# 36" PROFESSIONAL RANGES & BACKGUARDS

RDV3-366, RIV3-365

BGRV3-1236, BGRV3-3036, BGRV3-3036H models

PLANNING GUIDE

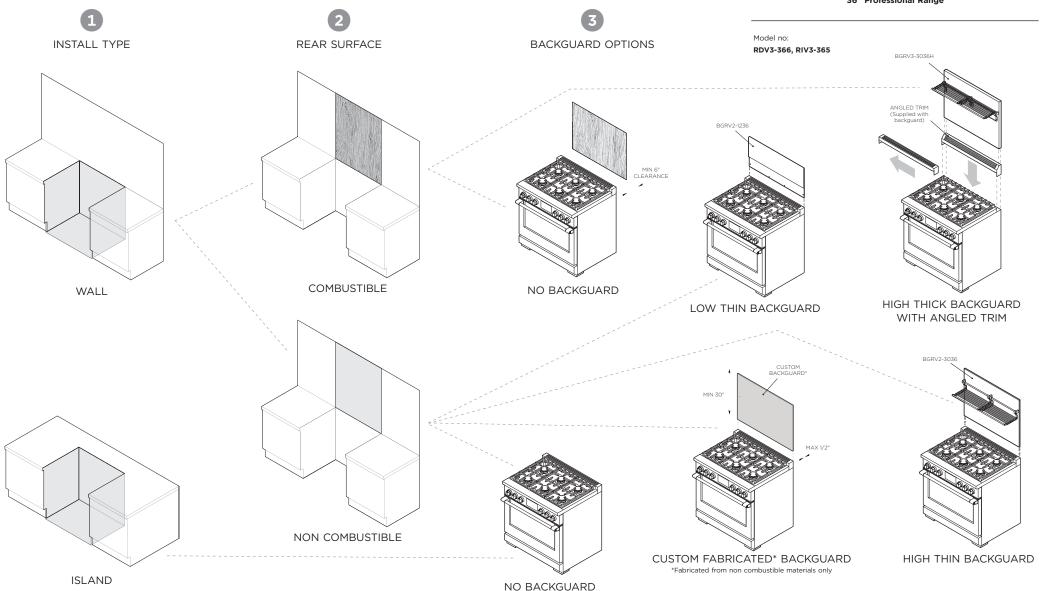
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KEY DESIGN DECISIONS 36" Professional Range



DATE: 17.07.2020

# VENTILATION REQUIREMENTS 36" Professional Range

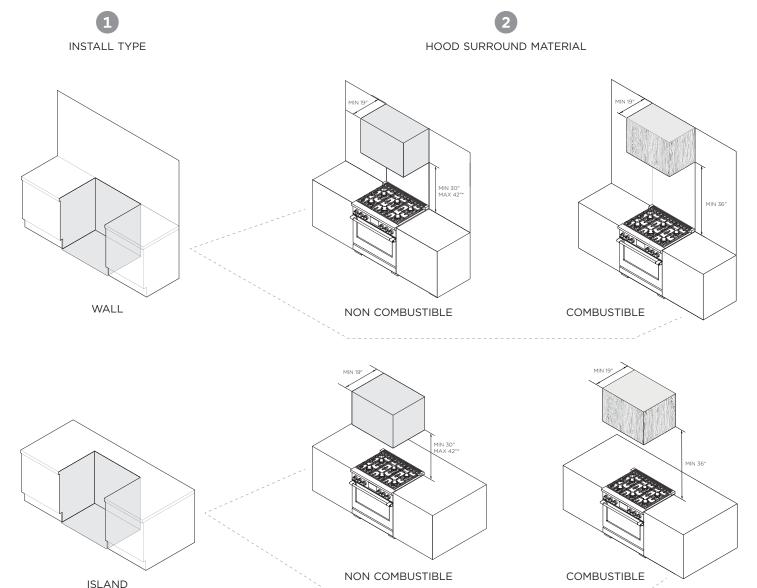
Model no:

#### RDV3-366, RIV3-365

Specifications	
Ventilation Unit	Wall Installation
Hood	Minimum 19" Deep x Unit Width
Blower	Minimum 550 CFM
Ventilation Unit	Island Installation
Hood	Minimum 19" 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: 17.07.2020

# **B** 35 7/8" **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 B 0 6 **6 9 8** $\bigcirc$ 000 0 0 0 0 0 35 3/4" -36 3/4" DATUM: FLOOR 0 0 0 **B** 35 7/8" FRONT VIEW PROFILE VIEW CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL CABINET FACE FOR INSTALLATION WITH PROJECTING CONTROL PANEL

### FISHER & PAYKEL

# PRODUCT & CAVITY DIMENSIONS 36" Professional Range - Dual Fuel

Model no:

#### RDV3-366

Product Dimensions	in
$ar{\otimes}$ Height of range (from floor to cooktop, excluding grates and rear trim)	min 35 3/4" max 36 3/4"
Overall width of range	35 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"
E Depth from rear of chassis to cabinetry face - flush	27 11/16"
F Height from countertop to top of pan supports	1 9/16"
Height of rear trim	1 3/4"
Depth of rear trim	2 7/8"
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"
U Height from countertop to bottom of door	29"
M 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)	35 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"
T Height from top of cooktop to control panel	2"
U 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 36"
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 CAVITY CLEARANCES ------INDICATES PRODUCT DATUM ------

DATE: **17.07.2020** 

# MINIMUM CLEARANCE: NEAREST VERTICAL COMBUSTIBLE SURFACE MINIMUM CLEARANCE: NEAREST VERTICAL COMBUSTIBLE SURFACE 0 MINIMUM CLEARANCE: COMBUSTIBLE SURFACE MAXIMUM OVERALL DEPTH OF OVERHEAD CABINETRY INSTALLATION WITH PROJECTING CONTROL PANEL MINIMUM CLEARANCE: VENTILATION HOOD CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL MINIMUM CLEARANCE: NON-COMBUSTIBLE SURFACE PLAN VIEW B MINIMUM CLEARANCE: ADJACENT OVERHEAD CABINET TOP OF COLINTERTOR $\bigcirc$ $\bigcirc$ FRONT VIEW **PROFILE VIEW** CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL CABINET FACE FOR INSTALLATION WITH PROJECTING CONTROL PANEL

5 10

20

inches

### FISHER & PAYKEL

# CLEARANCE DIMENSIONS 36" Professional Range - Dual Fuel

Model no:

#### RDV3-366

Clearance Dimensions	in
Minimum width of ventilation hood installed above range     not shown*	36"
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"

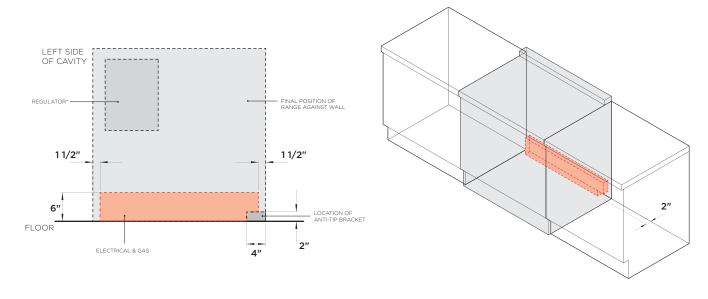
\*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

\*'Non-combustible surfaces: as defined in 'National Fuel Gas Code' (ANSI 2223.1, 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 CLEARANCES ------

INDICATES PRODUCT DATUM ------

DATE: 17.07.2020



REAR OF CAVITY

### FISHER & PAYKEL

# CAVITY PREPARATION 36" Professional Range - Dual Fuel

Model no:	
RDV3-366	
Specifications	
Oven Total Capacity	4.8 cu.ft
Electrical	-
Supply	120/240 VAC, 60Hz
Service	30 amp circuit
Max Current Draw	29 A
Receptacle	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

\*Regulator location may vary depending on model.

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

DATE: 17.07.2020

# **B** 35 7/8" G **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 B G DATUM: TOP OF COUNTERTOP 0 0 0 000 $\bigcirc$ 0 0 0 (3) 35 3/4" -36 3/4" 0 0 **B** 35 7/8" FRONT VIEW **PROFILE VIEW** CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL CABINET FACE FOR INSTALLATION WITH PROJECTING CONTROL PANEL

5 10

20

inches

### FISHER & PAYKEL

# PRODUCT & CAVITY DIMENSIONS 36" Professional Range - Induction

Model no:

#### RIV3-365

Product Dimensions	in
$\ensuremath{{\ensuremath{\widehat{\otimes}}}}$ Height of range (from floor to cooktop, excluding grates and rear trim)	min 35 3/4" max 36 3/4"
Overall width of range	35 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 of rear trim	1 3/4"
© Depth of rear trim	2 7/8"
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"
N Thickness of handle (not including standoffs)	1 1/4"
Width of handle (including standoffs)	35 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"
① 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 36"
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 CAVITY CLEARANCES ------INDICATES PRODUCT DATUM ------

DATE: 17.07.2020

# MINIMUM CLEARANCE: NEAREST VERTICAL COMBUSTIBLE SURFACE MINIMUM CLEARANCE: NEAREST VERTICAL COMBUSTIBLE SURFACE MINIMUM CLEARANCE: COMBUSTIBLE SURFACE MAXIMUM OVERALL DEPTH OF OVERHEAD CABINETRY INSTALLATION WITH PROJECTING CONTROL PANEL MINIMUM CLEARANCE: VENTILATION HOOD CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL MINIMUM CLEARANCE: NON-COMBUSTIBLE SURFACE PLAN VIEW B MINIMUM CLEARANCE: ADJACENT OVERHEAD CABINET DATUM: TOP OF COUNTERTOP $\bigcirc$ $\bigcirc$ FRONT VIEW **PROFILE VIEW** CABINET FACE FOR INSTALLATION WITH FLUSH CONTROL PANEL CABINET FACE FOR INSTALLATION WITH PROJECTING CONTROL PANEL

5 10

20

inches

### FISHER & PAYKEL

# CLEARANCE DIMENSIONS 36" Professional Range - Induction

Model no:

#### RIV3-365

Clearance Dimensions	i
Minimum width of ventilation hood installed above range - not shown*	36
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	36
<ul> <li>non-combustible surface** centered above the cooking surface</li> </ul>	30
Maximum overall depth of overhead cabinetry	13

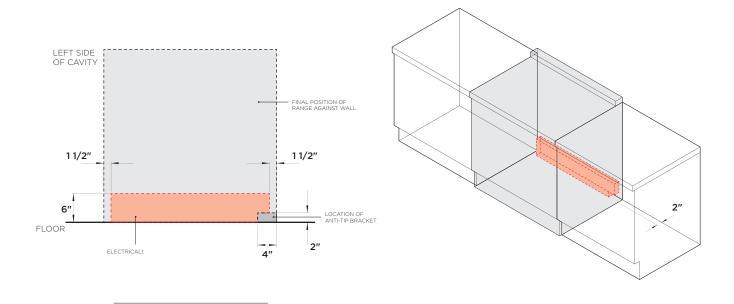
\*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

\*\*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 CLEARANCES -----

INDICATES PRODUCT DATUM ------

DATE: 17.07.2020



REAR OF CAVITY

# FISHER & PAYKEL

# CAVITY PREPARATION 36" Professional Range - Induction

Model no:	
RIV3-365	
Specifications Specifications	
Oven Total Capacity	4.8 cu.ft
Electrical	
Supply	120/240 VAC, 60Hz
Service	50 amp circuit
Max Current Draw	72 A
Receptacle	4-prong grounding type [NEMA 14-50P plug]

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

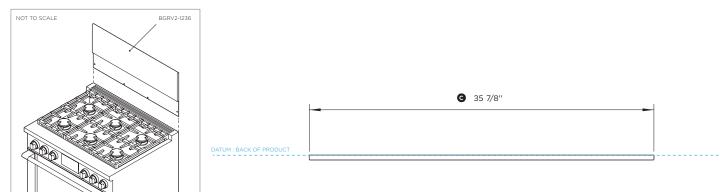
DATE: 17.07.2020

# PRODUCT DIMENSIONS 36" Professional Range Backguard

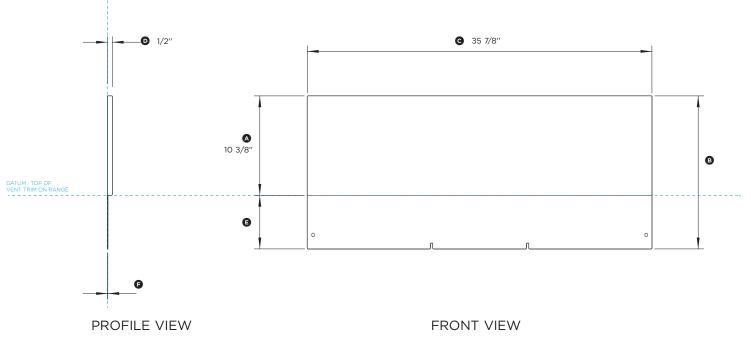
Model no:

#### BGRV2-1236

in
10 3/8"
15 15/16"
35 7/8"
1/2"
5 9/16"
1/16"



### PLAN VIEW



# 0 5 10 20 inches

INDICATES PRODUCT DATUM ---

DATE: 17.07.2020

# PRODUCT DIMENSIONS 36" Professional Range Backguard

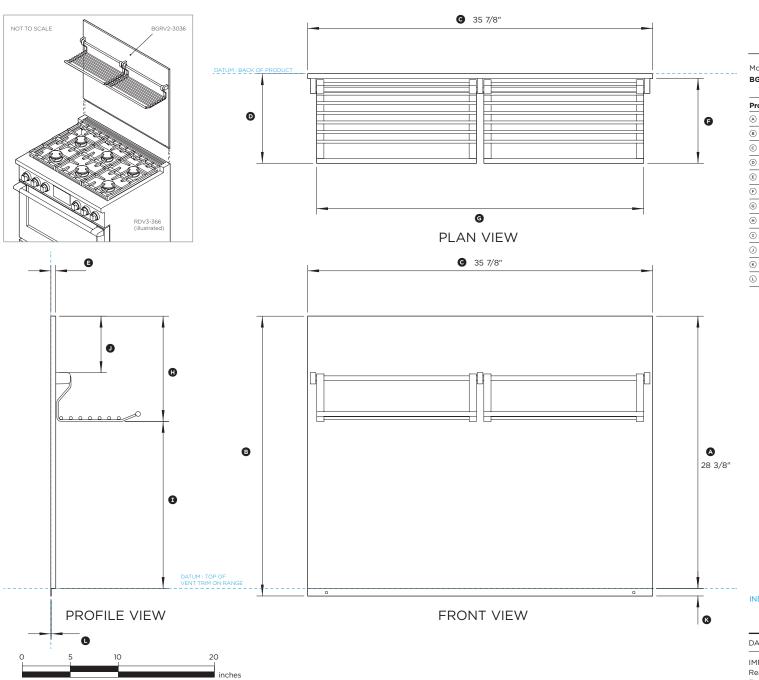
Model no:

#### BGRV2-3036

Product Dimensions	i
Height of backguard above vent trim on range	28 3/8
Overall height of backguard	29 1/8
© Overall width of backguard	35 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	34
Distance from top of backguard to bottom of racks	10 15/16
① Distance from bottom of backguard to bottom of racks	17 3/8
① 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

#### INDICATES PRODUCT DATUM -----

#### DATE: 17.07.2020



# PRODUCT DIMENSIONS 36" Professional Range Backguard with Angled Vent Trim

Model no:

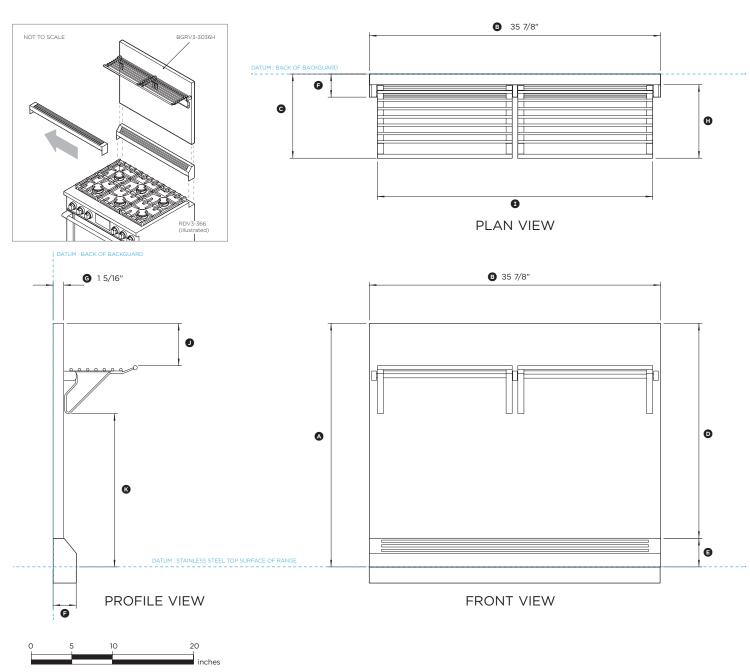
#### BGRV3-3036H

Product Dimensions	in
Overall height of backguard with angled vent trim	30"
Overall width of backguard	35 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	33 15/16"
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"

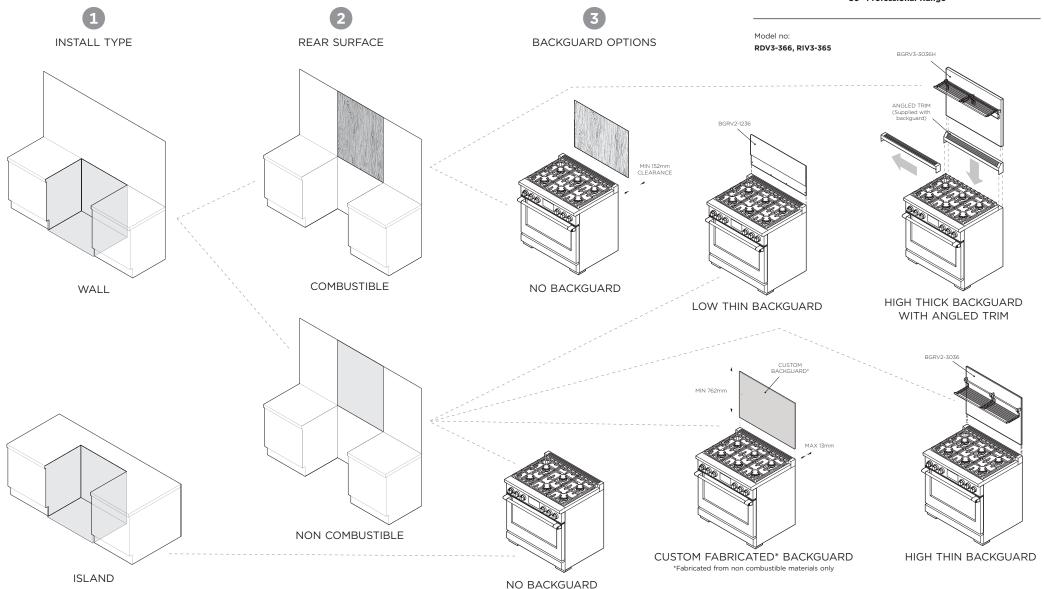
Note: Angled vent trim supplied with BGRV3-3036H. Remove flat vent trim and replace with angled vent trim.

INDICATES PRODUCT DATUM -----

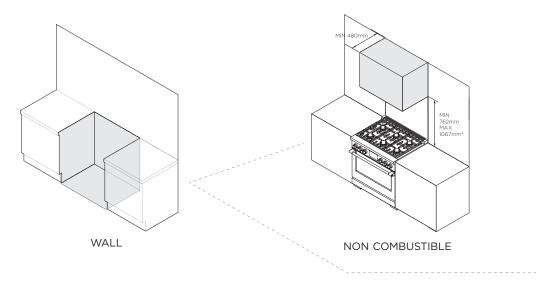
DATE: 17.07.2020



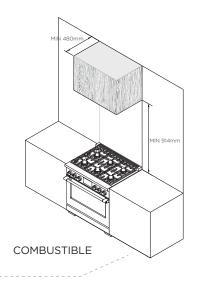
KEY DESIGN DECISIONS 36" Professional Range



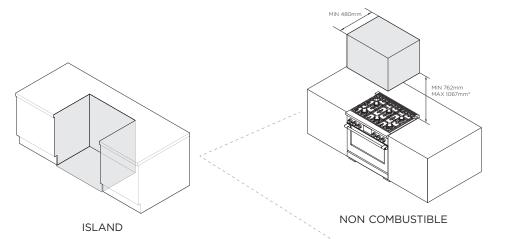
DATE: 17.07.2020

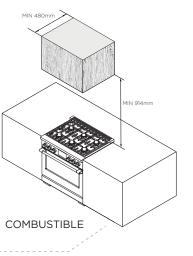


**INSTALL TYPE** 



HOOD SURROUND MATERIAL





### FISHER & PAYKEL

# VENTILATION REQUIREMENTS 36" Professional Range

Model no:

RDV3-366, RIV3-365

Specifications	
Ventilation Unit	Wall Installation
Hood	Minimum 480mm Deep x Unit Width
Blower	Minimum 550 CFM
Ventilation Unit	Island Installation
Hood	Minimum 480mm Deep x Unit Width
Blower	Minimum 550 CEN

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

\*Recommended maximum.

DATE: 17.07.2020

# PRODUCT & CAVITY DIMENSIONS 36" Professional Range - Dual Fuel

Model no:

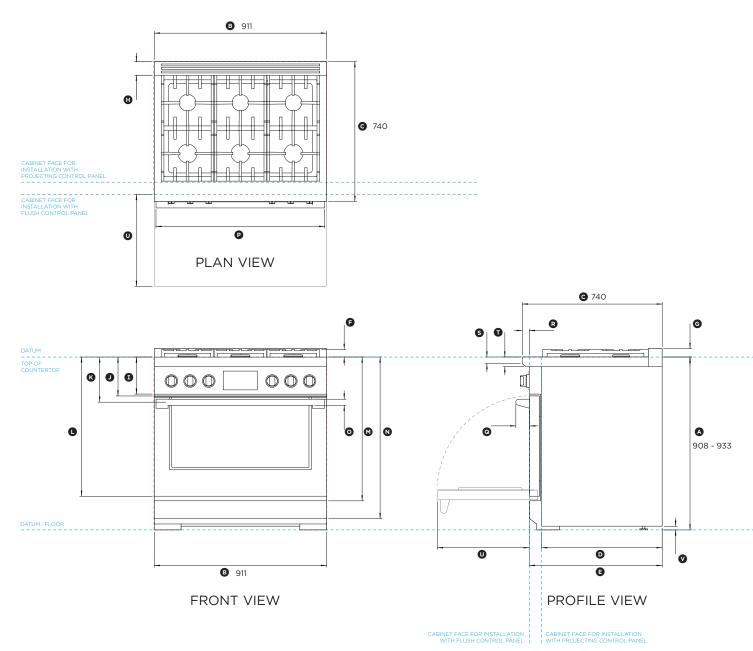
#### RDV3-366

Donalisat Discouries	
Product Dimensions	mn
Height of range (from floor to cooktop, excluding grates and rear trim)	min 908 max 933
Overall width of range	91
© 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
E Height from countertop to top of pan supports	40
Height of rear trim	45
Depth of rear trim	7:
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	73
Height from countertop to top of lower panel	76
N Height from countertop to bottom of lower panel	85
Thickness of handle (not including standoffs)	32
Width of handle (including standoffs)	892
Depth of handle (measured from front of door)	73
® Depth of front of cooktop to control panel	37
Height of cooktop front face	35
Height from top of cooktop to control panel	5
Depth of open door to cabinetry face - flush	486
Adjustable feet height	min 13 max 38
Cavity Dimensions	mm
Overall width of cavity	min 914
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

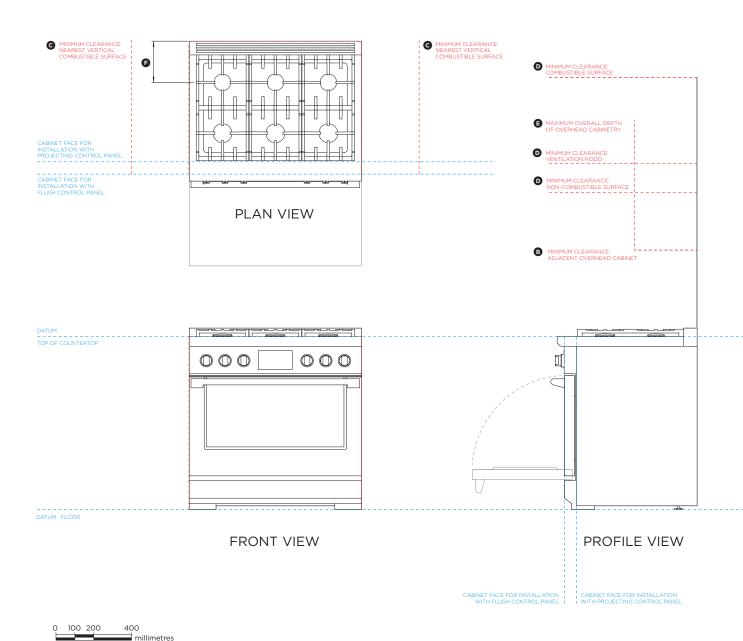
IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

INDICATES CAVITY CLEARANCES ------INDICATES PRODUCT DATUM ------

DATE: 17.07.2020







# CLEARANCE DIMENSIONS 36" Professional Range - Dual Fuel

Model no:

#### RDV3-366

Clearance Dimensions	mm
Minimum width of ventilation hood installed above range - not shown*	914
Minimum vertical distance between countertop and cabinet extending above counter	457
Minimum clearance from left and right of range to nearest vertical combustible surface	305
Minimum clearance from cooking surface to:     - combustible surface centred above the cooking surface     - combustible covering for ventilation hood centred above	1372
the cooking surface - non-combustible surface** centred above the cooking	914
surface	762
Maximum overall depth of overhead cabinetry	330
© Distance from centre of rear burner to rear of product	218

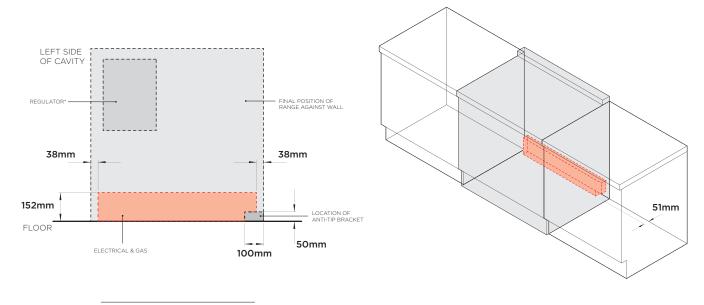
\*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

\*\*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 CLEARANCES ------

INDICATES PRODUCT DATUM ------

DATE: 17.07.2020



REAR OF CAVITY

### FISHER & PAYKEL

# CAVITY PREPARATION 36" Professional Range - Dual Fuel

1odel no:	
RDV3-366	
Specifications	
Oven Total Capacity	136
Electrical	-
Supply	120/240 VAC, 60H
Service	30 amp circui
1ax Current Draw	29 /
Receptacle	4-prong grounding type [NEMA 14-50P plug
Gas	-
ypes	Natural Gas 6" to 9" W.C LP Propane 11" to 14" W.C
Connection	1/2" NPT Minimum 5/8" dia fley lin

\*Regulator location may vary depending on model.

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

DATE: 17.07.2020

# PRODUCT & CAVITY DIMENSIONS 36" Professional Range - Induction

Model no:

#### RIV3-365

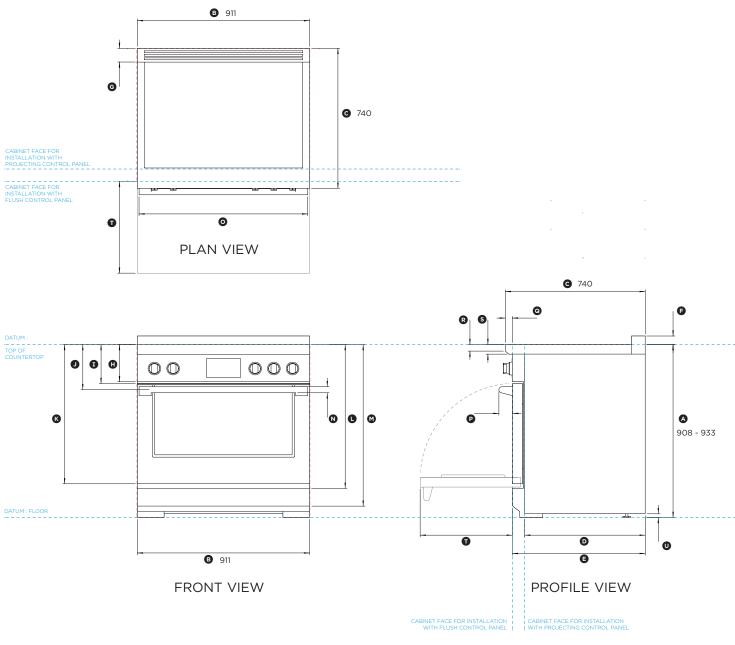
Product Dimensions	mm
Height of range (from floor to cooktop, excluding grates and rear trim)	min 908 max 933
Overall width of range	911
© Overall depth of range (excluding handle and dials)	740
Depth from rear of chassis to cabinetry face - projecting	644
Depth from rear of chassis to cabinetry face - flush	703
E Height of rear trim	45
© Depth of rear trim	73
H 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
Height from countertop to bottom of door	737
Height from countertop to top of lower panel	761
M Height from countertop to bottom of lower panel	855
N Thickness of handle (not including standoffs)	32
Width of handle (including standoffs)	892
Depth of handle (measured from front of door)	73
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 914
Overall depth of cavity for projecting control panel	
Overall depth of cavity for projecting control panel	max 644
	max 703
Overall height of cavity	908 933

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

INDICATES CAVITY CLEARANCES ------INDICATES PRODUCT DATUM ------

DATE: 17.07.2020

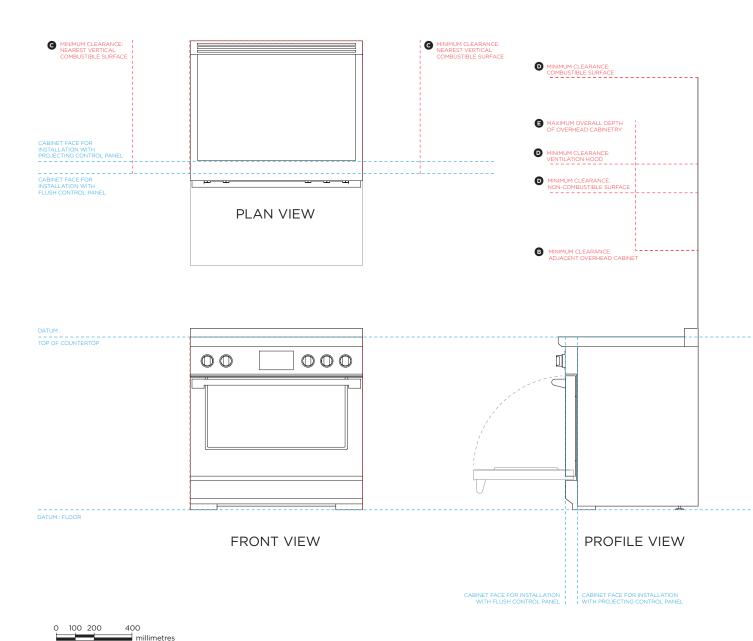
IMPORTANT: Throughout this guide, dimensions may vary by  $\pm 2mm$  (1/16"). Read the installation guide for detailed information on installing the product. For full installation instructions and specifications visit fisherpaykel.com



0 100 200

400

**millimetres** 



# CLEARANCE DIMENSIONS 36" Professional Range - Induction

Model no:

#### RIV3-365

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

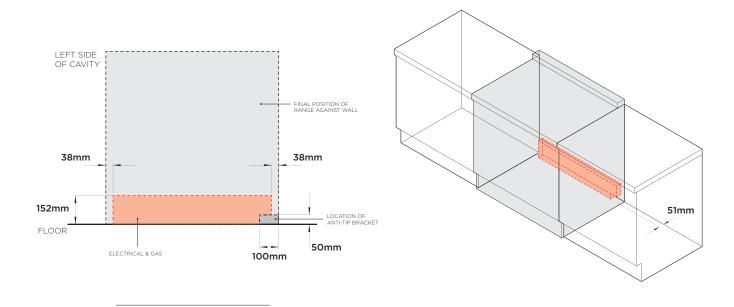
\*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

\*\*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 CLEARANCES ------

INDICATES PRODUCT DATUM ------

DATE: 17.07.2020



REAR OF CAVITY

## FISHER & PAYKEL

# CAVITY PREPARATION 36" Professional Range - Induction

Model no: RIV3-365	
Specifications	
Oven Total Capacity	136L
Electrical	-
Supply	120/240 VAC, 60Hz
Service	50 amp circuit
Max Current Draw	72 A
Receptacle	4-prong grounding type [NEMA 14-50P plug]

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

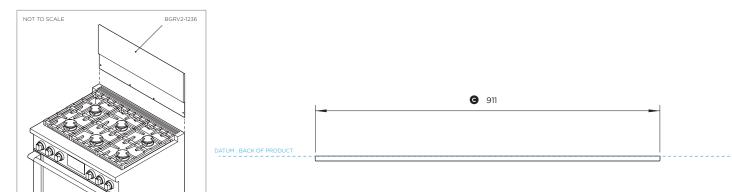
DATE: 17.07.2020

#### PRODUCT DIMENSIONS 36" Professional Range Backguard

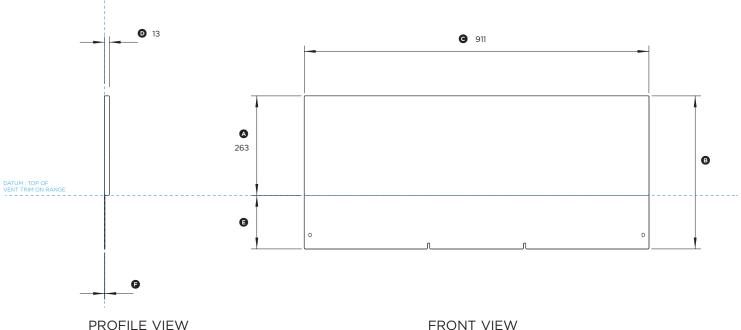
Model no:

#### BGRV2-1236

Product Dimensions	mm
Height of backguard above vent trim on range	263
Overall height of backguard	405
© Overall width of backguard	911
Overall depth of backguard	13
Height of backguard below vent trim on range	142
Depth of backguard below vent trim on range	



### PLAN VIEW



FRONT VIEW

400

INDICATES PRODUCT DATUM ---

DATE: 17.07.2020

# PRODUCT DIMENSIONS 36" Professional Range Backguard

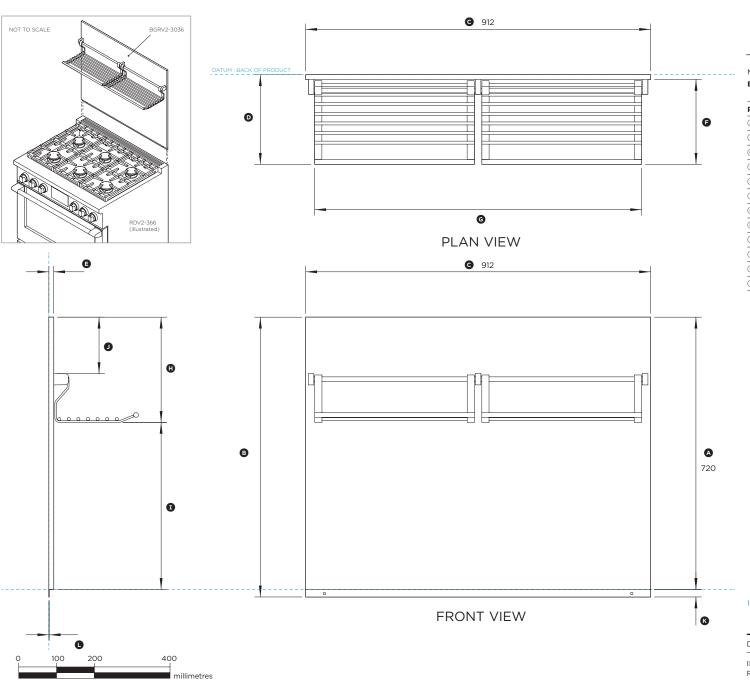
Model no:

#### BGRV2-3036

Product Dimensions	mm
Height of backguard above vent trim on range	720
Overall height of backguard	740
© Overall width of backguard	91
Overall depth of backguard and racks	237
Depth of backguard	13
Depth of racks	224
Width of racks	864
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	

INDICATES PRODUCT DATUM -----

DATE: 17.07.2020



# PRODUCT DIMENSIONS 36" Professional Range Backguard with Angled Vent Trim

Model no:

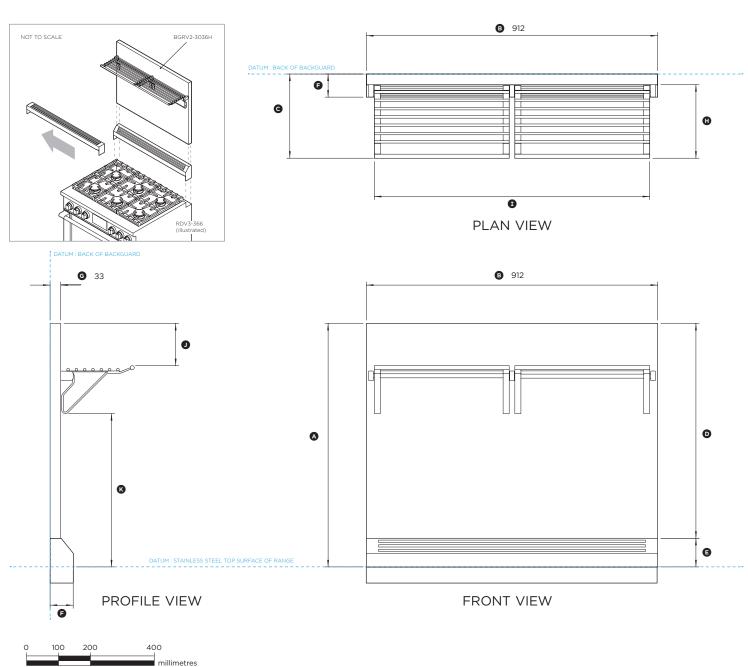
#### BGRV3-3036H

Product Dimensions	mm
Overall height of backguard with angled vent trim	763
Overall width of backguard	911
© 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	862
① 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 BGRV3-3036H. Remove flat vent trim and replace with angled vent trim.

#### INDICATES PRODUCT DATUM -----

#### DATE: 17.07.2020



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.