

INTEGRATED REFRIGERATION

PLANNING GUIDE

60cm Series 5 Integrated Refrigerator Freezer | RB6018BRV

FISHER & PAYKEL

INTRODUCTION

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.

SUPPORT

For additional design planning and installation support please contact the Fisher & Paykel design support team.
designsupport@fisherpaykel.com

NOTES

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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DEVELOPED AND DETAILED DESIGNPAGE

SPECIFICATION GUIDE



OVERVIEW

Designed to integrate seamlessly into smaller spaces, this 269L 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

RB6018BRV
60cm 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 269L 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

Model Number

RB6018BRV 60cm Series 5, Integrated Refrigerator Freezer

Weight

Packaged 87 kg

Unpackaged 81 kg

Electrical *

Supply 230 V, 50 Hz

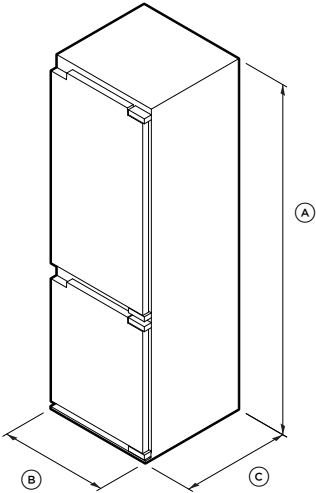
Service 10 A

Connection 2.3m flex cord with plug

Plumbing

Connection no connection required

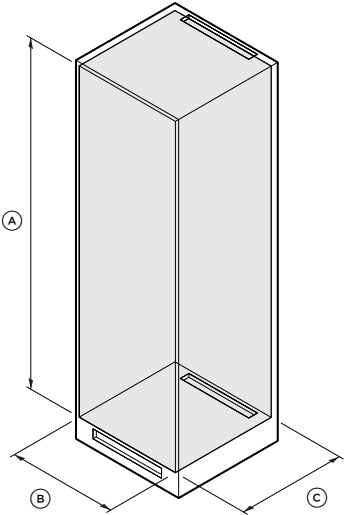
PRODUCT DIMENSIONS



ISOMETRIC VIEW
EXPLODED

Product Dimensions		mm
Ⓐ	Overall height of product	1772
Ⓑ	Overall width of product	550
Ⓒ	Overall depth of product excluding front panels	550

CAVITY DIMENSIONS

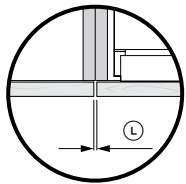


ISOMETRIC VIEW

Cavity Dimensions		mm
Ⓐ	Height of cavity	1778 - 1782
Ⓑ	Width of cavity	560 - 568
Ⓒ	Depth of cavity	
	- minimum	560
	- recommended	580

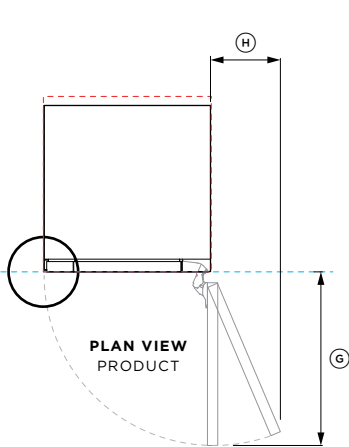
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DATA SHEET

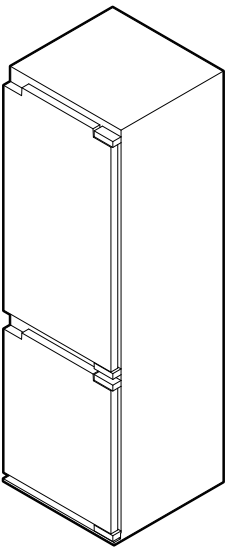


PLAN VIEW DETAIL
PRODUCT WITH
CABINERY

DATUM:
FRONT OF CHASSIS /
CABINERY CARCASS



PLAN VIEW
PRODUCT



Model no:

RB6018BRV

60cm 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

mm

Ⓐ	Overall height of product	1772
Ⓑ	Overall width of product	550
Ⓒ	Overall depth of product (excluding custom panels and handle)	550
Ⓓ	Height from base of product/cavity to lower adjustable break line	694
Ⓔ	Height from base of product/cavity to upper adjustable break line	713
Ⓕ	Height between adjustable break lines	19
Ⓖ	Depth of inner door open at 90° (from front of carcass, excludes custom panels and handle)	574
Ⓗ	Width of Inner door open at 113° (from side of product, allows full internal access, excludes custom panels and handle)	213
Ⓘ	Minimum height from base of product to top of upper custom door panel*	1768

* at minimum cavity height

Custom Panel Dimensions

mm

Ⓙ	Depth of custom door panels	16 - 22
Ⓚ	Minimum gap between upper and lower custom door panels	4
Ⓛ	Minimum cabinetry gap from side of door panels	
	16 - 19mm custom door panel	4
	20 - 22mm custom door panel	5
	Maximum weight of an individual door panel including handle	15kg

Cavity Dimensions

mm

	Height of cavity	1778 - 1782
	Width of cavity	560 - 568
	Depth of cavity	
	- recommended	580
	- minimum	560

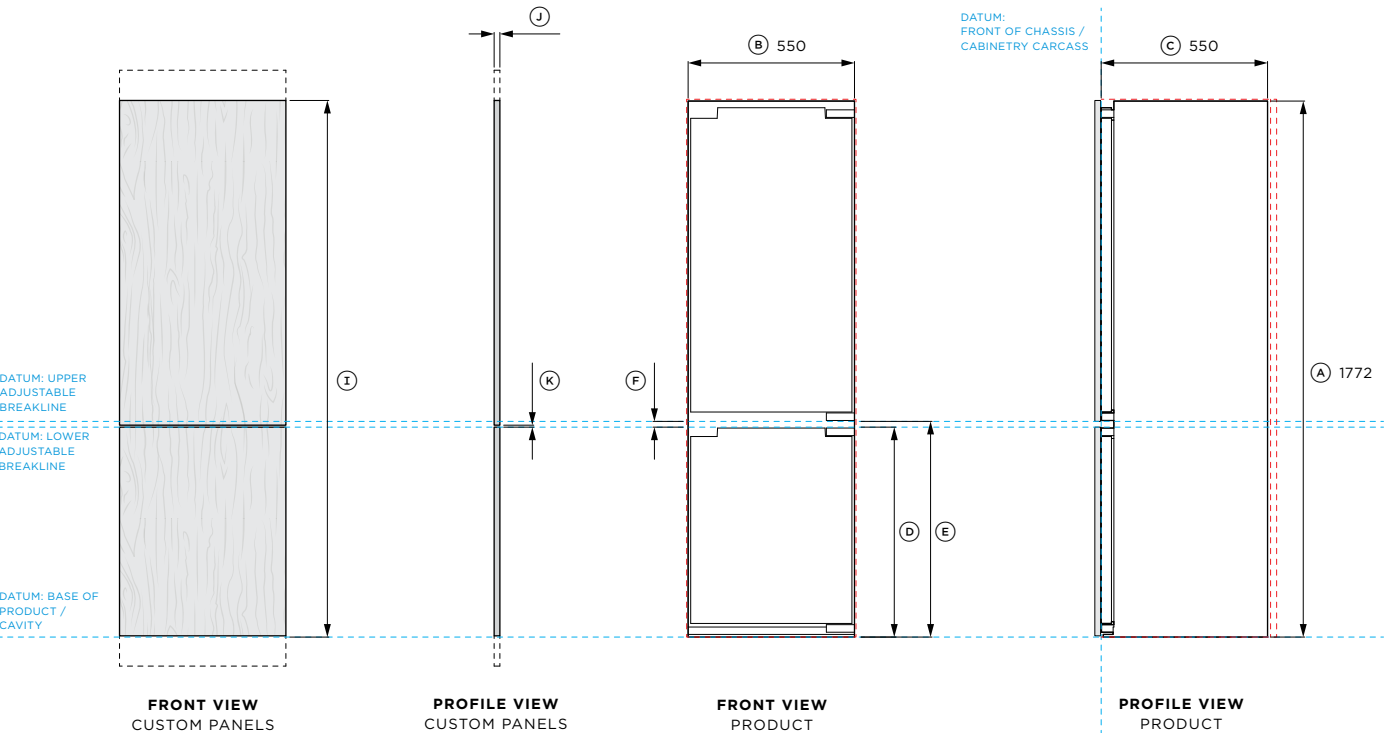
Ventilation Requirements

cm²

	Minimum inlet and outlet ventilation	200
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----- INDICATES CABINERY / PRODUCT DATUM
----- INDICATES CABINERY CLEARANCES
----- INDICATES CUTOUT

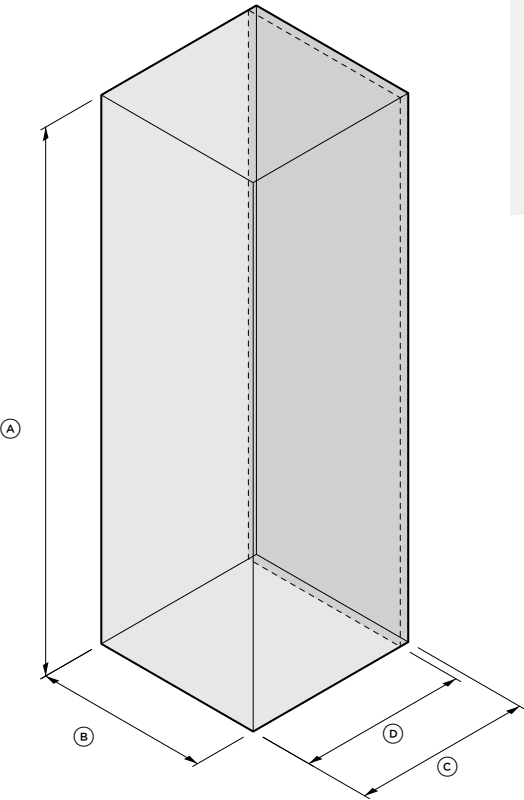
IMPORTANT NOTE: Throughout this guide, dimensions may vary by ±2mm (1/16"). Please read the installation manual for detailed information on installing the product. For full installation instructions & specifications visit fisherpaykel.com



DESIGN PLANNING

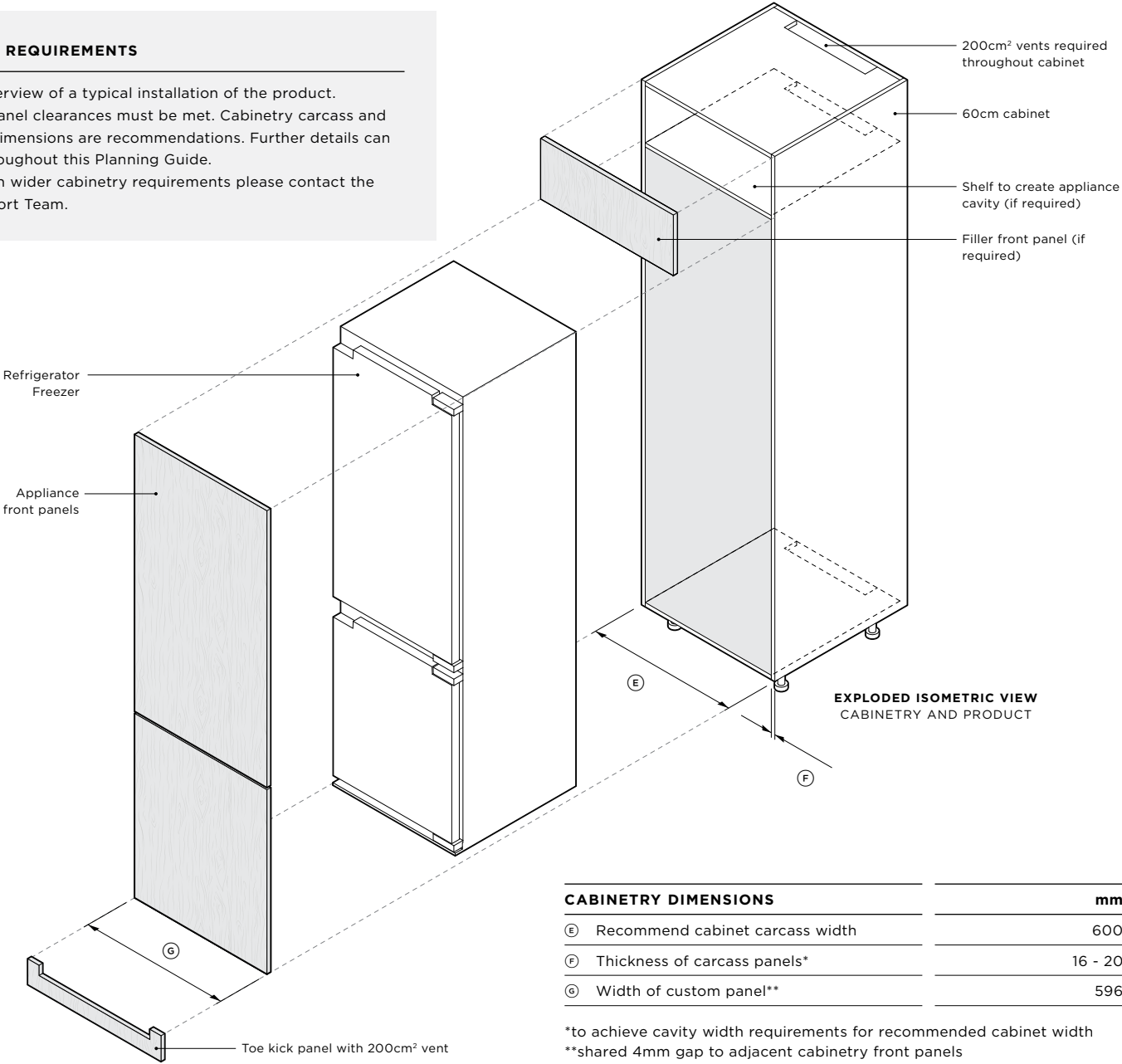
CABINETRY REQUIREMENTS

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.



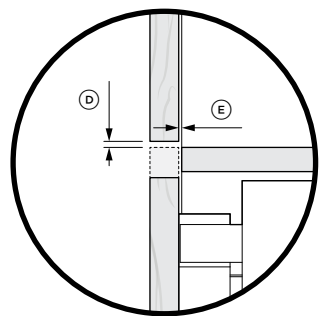
ISOMETRIC VIEW
CAVITY

CAVITY DIMENSIONS		mm
A	Height of cavity	1778 - 1782
B	Width of cavity	560 - 568
C	Recommended depth of cavity	580
D	Minimum depth of cavity	560

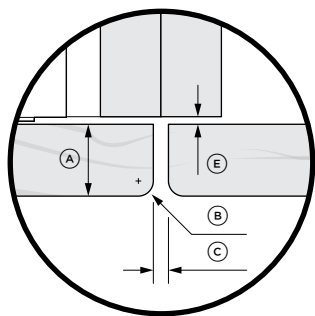


CABINETRY DIMENSIONS		mm
E	Recommend cabinet carcass width	600
F	Thickness of carcass panels*	16 - 20
G	Width of custom panel**	596

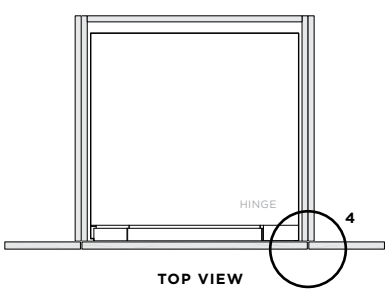
*to achieve cavity width requirements for recommended cabinet width
**shared 4mm gap to adjacent cabinetry front panels



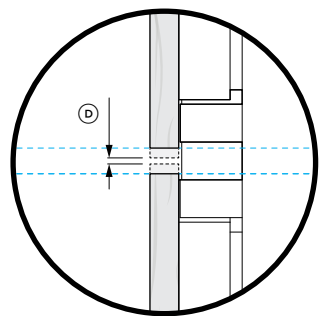
DETAIL 1
SIDE VIEW



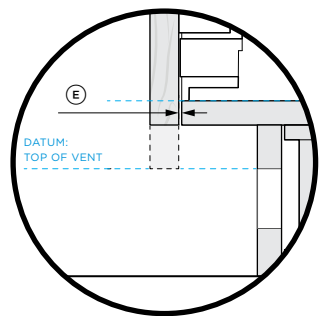
DETAIL 4
TOP VIEW



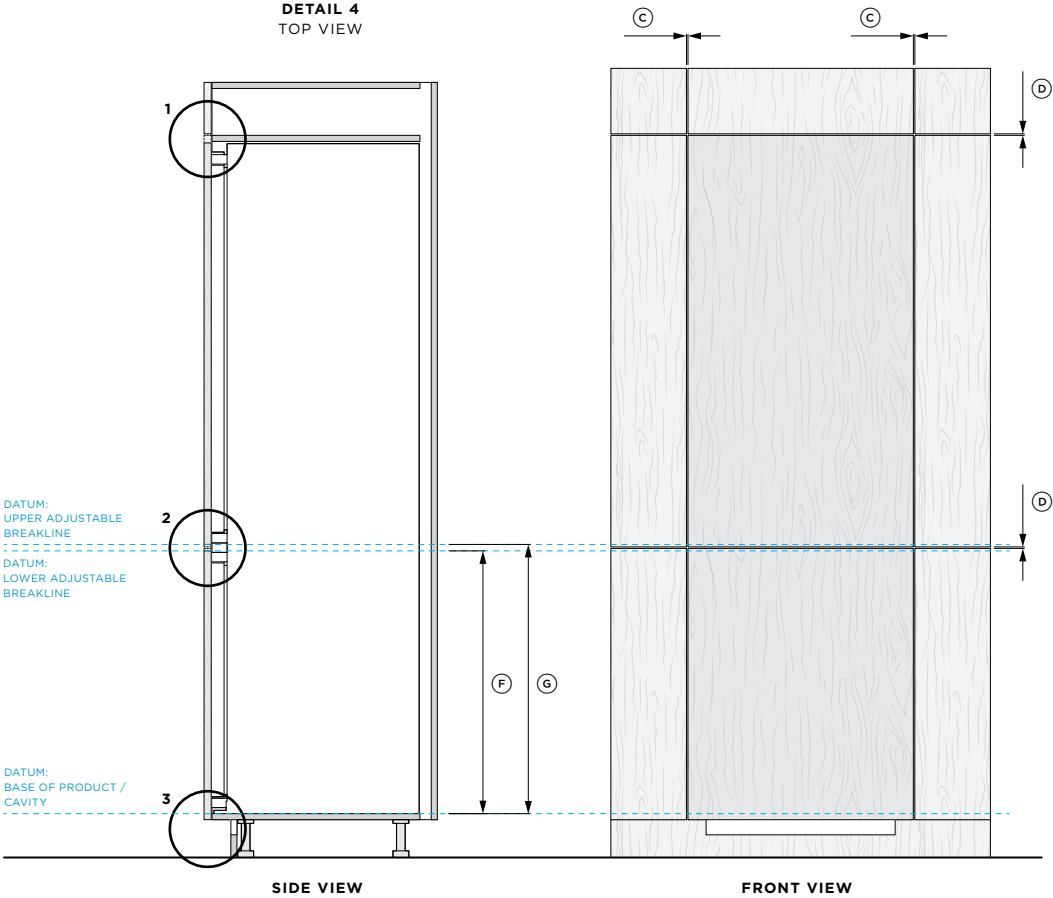
TOP VIEW



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 200cm² or greater.

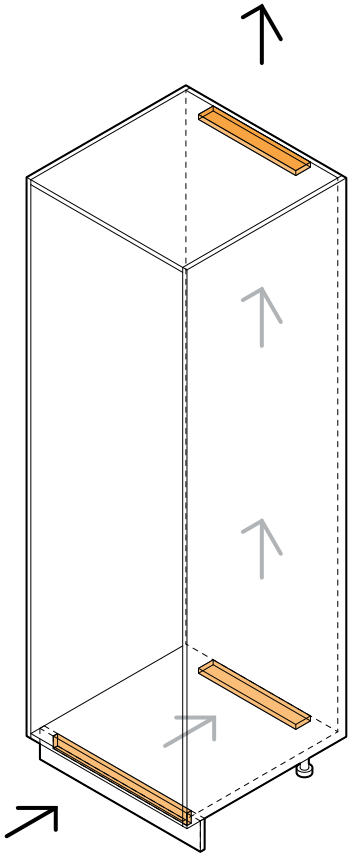
For attachment details between custom panels and product refer to Installation Guide.

CUSTOM PANEL DIMENSIONS			mm		
A	Panel thickness	B	Corner radius	C	Gap to side
	16 - 19		2		4
	20 - 22*		2		5

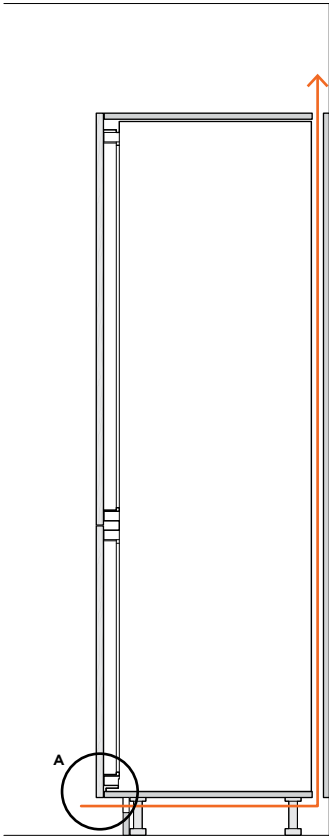
*Panels with a thickness of 20-22mm are considered special case. For further details please contact the Design Support Team.

CUSTOM PANEL CLEARANCES		mm
D	Gap to adjacent panels above and below	4
E	Gap between front panel and cabinetry carcass	2
F	Height from base of product/cavity to lower adjustable break line	694
G	Height from base of product/cavity to upper adjustable break line	713

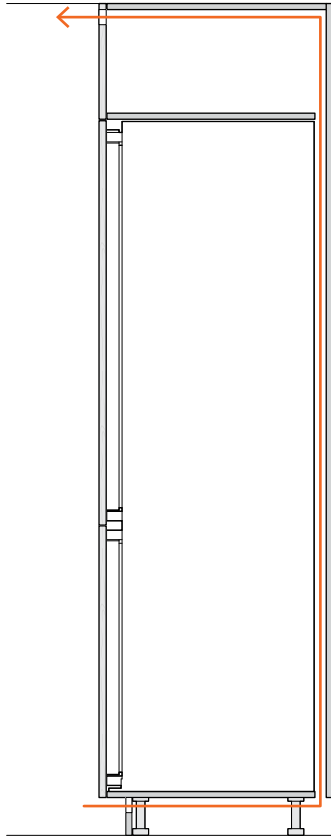
CUSTOM PANEL WEIGHT		kg
Maximum weight of each custom panel including handle		15



ISOMETRIC VIEW
CABINET VENTILATION



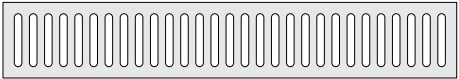
SIDE VIEW
VENTILATION EXAMPLE 1



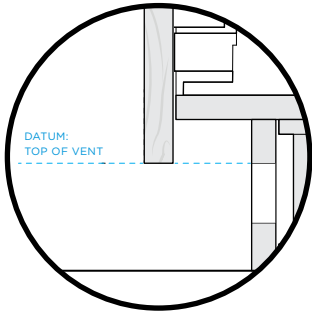
SIDE VIEW
VENTILATION EXAMPLE 2



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

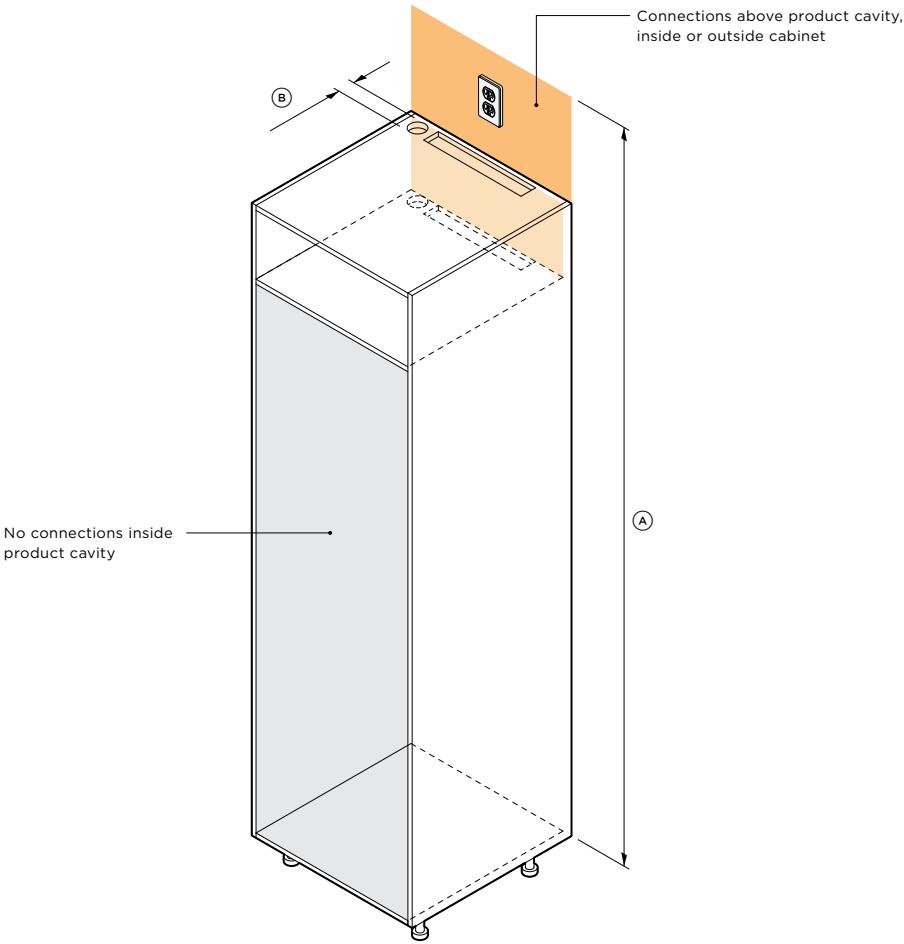
VENTILATION OVERVIEW

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

Vents of at least 200cm² 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 200cm².

Avoid venting directly into adjacent cabinetry.

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



ISOMETRIC VIEW
CABINETRY

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		mm
A	Maximum height between base of product and power connection	2200
B	Minimum diameter of hole for services for be routed through*	55

* alternatively can be routed through ventilation gap with same depth requirements.

Electrical	
Supply	230 V, 50 Hz
Service	10 A
Connection	2.3m flex cord with plug

Plumbing	
Connection	no connection required

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