

INTEGRATED REFRIGERATION

PLANNING GUIDE

24" Series 5 Integrated Refrigerator Freezer | RB2470BRV2

FISHER & PAYKEL

INTRODUCTION	SUPPORT	NOTES
This comprehensive planning guide provides you with the framework and tools to achieve your desired design outcome with Fisher & Paykel appliances. In this guide, you will find a range of conceptual, detailed, and dimensional product information to bring your ideas to life and create spaces that truly reflect your vision.	For additional design planning and installation support please contact the Fisher & Paykel design support team. designsupport@fisherpaykel.com	The models shown in this Planning Guide may not be available in all markets and are subject to change at any time. Refer to our website fisherpaykel.com for the latest document version. Product specifications may vary from those shown. This Planning Guide should not be used as installation guidance for any product. Specific installation guidance will be available with the product on delivery and on our website.

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SPECIFICATION GUIDE



OVERVIEW

Designed to integrate seamlessly into smaller spaces, this 9.5 cu ft Refrigerator Freezer offers generous storage, adjustable door panels and a reversible hinge. ActiveSmart™ technology maintains the ideal temperature to keep food fresher for longer, while the Variable Temperature Drawer can be adjusted to store beverages, meat and seafood or fruit and vegetables.

PRODUCT

RB2470BRV2
24" Series 5, Integrated Refrigerator Freezer

ACCESSORIES

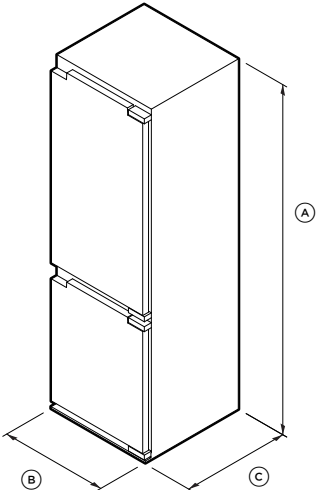
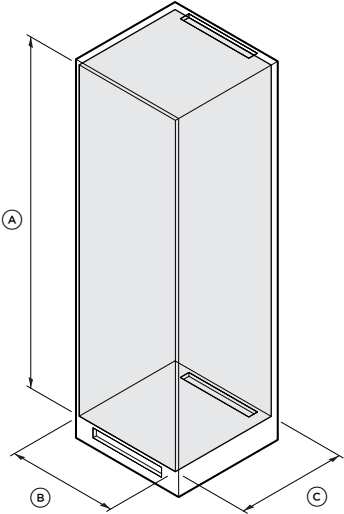
Handles

Handles are available in Contemporary, Professional, and Classic styles. Options include brushed aluminium, black, and stainless steel finishes. For a full range of handle options visit our website fisherpaykel.com

FEATURES

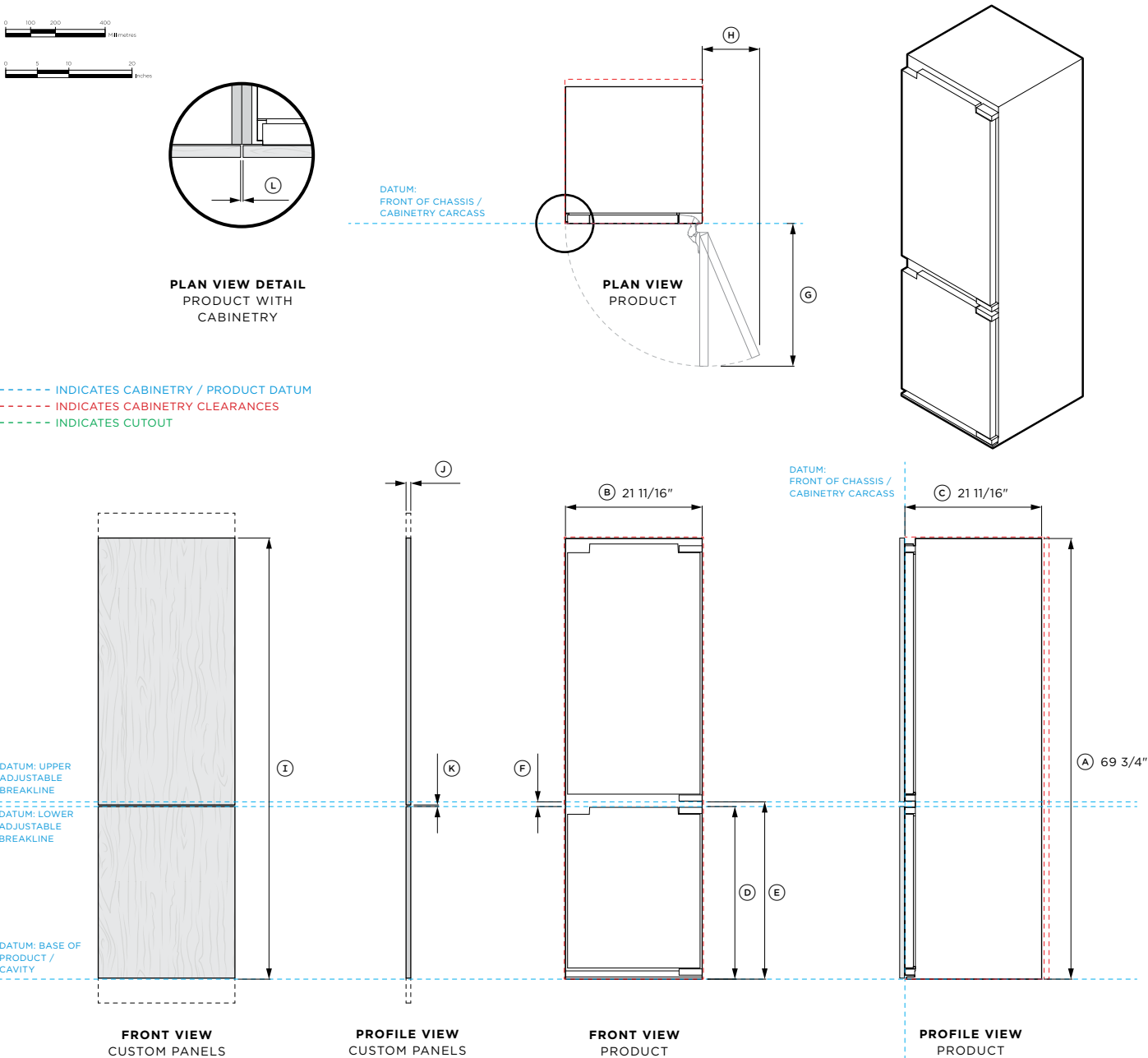
- ① Perfect for smaller spaces, with a generous 9.5 cu ft capacity that doesn't compromise on storage
- ② Designed for minimal gaps with adjustable door panels, our integrated products are easy to install
- ③ By cooling and defrosting only when necessary, this refrigerator uses only the energy it needs and doesn't compromise on food care
- ④ Reversible hinge offers flexible installation to create kitchen perfection
- ⑤ Variable Temperature Drawer can be set to Fruit & Veg, Beverage or Meat & Seafood mode
- ⑥ ActiveSmart™ technology maintains the ideal temperature for fresher food
- ⑦ Eco Mode adjusts each compartment to the ideal settings to balance food care and energy efficiency
- ⑧ Bright LEDs illuminate ceiling, shelves, bins, and tray
- ⑨ Intuitive, easy-to-use interface for activating features like Fast Freeze and Max Cool
- ⑩ Connected capability via Wi-Fi and the SmarHq™ app gives control & visibility from anywhere at any time

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SPECIFICATIONS	PRODUCT DIMENSIONS	CAVITY DIMENSIONS																														
Model Number RB2470BRV224" Series 5, Integrated Refrigerator Freezer Weight Packaged192 lb (87 kg) Unpackaged179 lb (81 kg) Electrical * Supply115 V, 60 Hz Service10 A Connection90" flex cord with plug Plumbing Connectionno connection required	 ISOMETRIC VIEW EXPLODED <table><tr><th>Product Dimensions</th><th>inch</th><th>mm</th></tr><tr><td>Ⓐ Overall height of product</td><td>69 3/4</td><td>1772</td></tr><tr><td>Ⓑ Overall width of product</td><td>21 11/16</td><td>550</td></tr><tr><td>Ⓒ Overall depth of product excluding front panels</td><td>21 11/16</td><td>550</td></tr></table>	Product Dimensions	inch	mm	Ⓐ Overall height of product	69 3/4	1772	Ⓑ Overall width of product	21 11/16	550	Ⓒ Overall depth of product excluding front panels	21 11/16	550	 ISOMETRIC VIEW <table><tr><th>Cavity Dimensions</th><th>inch</th><th>mm</th></tr><tr><td>Ⓐ Height of cavity</td><td>70 - 70 1/8</td><td>1778 - 1782</td></tr><tr><td>Ⓑ Width of cavity</td><td>22 1/16 - 22 3/8</td><td>560 - 568</td></tr><tr><td>Ⓒ Depth of cavity</td><td></td><td></td></tr><tr><td>- minimum</td><td>22 1/16</td><td>560</td></tr><tr><td>- recommended</td><td>22 7/8</td><td>580</td></tr></table>	Cavity Dimensions	inch	mm	Ⓐ Height of cavity	70 - 70 1/8	1778 - 1782	Ⓑ Width of cavity	22 1/16 - 22 3/8	560 - 568	Ⓒ Depth of cavity			- minimum	22 1/16	560	- recommended	22 7/8	580
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DATA SHEET



Model no:
RB2470BRV2 24" Series 5, Integrated Refrigerator Freezer

NOTE: Left hand hinge is a mirrored version of the image shown. Left hand hinge can be achieved using supplied parts. Please refer to Installation Guide for details.

Product Dimensions	inch	mm
A Overall height of product	69 3/4	1772
B Overall width of product	21 11/16	550
C Overall depth of product (excluding custom panels and handle)	21 11/16	550
D Height from base of product/cavity to lower adjustable break line	27 5/16	694
E Height from base of product/cavity to upper adjustable break line	28 1/16	713
F Height between adjustable break lines	3/4	19
G Depth of inner door open at 90° (from front of carcass, excludes custom panels and handle)	22 5/8	574
H Width of Inner door open at 113° (from side of product, allows full internal access, excludes custom panels and handle)	8 7/16	213
I Minimum height from base of product to top of upper custom door panel*	69 5/8	1768

* at minimum cavity height

Custom Panel Dimensions	inch	mm
J Depth of custom door panels	5/8 - 7/8	16 - 22
K Minimum gap between upper and lower custom door panels	5/32	4
L Minimum cabinetry gap from side of door panels		
5/8 - 3/4" (16 - 19mm) custom door panel	5/32	4
25/32 - 7/8" (20 - 22mm) custom door panel	3/16	5
Maximum weight of an individual door panel including handle	33 lb	15 kg

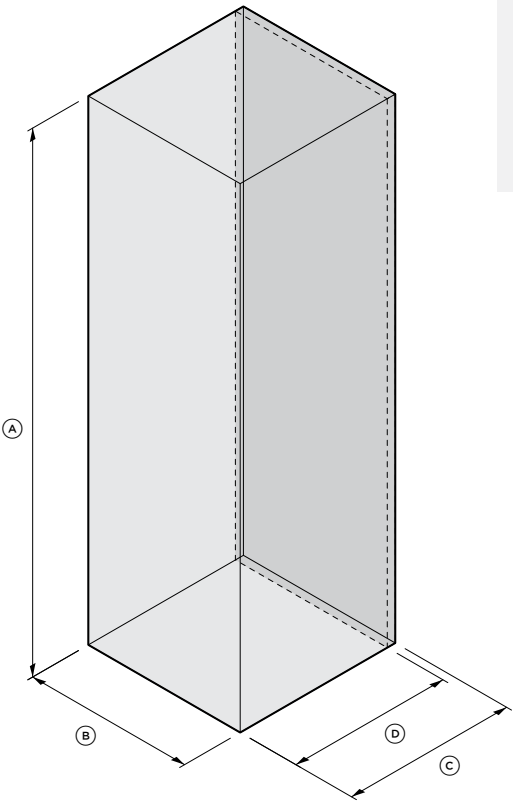
Cavity Dimensions	inch	mm
Height of cavity	70 - 70 1/8	1778 - 1782
Width of cavity	22 1/16 - 22 3/8	560 - 568
Minimum depth of cavity	22 1/16	560
Recommended depth of cavity	22 7/8	580
Minimum ventilation throughout cavity	31 in²	200 cm²

IMPORTANT NOTE: Throughout this guide, dimensions may vary by ±2mm (1/16"). Please read the installation manual for detailed information on installing the product. For full installation instructions & specifications visit fisherpaykel.com

DESIGN PLANNING

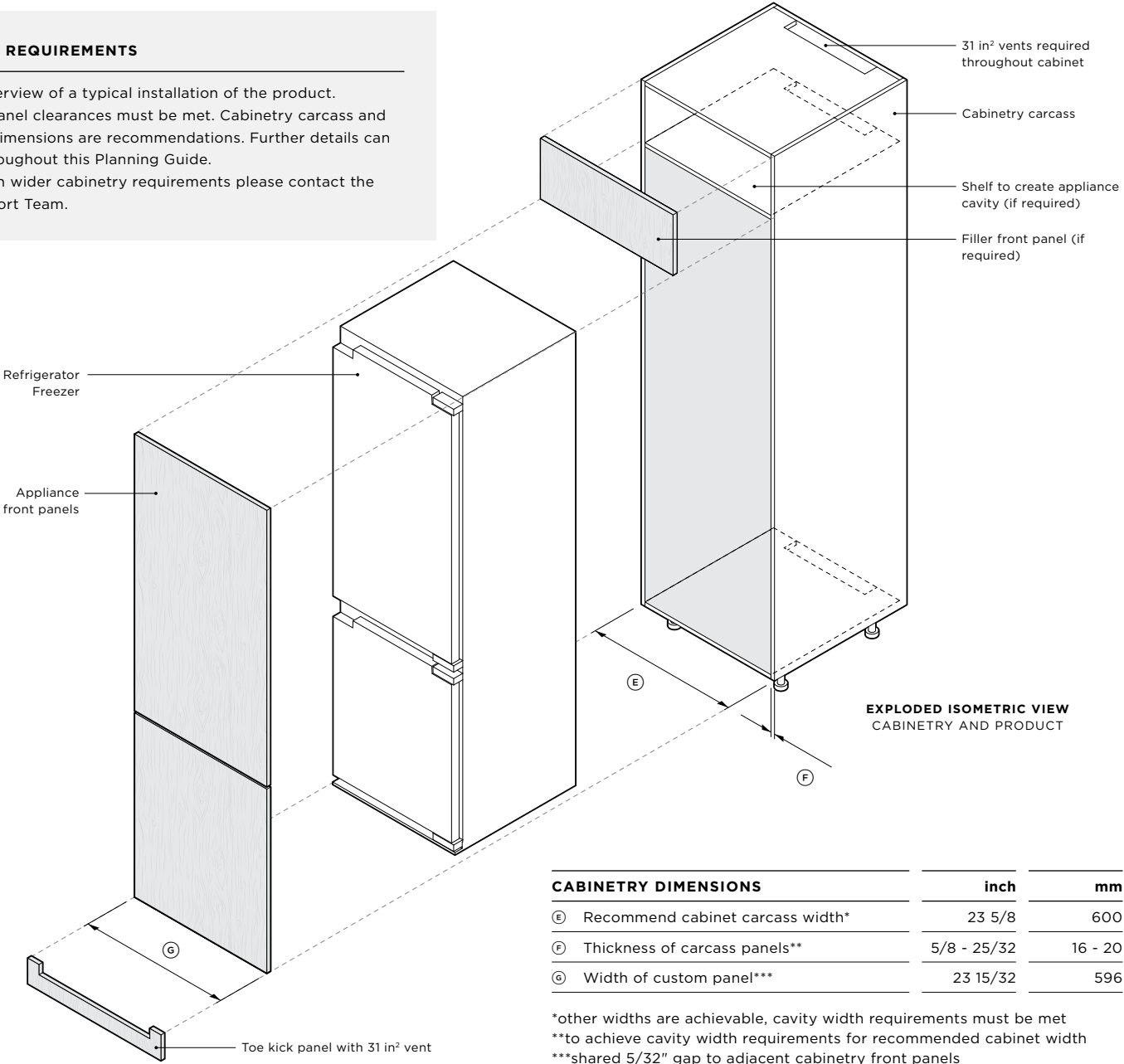
CABINETRY REQUIREMENTS

This is an overview of a typical installation of the product. Cavity and panel clearances must be met. Cabinetry carcass and front panel dimensions are recommendations. Further details can be found throughout this Planning Guide. For details on wider cabinetry requirements please contact the Design Support Team.



ISOMETRIC VIEW
CAVITY

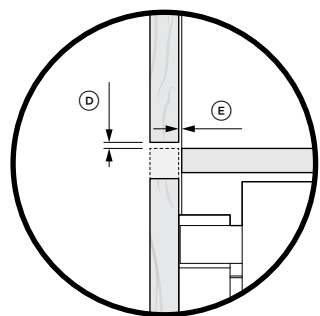
CAVITY DIMENSIONS		inch	mm
A	Height of cavity	70 - 70 1/8	1778 - 1782
B	Width of cavity	22 1/16 - 22 3/8	560 - 568
C	Recommended depth of cavity	22 7/8	580
D	Minimum depth of cavity	22 1/16	560



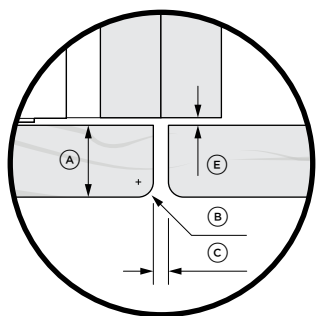
EXPLODED ISOMETRIC VIEW
CABINETRY AND PRODUCT

CABINETRY DIMENSIONS		inch	mm
E	Recommend cabinet carcass width*	23 5/8	600
F	Thickness of carcass panels**	5/8 - 25/32	16 - 20
G	Width of custom panel***	23 15/32	596

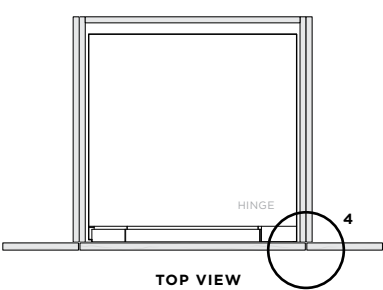
*other widths are achievable, cavity width requirements must be met
**to achieve cavity width requirements for recommended cabinet width
***shared 5/32" gap to adjacent cabinetry front panels



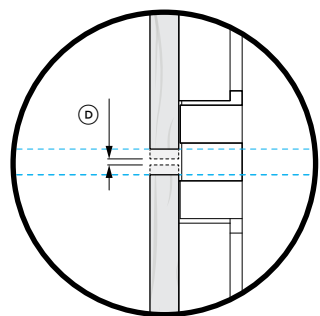
DETAIL 1
SIDE VIEW



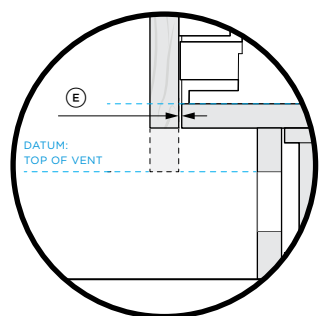
DETAIL 4
TOP VIEW



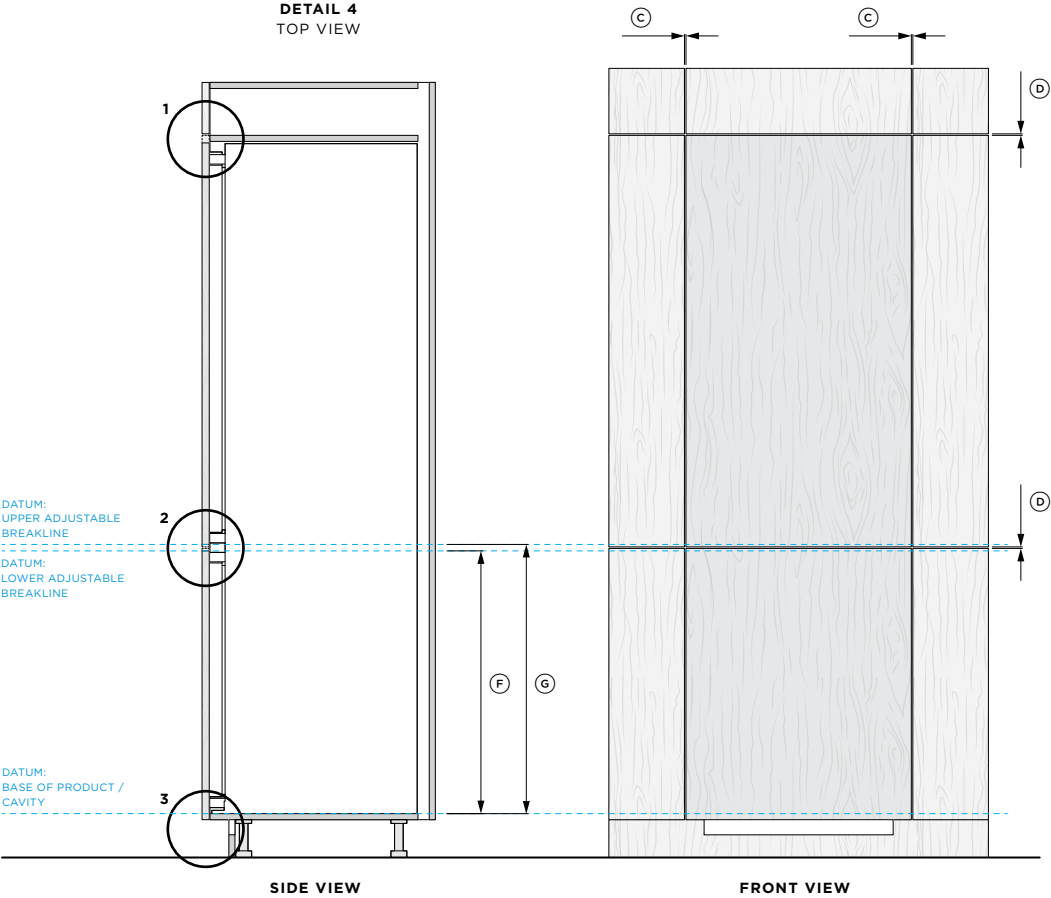
TOP VIEW



DETAIL 2
SIDE VIEW



DETAIL 3
SIDE VIEW



SIDE VIEW

FRONT VIEW

CUSTOM PANELS

Custom panel specifications and clearances must be applied to specific cabinetry design and construction requirements.

The gap between upper and lower panels can be placed at any height within the adjustable break lines.

The base of lower door must be in line with or above the top of vent to ensure ventilation gap of 31 in² or greater.

For attachment details between custom panels and product refer to Installation Guide.

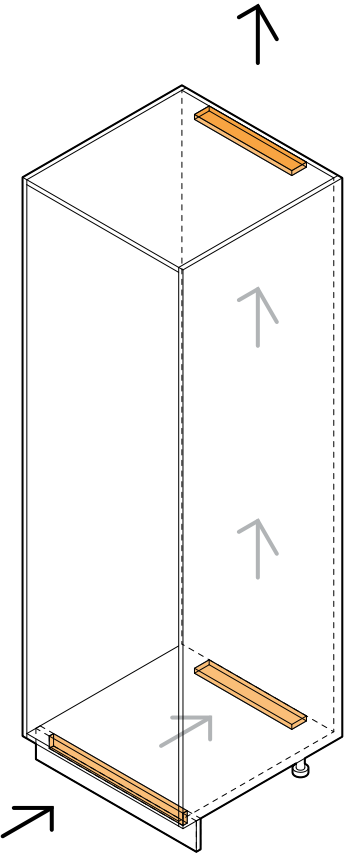
CUSTOM PANEL DIMENSIONS

A	Panel thickness	B	Corner radius	C	Gap to side
	5/8 - 3/4 (16 - 19mm)		3/32 (2mm)		5/32 (4mm)
	25/32 - 7/8 (20 - 22mm)*		3/32 (2mm)		3/16 (5mm)

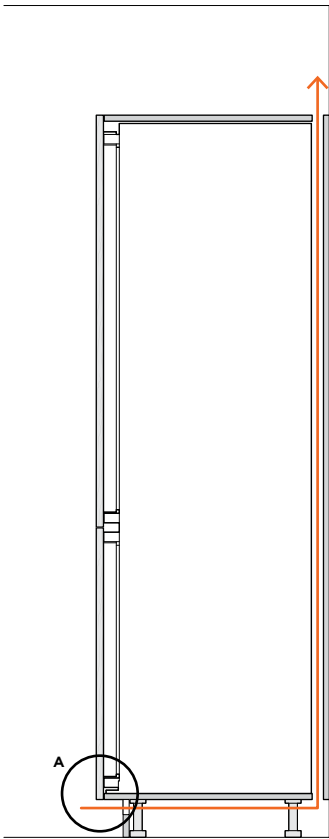
*Panels with a thickness of 13/16 - 7/8" are considered special case. For further details please contact the Design Support Team.

CUSTOM PANEL CLEARANCES		inch	mm
D	Gap to adjacent panels above and below	5/32	4
E	Gap between front panel and cabinetry carcass	3/32	2
F	Height from base of product/cavity to base of adjustable break line	27 5/16	694
G	Height from base of product/cavity to top of adjustable break line	28 1/16	713

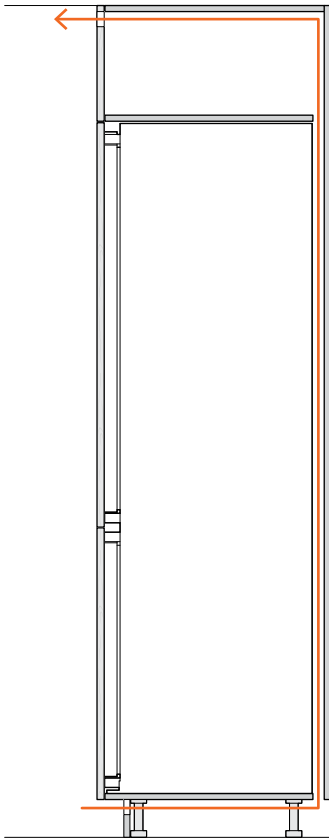
CUSTOM PANEL WEIGHT		lb	kg
Maximum weight of each custom panel including handle		33	15



ISOMETRIC VIEW
CABINET VENTILATION



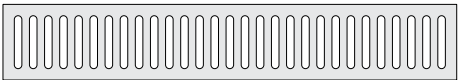
SIDE VIEW
VENTILATION EXAMPLE 1



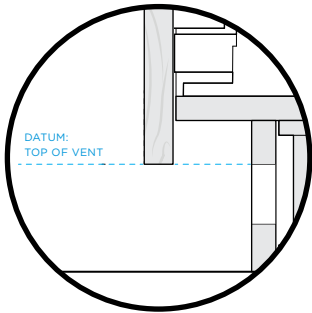
SIDE VIEW
VENTILATION EXAMPLE 2



FRONT VIEW
SINGLE CUTOUT VENT EXAMPLE



FRONT VIEW
GRILLE VENT EXAMPLE



DETAIL A
BASE OF DOOR MUST BE IN LINE
WITH OR ABOVE TOP OF VENT

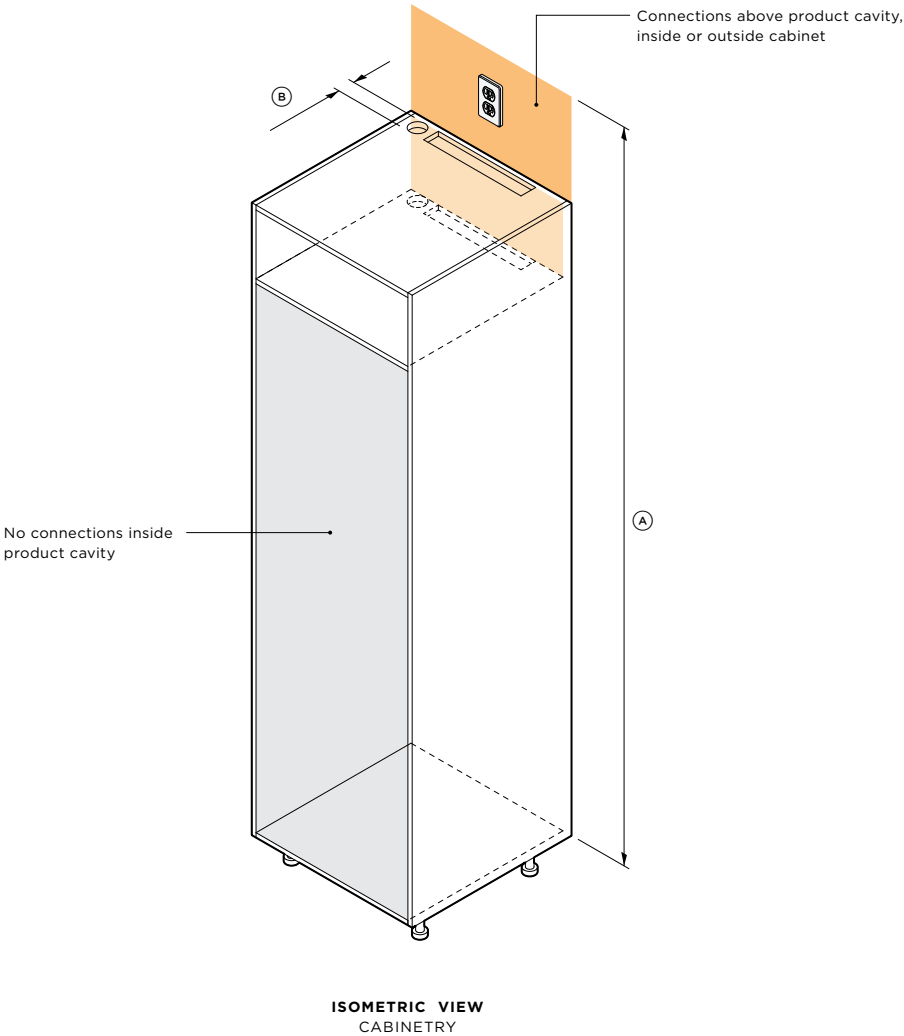
VENTILATION OVERVIEW

An unrestricted flow of cool air is required at the back of the product.

Vents of at least 31 in² (200 cm²) are required throughout the cabinet to ensure adequate airflow. If a grille is used, the combined hole area must be equal to or greater than 31 in².

Avoid venting directly into adjacent cabinetry.

Cabinetry examples can be adjusted to suit specific cabinetry design and construction requirements whilst ensuring ventilation requirements.



SERVICE CONNECTIONS

Connections must be made above and outside the product cavity, either inside or outside the cabinet. The electrical socket must be accessible once the product is installed.

Electrical Supply Dimensions		inch	mm
(A)	Maximum height between base of product and power connection	86 1/2	2200
(B)	Minimum diameter of hole for services for be routed through*	2 3/16	55

* alternatively can be routed through vent with same depth requirements.

Electrical	
Supply	115 V, 60 Hz
Service	10 A
Connection	90" flex cord with plug

Plumbing	
Connection	no connection required

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