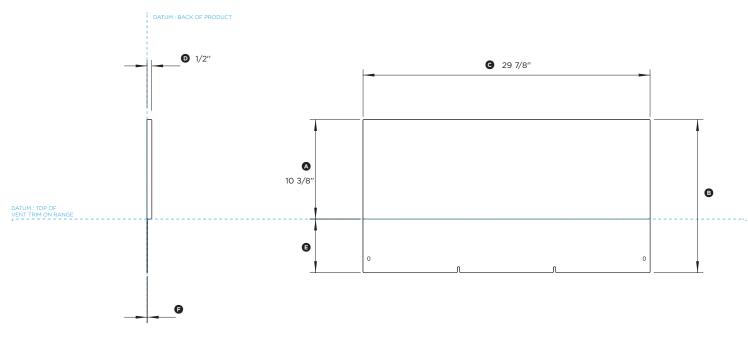
Model no:

### BGRV2-1230

Product Dimensions	in
Height of backguard above vent trim on range	10 3/8"
Overall height of backguard	15 15/16"
© Overall width of backguard	29 7/8"
Overall depth of backguard	1/2"
Height of backguard below vent trim on range	5 9/16"
© Depth of backguard below vent trim on range	1/16"



### PLAN VIEW



PROFILE VIEW FRONT VIEW

0 5 10 20 inches

RDV3-304 (illustrated)

INDICATES PRODUCT DATUM -----

DATE: 20.06.2024

### PRODUCT DIMENSIONS 30" Professional Range Backguard

Model no:

### BGRV2-3030

Product Dimensions	in
Height of backguard above vent trim on range	28 3/8"
Overall height of backguard	29 1/8"
© Overall width of backguard	29 7/8"
Overall depth of backguard and racks	9 5/16"
© Depth of backguard	1/2"
© 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	17 3/8"
Distance from top of backguard to top of brackets	5 7/8"
Height of backguard below vent trim on range	13/16"
© Depth of backguard below vent trim on range	1/16"

•

	(moduces)			PLAN VIEW		
-	DATUM: BACK OF PRODUCT			<b>©</b> 29 7/8"	-	
		<b>©</b>				T
		<b>6</b>				28 3/8"
DATUM: TOP OF VENT TRIM ON RANGE	PROFILE VIEV	<u> </u> 	<b>-</b>	FRONT VIEW		
0 5	10	20				

NOT TO SCALE

BGRV2-3030

DATUM: BACK OF PRODUCT

0

**G** 29 7/8"

G

INDICATES PRODUCT DATUM ---

DATE: 20.06.2024

# PRODUCT DIMENSIONS 30" Professional Range Backguard with Angled Vent Trim

Model no:

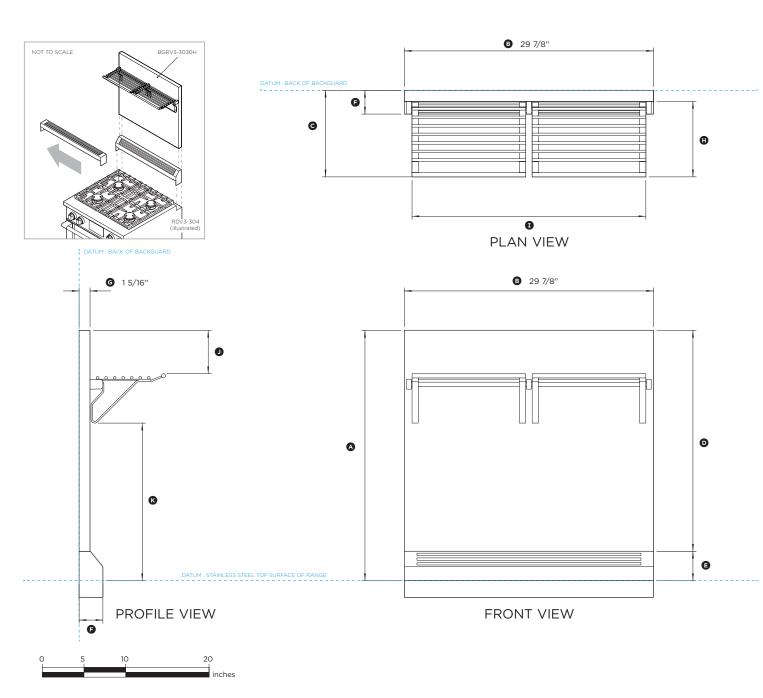
### BGRV3-3030H

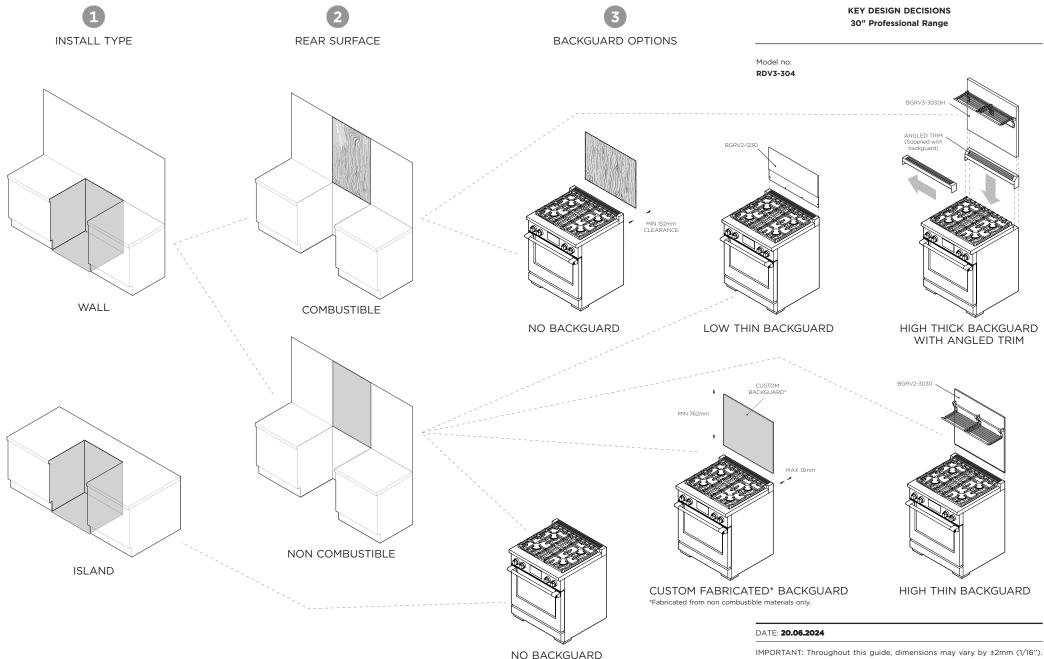
Product Dimensions	in
Overall height of backguard with angled vent trim	30"
Overall width of backguard	29 7/8"
© Overall depth of backguard and racks	10 3/8"
Height of backguard	26 1/2"
Height of angled vent trim	3 1/2"
Depth of angled vent trim	2 7/8"
Depth of backguard	1 5/16"
Depth of racks	9 1/16"
① Width of racks	28"
① Distance from top of backguard to top of racks	5 3/8"
Distance from bottom of angled vent trim to bottom of racks	18 7/8''

Note: Angled vent trim supplied with BGRV3-3030H. Remove flat vent trim and replace with angled vent trim.

INDICATES PRODUCT DATUM --

DATE: 20.06.2024





# HOOD SURROUND MATERIAL **INSTALL TYPE** NON COMBUSTIBLE COMBUSTIBLE WALL MIN 762mm MAX 1067mm\* MIN 914mm NON COMBUSTIBLE COMBUSTIBLE

**ISLAND** 

### FISHER & PAYKEL

### VENTILATION REQUIREMENTS 30" Professional Range

Model no:

RDV3-304

Specifications	
Ventilation Unit	Wall Installation
Hood	Minumum 480mm Deep x Unit Widtl
Blower	Minimum 550 CFN

Ventilation Unit	Island Installation
Hood	Minumum 480mm Deep x Unit Width
Blower	Minimum 550 CFM

Note: A suitable hood must be installed above the range. The above indicates the minimum blower capacity recommended for hood ventilation.

\*Recommended maximum.

DATE: 20.06.2024

# PRODUCT & CAVITY DIMENSIONS 30" Professional Range - Dual Fuel

Model no:

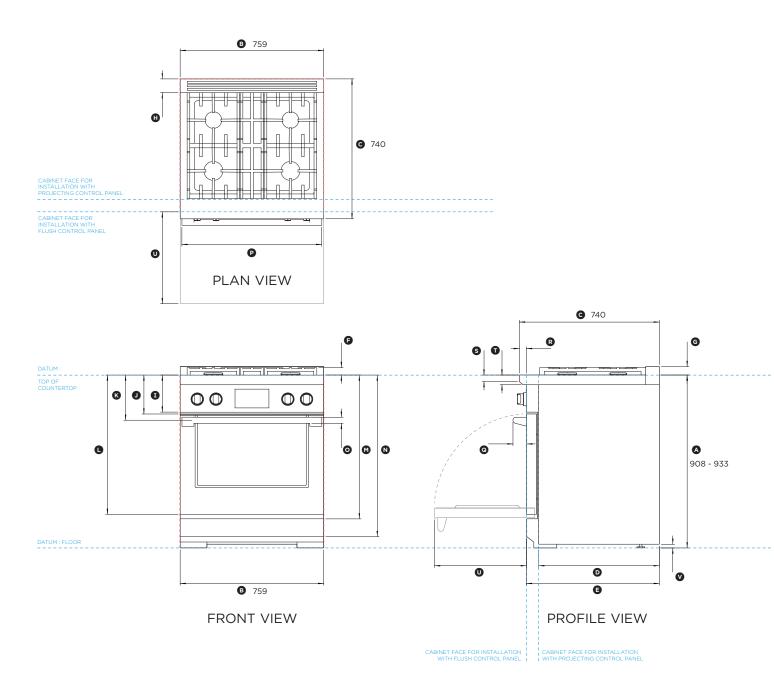
### RDV3-304

Product Dimensions	mm
Height of range (from floor to cooktop, excluding grates and rear trim)	min 908 max 933
® Overall width of range	759
© Overall depth of range (excluding handle and dials)	740
Depth from rear of chassis to cabinetry face - projecting	644
© Depth from rear of chassis to cabinetry face - flush	703
Height from countertop to top of pan supports	40
<ul> <li>Height of rear trim</li> </ul>	45
B Depth of rear trim	73
① Height from countertop to bottom of control panel	196
Height from countertop to top of door	206
Height from countertop to centre of handle	239
U Height from countertop to bottom of door	737
Height from countertop to top of lower panel	761
N Height from countertop to bottom of lower panel	855
Thickness of handle (not including standoffs)	32
Width of handle (including standoffs)	740
Depth of handle (measured from front of door)	73
B Depth of front of cooktop to control panel	37
Height of cooktop front face	35
Height from top of cooktop to control panel	51
Depth of open door to cabinetry face - flush	486
Adjustable feet height	min 13 max 38
Cavity Dimensions	mm
Overall width of cavity	min 762
Overall depth of cavity for projecting control panel	max 644
Overall depth of cavity for flush control panel	max 703
Overall height of cavity	908 933

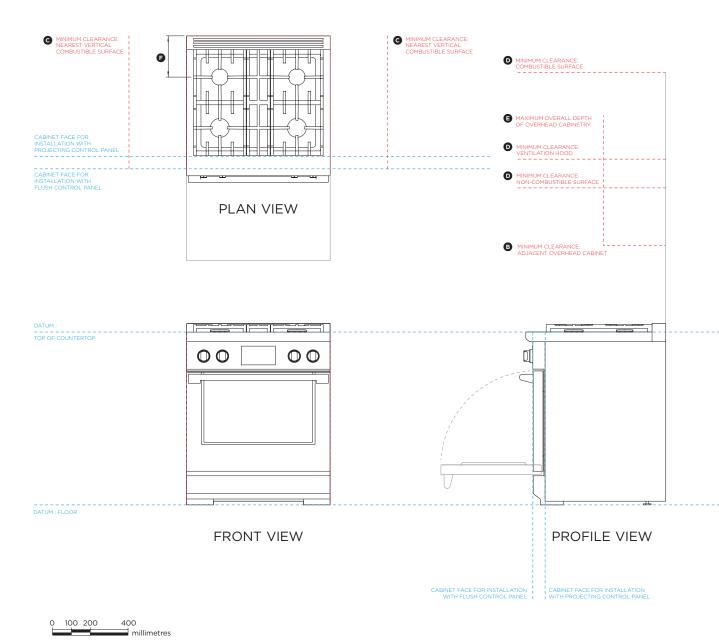
IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

INDICATES PRODUCT DATUM --

DATE: 20.06.2024







# CLEARANCE DIMENSIONS 30" Professional Range - Dual Fuel

Model no:

### RDV3-304

mm
762
457
305
1372
914
762
330
218

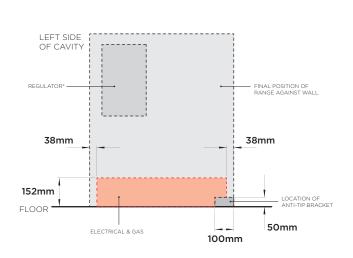
\*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

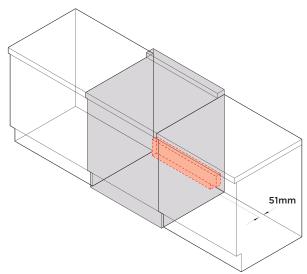
\*\*Non-combustible surfaces: as defined in 'National Fuel Gas Code' (ANSI Z223.1, Current Edition). Clearances from non-combustible materials are not part of the ANSI Z21.1 scope and are not certified by UL. Clearances of less than 6" (152mm) must be approved by the local codes and/or by the local authority having jurisdiction.

INDICATES CABINETRY CLEARANCES -----

INDICATES PRODUCT DATUM

DATE: 20.06.2024





REAR OF CAVITY

### FISHER & PAYKEL

# CAVITY PREPARATION 30" Professional Range - Dual Fuel

Model no:	
RDV3-304	
Specifications	
Oven Total Capacity	113L
Electrical	
Supply	120/240 V, 60 Hz
Service	30 A
Connection	4-prong grounding type (NEMA 14-50P plug)
Gas	-
Types	Natural Gas 6" to 9" W.C LP Propane 11" to 14" W.C
Connection	1/2" NPT Minimum 5/8" dia. flex line

 $\label{thm:model} \mbox{IMPORTANT NOTE: For full installation and connection details please refer to our installation manual.}$ 

DATE: **20.06.2024** 

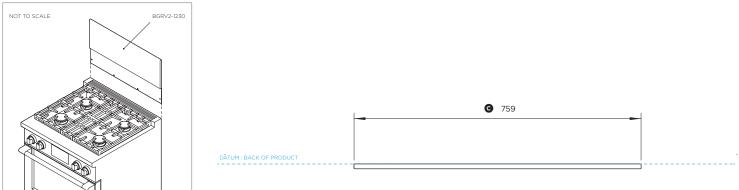
<sup>\*</sup>Regulator location may vary depending on model.

### PRODUCT DIMENSIONS 30" Professional Range Backguard

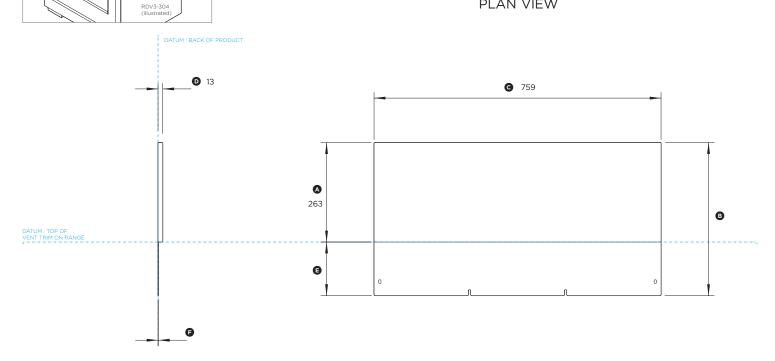
Model no:

### BGRV2-1230

mm
263
405
759
13
142



### PLAN VIEW



**PROFILE VIEW** FRONT VIEW

400

INDICATES PRODUCT DATUM -----

DATE: 20.06.2024

### PRODUCT DIMENSIONS 30" Professional Range Backguard

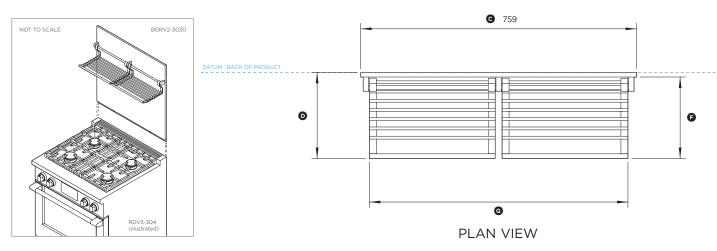
Model no:

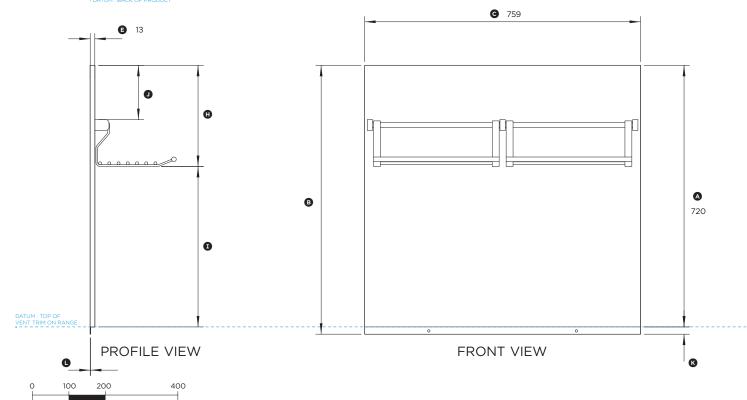
### BGRV2-3030

Product Dimensions	mm
Height of backguard above vent trim on range	720
Overall height of backguard	740
© Overall width of backguard	759
Overall depth of backguard and racks	237
© Depth of backguard	13
© Depth of racks	224
Width of racks	711
Distance from top of backguard to bottom of racks	278
① Distance from bottom of backguard to bottom of racks	442
Distance from top of backguard to top of brackets	149
Height of backguard below vent trim on range	20
© Depth of backguard below vent trim on range	1

### INDICATES PRODUCT DATUM --

### DATE: 20.06.2024





# PRODUCT DIMENSIONS 30" Professional Range Backguard with Angled Vent Trim

Model no:

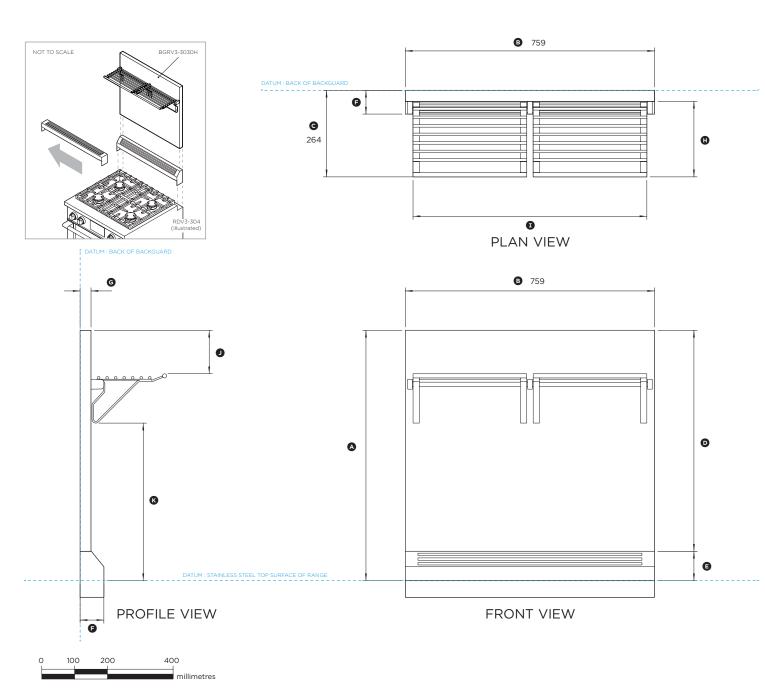
### BGRV3-3030H

Product Dimensions	
Overall height of backguard with angled vent trim	763
Overall width of backguard	759
© Overall depth of backguard and racks	264
Height of backguard	673
Height of angled vent trim	90
Depth of angled vent trim	72
Depth of backguard	33
Depth of racks	230
① Width of racks	712
Distance from top of backguard to top of racks	136
® Distance from bottom of angled vent trim to bottom of racks	480

Note: Angled vent trim supplied with BGRV3-3030H. Remove flat vent trim and replace with angled vent trim.

INDICATES PRODUCT DATUM --

DATE: 20.06.2024



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 ±2mm (1/16"). Please read the installation guide for detailed information on installing the product or visit fisherpaykel.com.