36" PROFESSIONAL RANGES & BACKGUARDS

RDV3-366

BGRV2-1236, BGRV2-3036, BGRV3-3036H models

PLANNING GUIDE



OVERVIEW

Elevate any kitchen design with the Dual Fuel Range, 36". This range offers an intuitive, high-resolution touch display, six-burner gas rangetop, an electronic oven with generous capacity and comprehensive cooking functions to deliver perfect results. Power and style combined beautifully.

PRODUCTS

RDV3-366-N

Dual Fuel Range, 36", 6 Burners

RDV3-366-L

Dual Fuel Range, 36", 6 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
- 3 4.8 cu ft-capacity oven
- Self-cleaning oven with pyrolytic ladders
- ⑤ Sealed Dual Flow Burners™
- 10 Dishwasher-proof, cast-iron trivets

ACCESSORIES

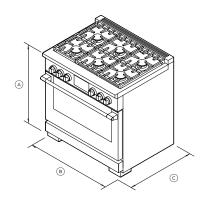
- (1) Food probe
- ② Broil pan
- (3) Broil rack
- 4 Full-extension telescopic racks

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

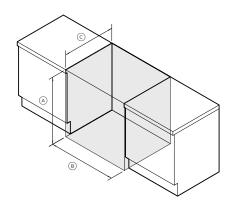
| Model No. | RDV3-366-N, RDV3-366-L |
|-----------------------|---|
| Product Dimensions | H 35 3/4"-36 3/4" (908-933mm) W 35 7/8" (911mm) D 29 1/8" (740mm) |
| Weight | 440lb (200kg) |
| Total oven capacity | 4.8cu ft (136L) |
| Door Clearance | 19 1/8" (486mm) |
| Gas | |
| Types | Natural Gas 6" 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. grates and vent trim) | | min 35 3/4 max 36 3/4 |
| Overall width | 911 | 35 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 |
|--|-----|----------|
| Overall height of cavity* | | |
| for level counter | 908 | 35 3/4 |
| with range levelling legs fully extended | 933 | 36 3/4 |
| Overall width of cavity | 914 | 36 |
| © Maximum depth of cavity | | |
| projecting control panel | 644 | 25 3/8 |
| flush control panel | 703 | 27 11/16 |
| | | |

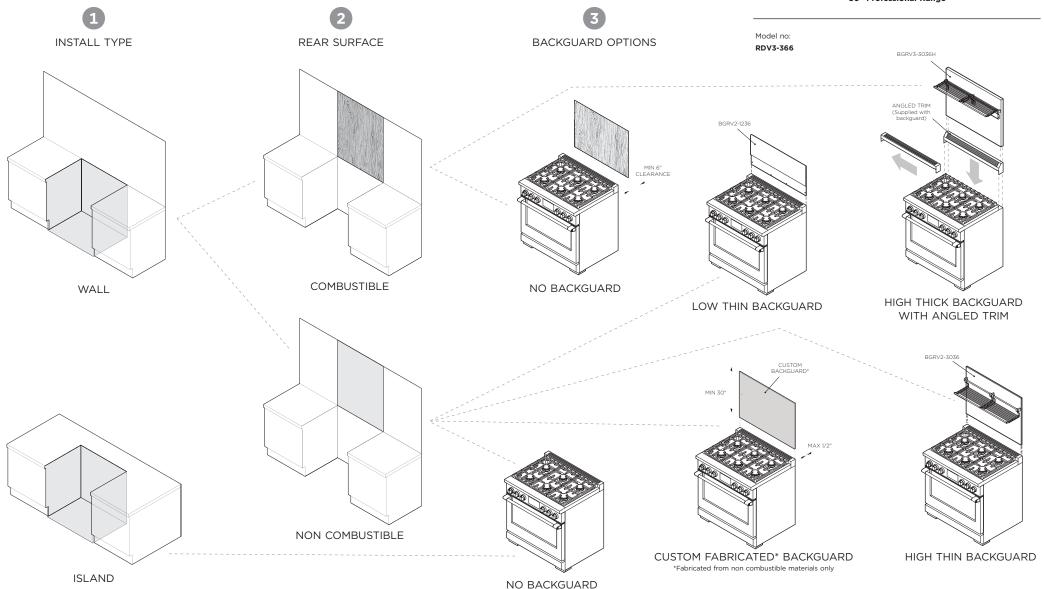
^{*}Depending on height of range

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| 36" Professional Range Backguard BGRV2-1236 | in | | |
| | in | | |
| BGRV2-1236 | | | |
| BGRV2-1236 Product Dimensions 36" Professional Range Backguard | | | |

KEY DESIGN DECISIONS 36" Professional Range



DATE: **20.06.2024**

VENTILATION REQUIREMENTS 36" Professional Range

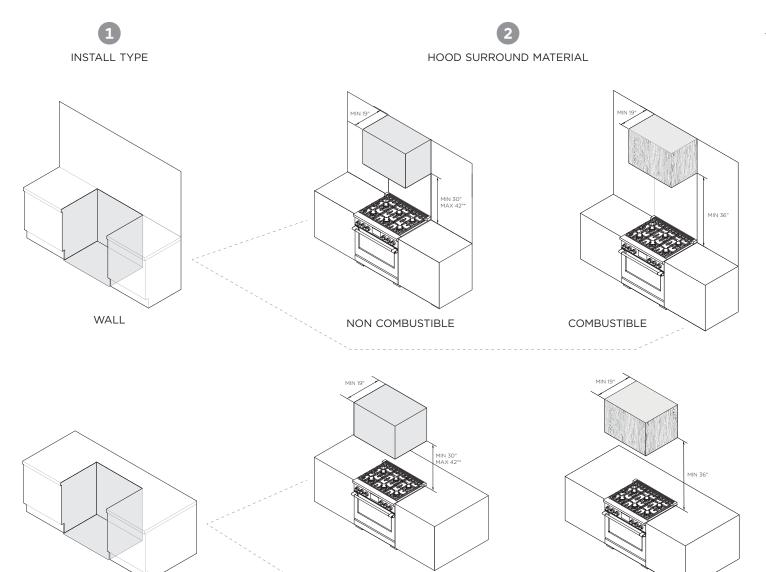
Model no:

RDV3-366

| 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.



NON COMBUSTIBLE

ISLAND

DATE: **20.06.2024**

COMBUSTIBLE

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 O **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 |
|---|----------------------------|
| $\begin{tabular}{ll} \hline Δ & Height of range (from floor to cooktop, excluding grates and rear trim) \\ \hline \end{tabular}$ | 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" |
| 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" |
| Reight from countertop to centre of handle | 9 7/16" |
| U Height from countertop to bottom of door | 29" |
| Height from countertop to top of lower panel | 29 15/16" |
| N 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" |
| 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 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: 20.06.2024

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 | ir | |
|--|--------|--|
| 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' | |
| | | |

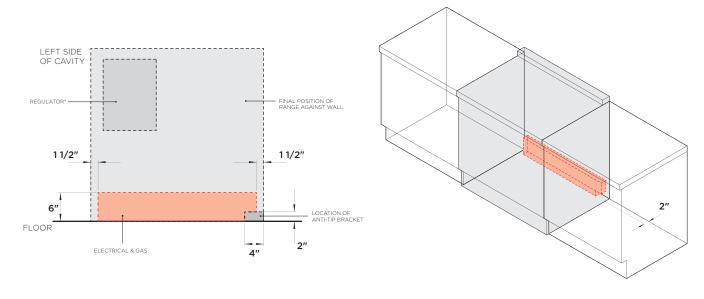
*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

*'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: 20.06.2024



REAR OF CAVITY

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CAVITY PREPARATION 36" Professional Range - Dual Fuel

| 1odel no: | |
|---------------------|---|
| RDV3-366 | |
| | |
| Specifications | |
| | |
| Oven Total Capacity | 4.8 cu.f |
| | |
| Electrical | |
| Supply | 120/240 V, 60 H |
| Service | 30 / |
| Connection | 4-prong grounding type (NEMA 14-50P plug |
| | |
| | |
| Sas | |
| ypes | Natural Gas 6" to 9" W.C LP Propane 11" to 14" W.C |
| Connection | 1/2" NPT Minimum 5/8" dia flex lin |

*Regulator location may vary depending on model.

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

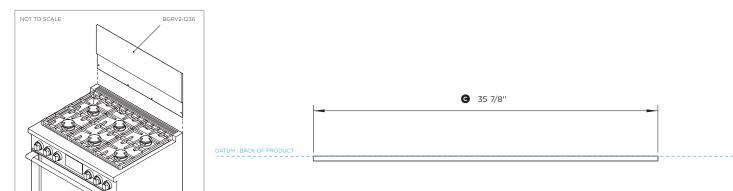
DATE: **20.06.2024**

PRODUCT DIMENSIONS 36" Professional Range Backguard

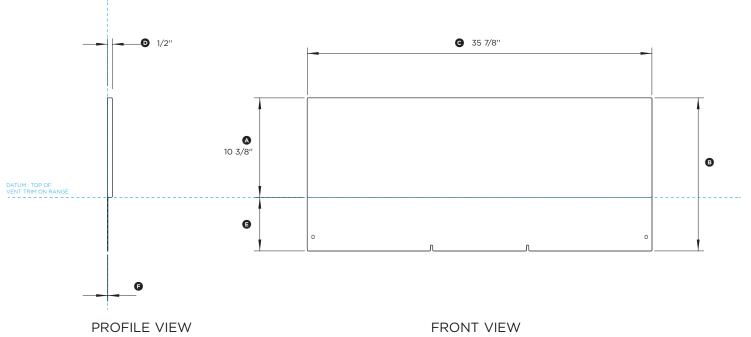
Model no:

BGRV2-1236

| 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 | 35 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



0 5 10 20 inches

INDICATES PRODUCT DATUM ---

DATE: 20.06.2024

PRODUCT DIMENSIONS 36" Professional Range Backguard

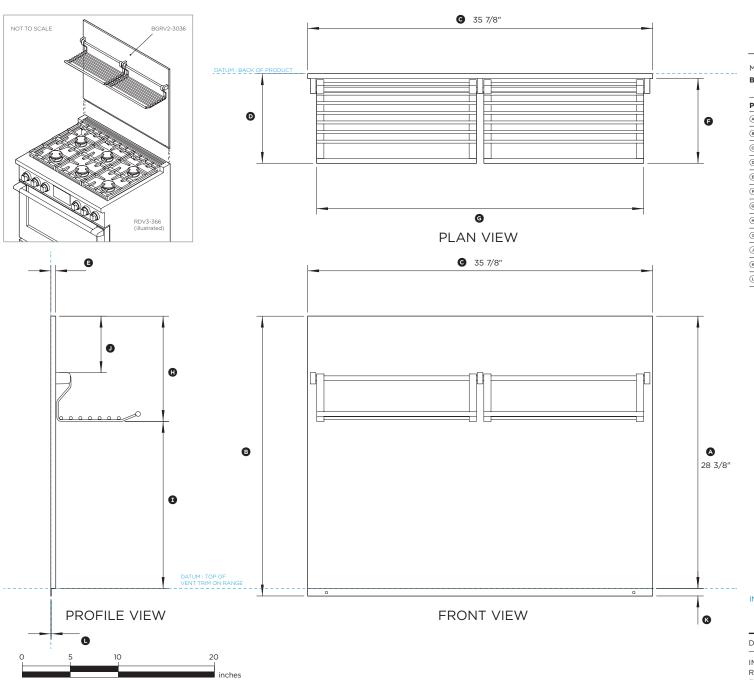
Model no:

BGRV2-3036

| 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 | 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" |
| 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: 20.06.2024



PRODUCT DIMENSIONS 36" Professional Range Backguard with Angled Vent Trim

Model no:

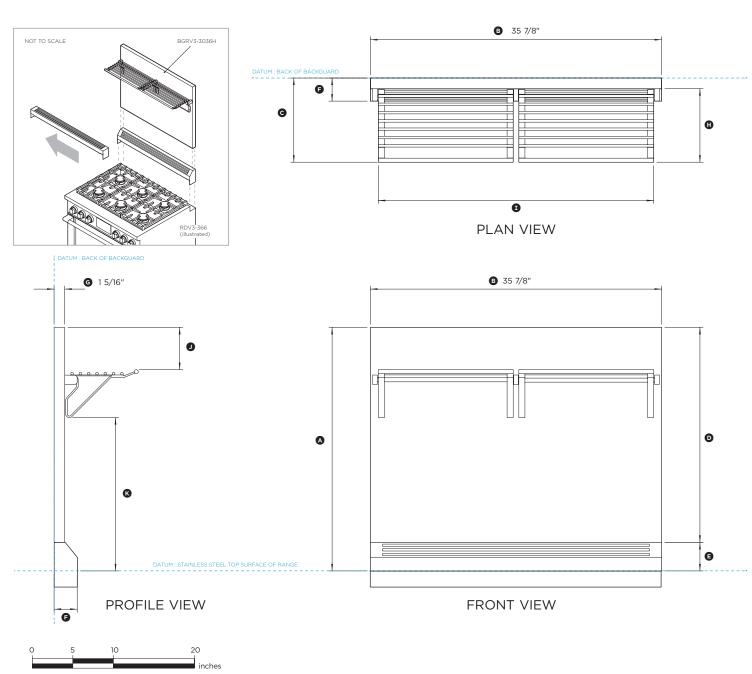
BGRV3-3036H

| 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" |
| | |

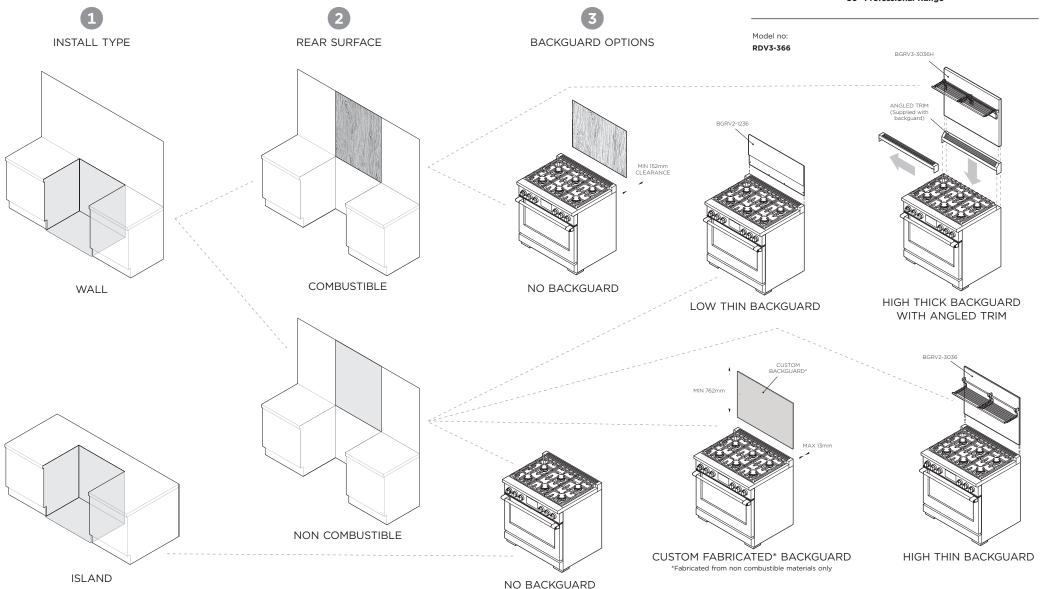
Note: Angled vent trim supplied with BGRV3-3036H. Remove flat vent trim and replace with angled vent trim.

INDICATES PRODUCT DATUM -----

DATE: 20.06.2024



KEY DESIGN DECISIONS 36" Professional Range



DATE: **20.06.2024**

VENTILATION REQUIREMENTS 36" Professional Range

Model no:

Blower

RDV3-366

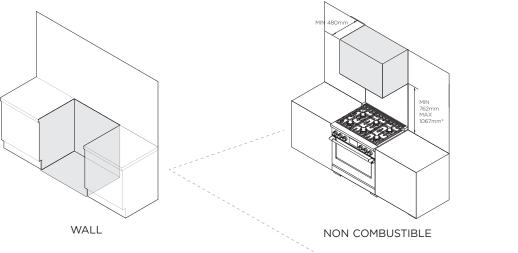
| Specifications | |
|------------------|---------------------------------|
| Ventilation Unit | Wall Installation |
| Hood | Minimum 480mm Deep x Unit Width |
| Blower | Minimum 550 CFN |
| Ventilation Unit | Island Installation |
| Hood | Minimum 480mm Deep x Unit Width |
| | |

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

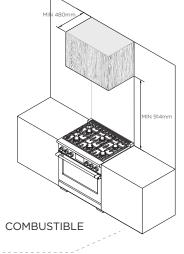
Minimum 550 CFM

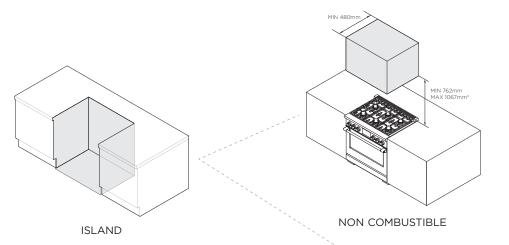
*Recommended maximum.

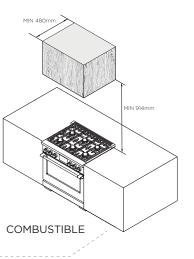
HOOD SURROUND MATERIAL



INSTALL TYPE







DATE: 20.06.2024

PRODUCT & CAVITY DIMENSIONS 36" Professional Range - Dual Fuel

Model no:

RDV3-366

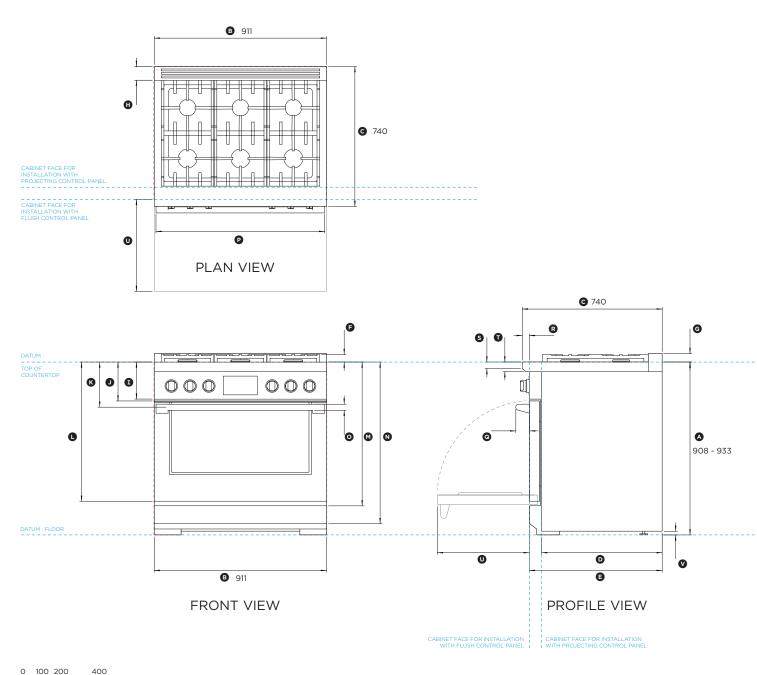
| Product Dimensions | mm |
|--|------------|
| Height of range (from floor to cooktop, excluding grates and | min 908 |
| rear trim) | max 933 |
| Overall width of range | 911 |
| © Overall depth of range (excluding handle and dials) | 740 |
| Depth from rear of chassis to cabinetry face - projecting | 644 |
| © Depth from rear of chassis to cabinetry face - flush | 703 |
| Height from countertop to top of pan supports | 40 |
| Height of rear trim | 45 |
| Depth of rear trim | 73 |
| 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) | 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 | max 644 |
| Overall depth of cavity for flush control panel | max 703 |
| Overall height of cavity | |
| Overall neight of cavity | 908 933 |

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

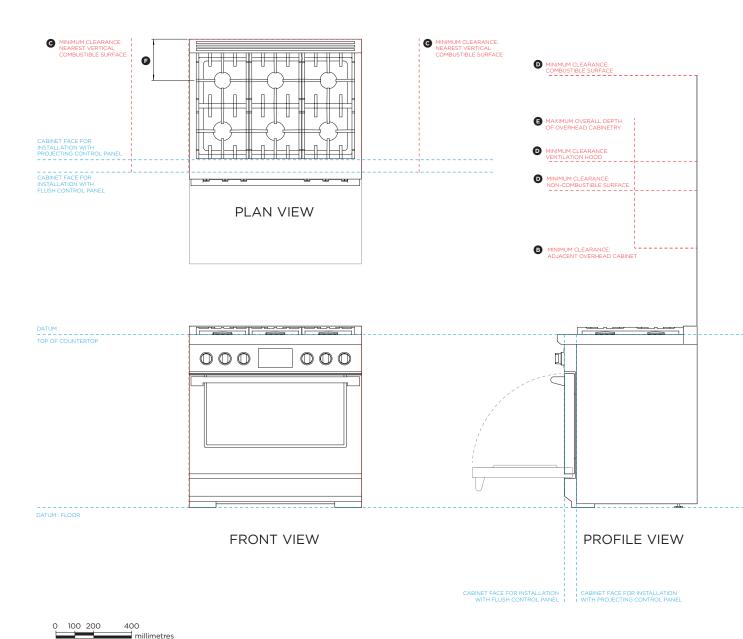
INDICATES CAVITY CLEARANCES ------INDICATES PRODUCT DATUM ------

DATE: **20.06.2024**

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



millimetres



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 |
| | |

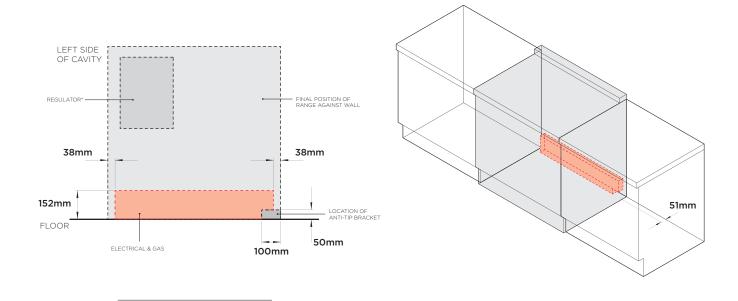
*IMPORTANT NOTE: For full installation and clearance details please refer to our installation manual.

*'Non-combustible surfaces: as defined in 'National Fuel Gas Code' (ANSI 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: 20.06.2024



REAR OF CAVITY

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CAVITY PREPARATION 36" Professional Range - Dual Fuel

| Model no: | |
|---------------------|---|
| RDV3-366 | |
| Specifications | - |
| Oven Total Capacity | 136L |
| 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 |

*Regulator location may vary depending on model.

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

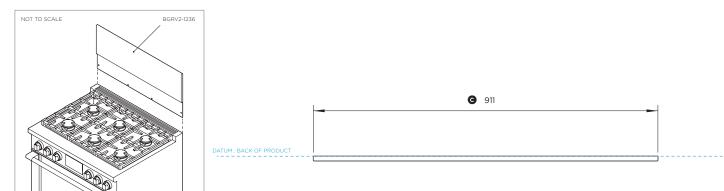
DATE: **20.06.2024**

PRODUCT DIMENSIONS 36" Professional Range Backguard

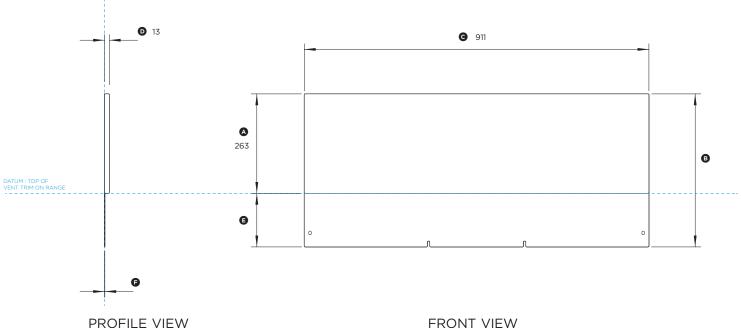
Model no:

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 | 1 |



PLAN VIEW



FRONT VIEW

400

INDICATES PRODUCT DATUM ---

DATE: 20.06.2024

PRODUCT DIMENSIONS 36" Professional Range Backguard

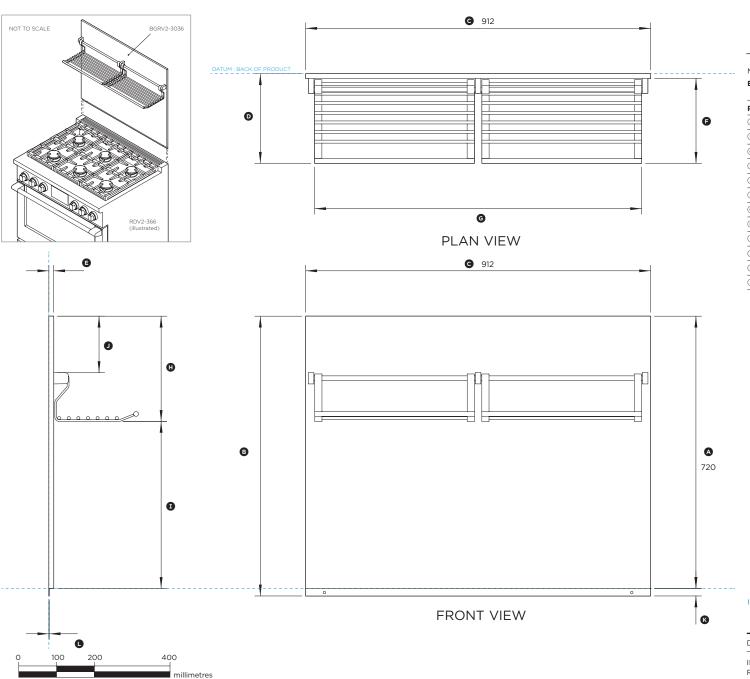
Model no:

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 |
| ① 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: 20.06.2024



PRODUCT DIMENSIONS 36" Professional Range Backguard with Angled Vent Trim

Model no:

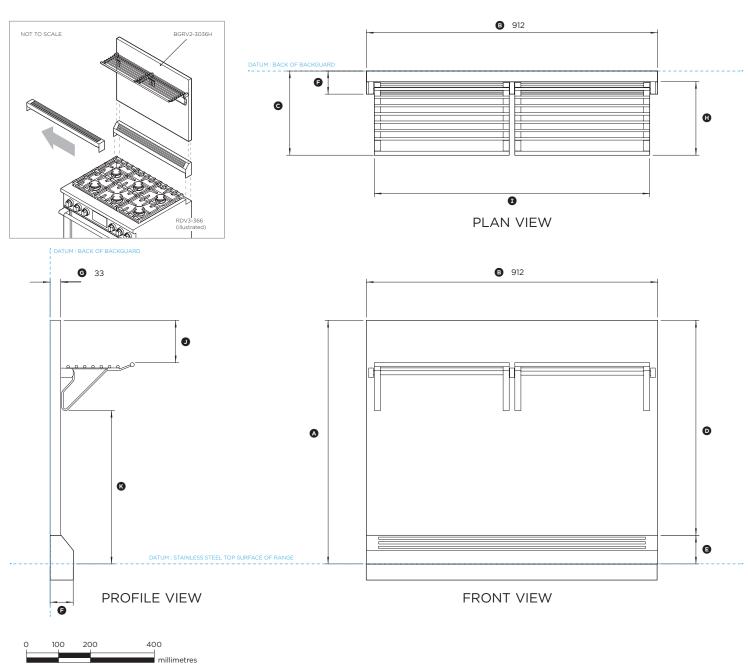
BGRV3-3036H

| 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: 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.