

SERIES 9 INTEGRATED COOLDRAWER™

PLANNING GUIDE

RB36S25MKIW N 1

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

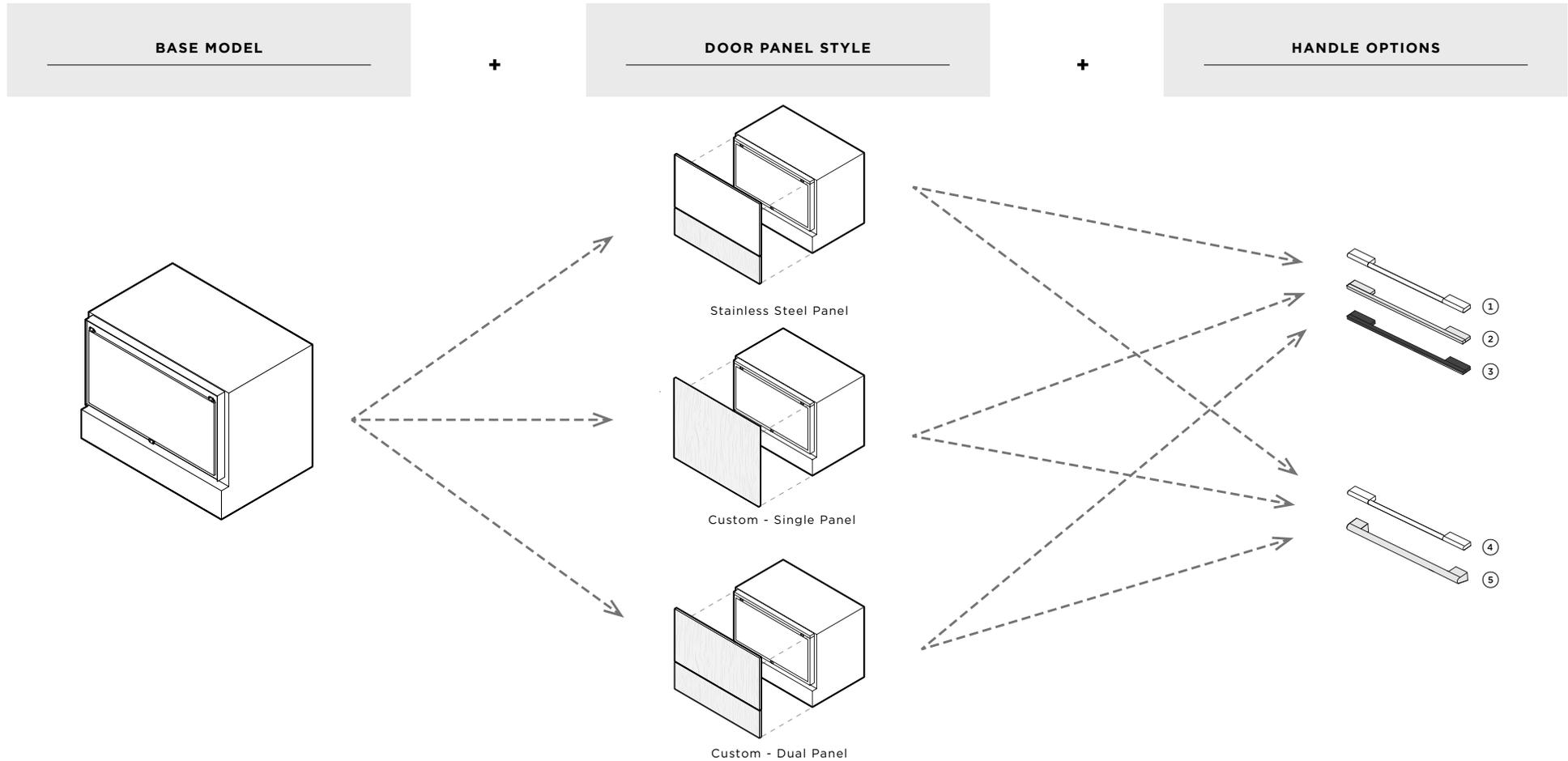
NOTES

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DESIGN CHOICES



BASE MODEL	MODELS	DOOR PANEL MODELS	HANDLE MODELS
Integrated CoolDrawer™	RB36S25MKIW N 1	Stainless Steel Door Panel	RD3625S ① Stainless steel - Classic handle AHCLR36S
		Custom Door Panel	② Stainless steel silver - Square fine door handle AHD5RD36S
			③ Stainless steel black - Square fine handle AHD5RD36SB
			④ Aluminium silver - Contemporary round door handle AHSRB36S
			⑤ Stainless steel - Professional round flush handle AHP3RD36S

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SPECIFICATION GUIDE



OVERVIEW

Designed for seamless integration, the CoolDrawer™ provides adaptable cooling for any space with five temperature modes; Freezer, Fridge, Pantry, Chill, and Wine. Its fully extendable drawer and touch control panel ensure effortless operation, while panel-ready design options allow for a flush, cohesive look. Ideal for custom kitchens and multi-functional spaces, it delivers both form and function.

PRODUCTS

RB36S25MKIW N 1

36" Series 9

Integrated CoolDrawer™ Multi-temperature Drawer

FEATURES

- ① Suitable for a wide range of spaces, from kitchens to entertainment areas - offering versatile cooling solutions
- ② Five temperature modes; Freezer, Fridge, Pantry, Chill, and Wine
- ③ Designed for flush installation with minimal 5/32 (4mm) gaps, ensuring a seamless integrated look
- ④ Panel-ready design allows for stainless steel or custom finishes, blending effortlessly with cabinetry
- ⑤ Intuitive touch controls enable effortless temperature adjustments.
- ⑥ Full-extension drawer glides smoothly for easy access to stored items
- ⑦ LED lighting illuminates the interior, enhancing visibility and ease of use.
- ⑧ ActiveSmart™ Foodcare helps keep food fresher for longer



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SPECIFICATIONS

Model Number

RB36S25MKIW N 1 Series 9, Integrated CoolDrawer™

Weight

Packaged 148 lb (67Kg)

Unpackaged 128 lb (58Kg)

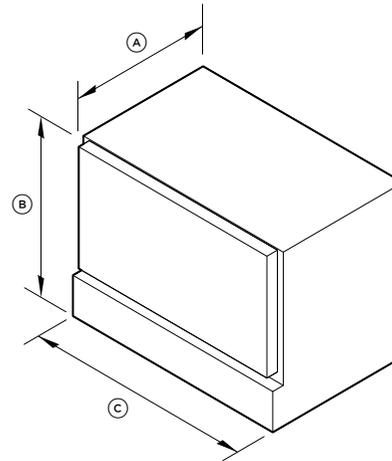
Electrical

Supply 110 V, 60 Hz

Service 10 A

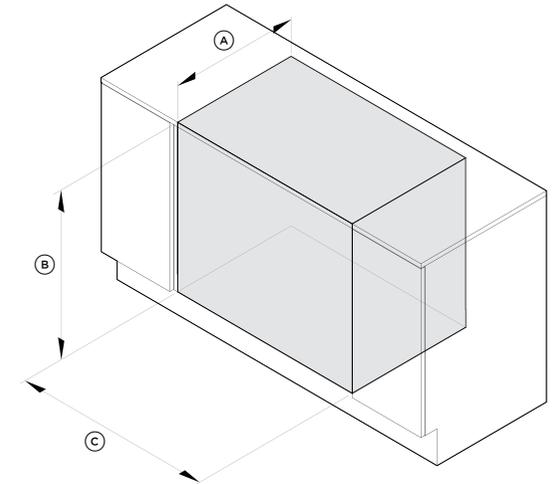
Connection 3-pin earthing type

PRODUCT DIMENSIONS



ISOMETRIC VIEW

CAVITY DIMENSIONS: STANDARD INSTALLATION



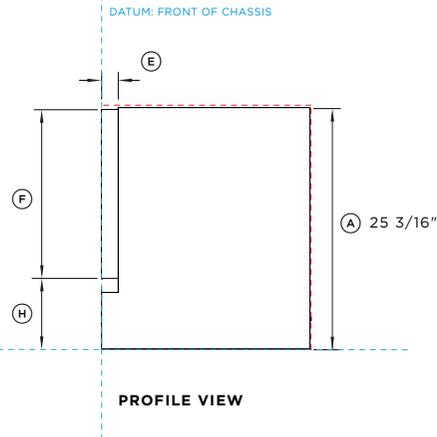
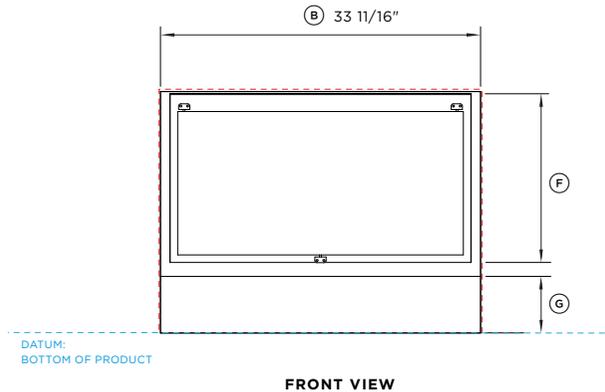
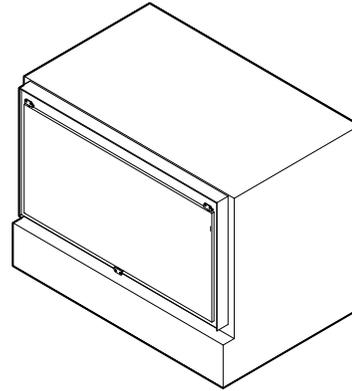
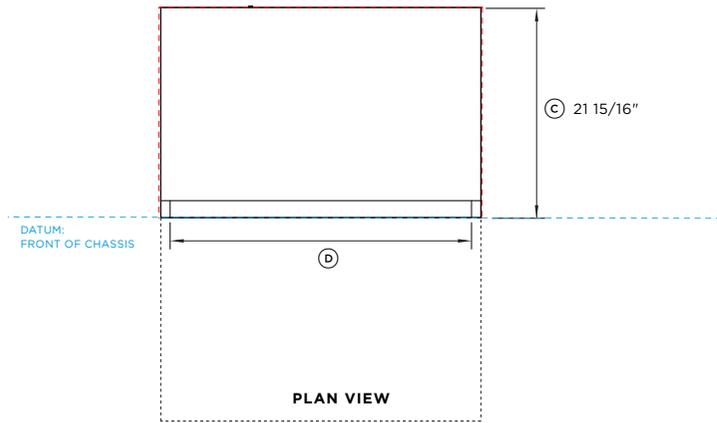
ISOMETRIC VIEW

Product Dimensions	Inch	mm
Ⓐ Overall depth	21 15/16	557
Ⓑ Overall height	25 3/16	640
Ⓒ Overall width	33 11/16	855

Cavity Dimensions	Inch	mm
Ⓐ Minimum cavity depth	22 1/16	560
Ⓑ Minimum cavity height	25 3/8	644
Ⓒ Minimum cavity width	34 1/32	864

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DATA SHEETS



Model no:

RB36S25MKIW N 1 Series 9, Integrated CoolDrawer™

NOTE: Refer to the Purchase Decision page for all door panel and handle options, and to the Door Panel Options page for detailed panel information.

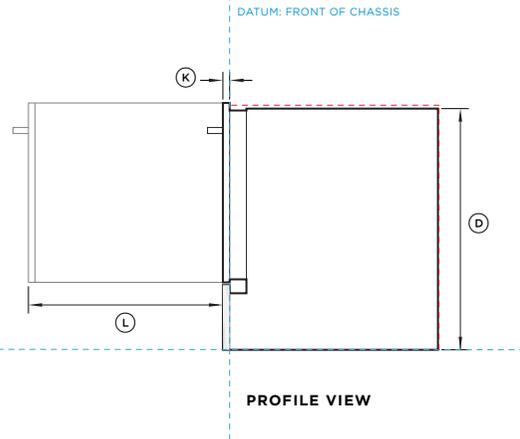
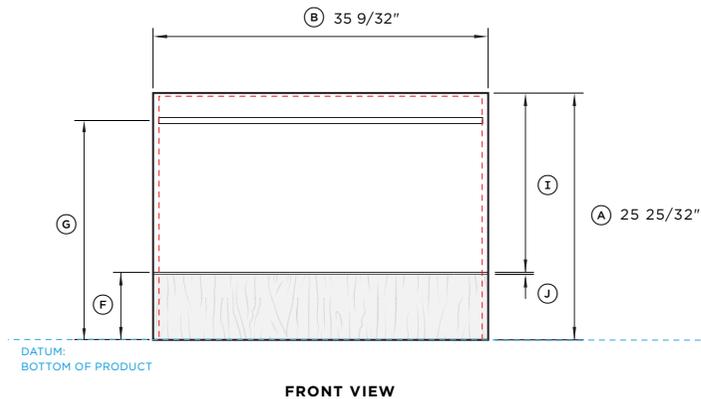
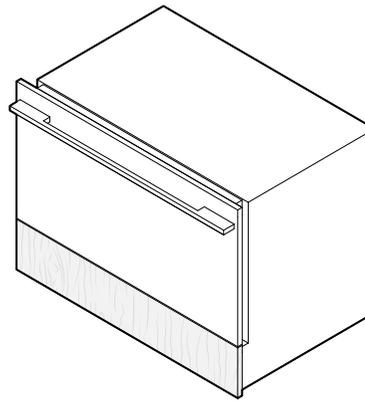
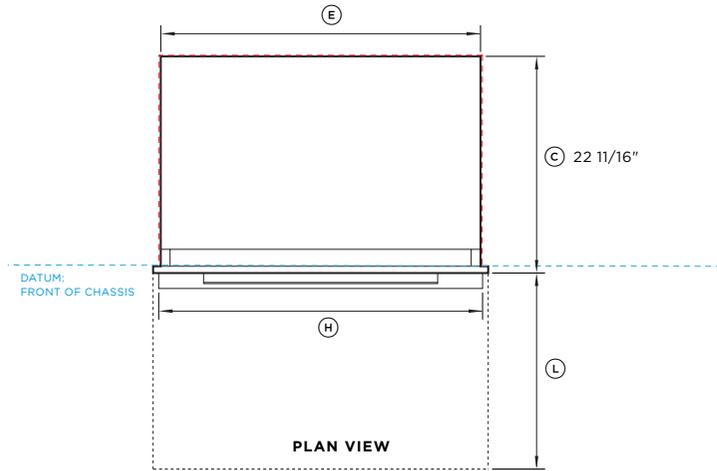
Product Dimensions	Inch	mm
(A) Overall height of product	25 3/16	640
(B) Overall width of product	33 11/16	855
(C) Overall depth of product (without handle and door panel)	21 15/16	557
(D) Width of inner door	31 11/16	805
(E) Thickness of inner door	1 25/32	45
(F) Height of inner door	17 5/8	448
(G) Height of lower chassis	5 29/32	150
(H) Height from base of product to base of door	7 3/8	187

Minimum Clearances	Inch	mm
Minimum inside height of cavity	25 3/8	644
Minimum inside width of cavity	34 1/32	864
Minimum overall depth of cavity	22 1/16	560
Minimum clearance to corner cupboard	1/2	13
Minimum clearance to adjacent cupboard door	3/32	2
Minimum clearance to underside of benchtop	3/32	2

NOTE: For venting consideration for the toe kick design, please refer to the venting page and installation guide. Custom door panels, toekick and handles to be manufactured / fitted by cabinetmaker.

- INDICATES CABINETRY / PRODUCT DATUM
- INDICATES CABINETRY 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



Model no:

RB36S25MKIW N 1 Series 9, Integrated CoolDrawer™

Shown with:

RD3625S Stainless Steel Door Panel
 AHD5RD36S Contemporary Square Fine Handle*

* Not supplied. Custom door panels to be manufactured / fitted by cabinetmaker. Handle dimensions identical between colour variants.

NOTE: Refer to the Purchase Decision page for all door panel and handle options, and to the Door Panel Options page for detailed panel information.

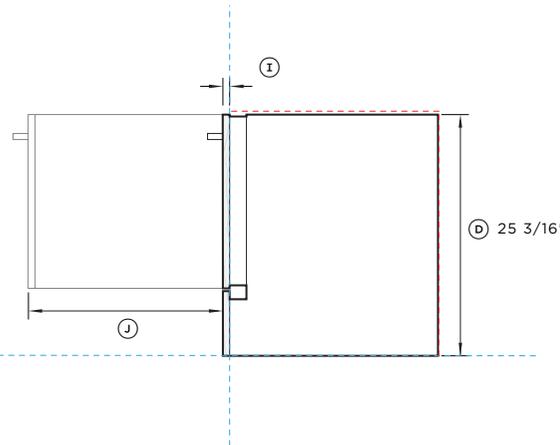
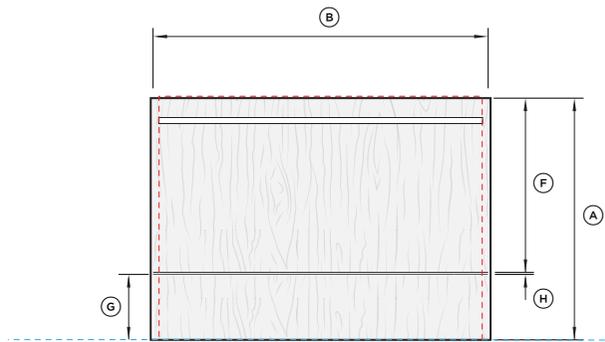
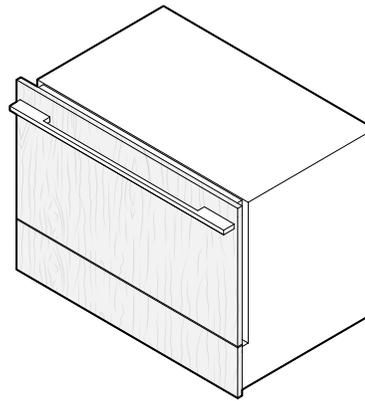
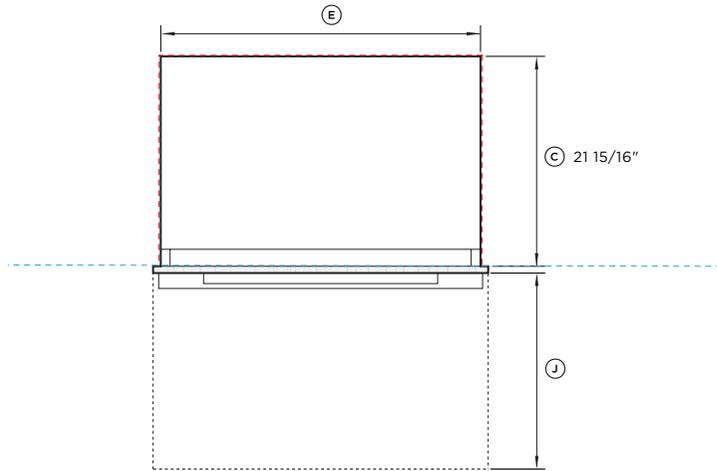
Product Dimensions		Inch	mm
(A)	Overall height of product	25 25/32	655
(B)	Overall width of product	35 9/32	896
(C)	Overall depth of product (Excluding handle)	22 11/16	576
(D)	Height of chassis	25 3/16	640
(E)	Width of chassis	33 11/16	855
(F)	Height from bottom datum to bottom of drawer panel	6 7/8	175
(G)	Height from bottom datum to centre of handle	22 29/32	582
(H)	Width of handle	34 3/32	866
(I)	Height of stainless steel door panel	18 3/4	476
(J)	Minimum clearance between panels	5/32	4
(K)	Thickness of door panel	3/4	19
(L)	Maximum extension of drawer	20 3/4	527

Minimum Clearances		Inch	mm
Minimum inside height of cavity		25 3/8	644
Minimum inside width of cavity		34 1/32	864
Minimum overall depth of cavity		22 1/16	560
Minimum clearance to corner cupboard		1/2	13
Minimum clearance to adjacent cupboard door		3/32	2
Minimum clearance to underside of benchtop		3/32	2

NOTE: For venting consideration for the toe kick design, please refer to the venting page and installation guide. Custom door panels, toekick and handles to be manufactured / fitted by cabinetmaker.

- INDICATES CABINETRY / PRODUCT DATUM
- INDICATES CABINETRY CLEARANCES
- INDICATES CUTOUT

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Model no:

RB36S25MKIW N 1 Series 9, Integrated CoolDrawer™

Shown with:

AHD5RD36S Custom Door Panel - Dual*
Contemporary Square Fine Handle**

* Not supplied. Custom door panels to be manufactured / fitted by cabinetmaker.
** Optional, not supplied. Custom handle can be used and adjusted to fit at any height within reason on a custom door panel.

NOTE: 15 lb (7Kg) Maximum weight custom of door panel and handle. Refer to the Purchase Decision page for all door panel and handle options, and to the Door Panel Options page for detailed panel information.

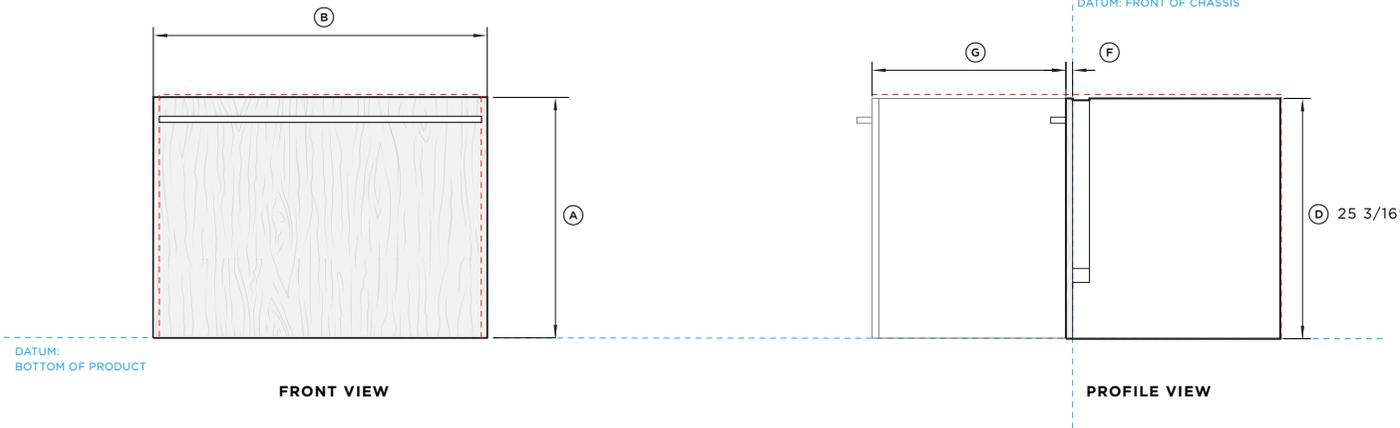
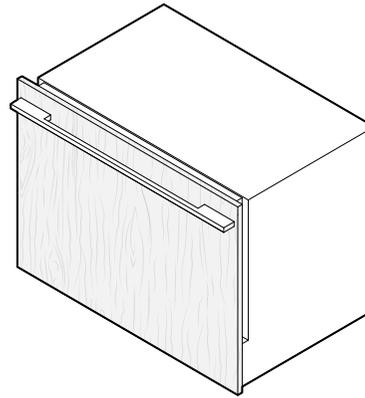
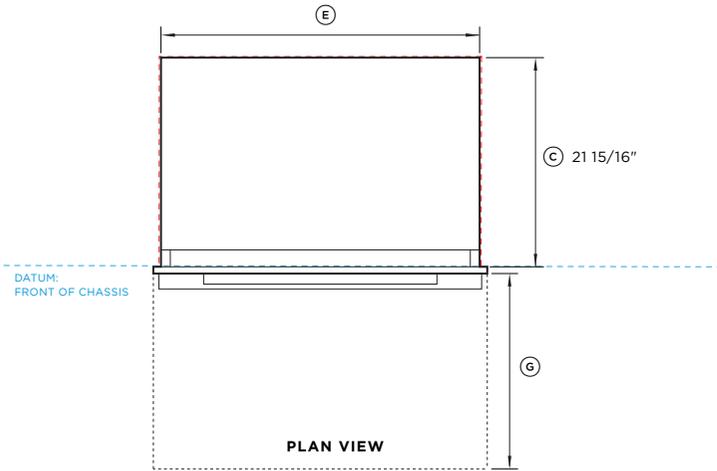
Product Dimensions	Inch	mm
(A) Overall height of product	min 25 3/16	min 640
(B) Overall width of custom door panel	min 33 7/8	min 860
(C) Depth of chassis	21 15/16	557
(D) Height of chassis	25 3/16	640
(E) Width of chassis	33 11/16	855
(F) Height of custom door panel*	min 17 31/32	min 456
(G) Height from bottom datum to top of false panel	5 29/32 - 7 3/32	150 - 180
(H) Minimum clearance between custom panels	5/32	4
(I) Thickness of door panel	5/8 - 25/32	16 - 20
(J) Maximum extension of drawer	20 3/4	527

Minimum Clearances	Inch	mm
Minimum inside height of cavity	25 3/8	644
Minimum inside width of cavity	34 1/32	864
Minimum overall depth of cavity	22 1/16	560
Minimum clearance to corner cupboard	1/2	13
Minimum clearance to adjacent cupboard door	3/32	2
Minimum clearance to underside of benchtop	3/32	2

NOTE: For venting consideration for the toe kick design, please refer to the venting page and installation guide. Custom door panels, toekick and handles to be manufactured / fitted by cabinetmaker.

- INDICATES CABINETRY / PRODUCT DATUM
- INDICATES CABINETRY CLEARANCES
- INDICATES CUTOUT

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Model no:

RB36S25MKIW N 1 Series 9, Integrated CoolDrawer™

Shown with:

AHD5RD36S Custom Door Panel - Single*
Contemporary Square Fine Handle**

* Not supplied. Custom door panels to be manufactured / fitted by cabinetmaker.
** Optional, not supplied. Custom handle can be used and adjusted to fit at any height within reason on a custom door panel.

NOTE: 15 lb (7Kg) Maximum weight custom of door panel and handle. Refer to the Purchase Decision page for all door panel and handle options, and to the Door Panel Options page for detailed panel information.

Product Dimensions	Inch	mm
(A) Overall height of custom door panel	min 25 3/16	min 640
(B) Overall width of custom door panel	min 33 7/8	min 860
(C) Overall depth of product (excluding handle and door panel)	21 15/16	557
(D) Height of chassis	25 3/16	640
(E) Width of chassis	33 11/16	855
(F) Thickness of custom door panel	5/8 - 25/32	16-20
(G) Maximum extension of drawer	20 3/4	527

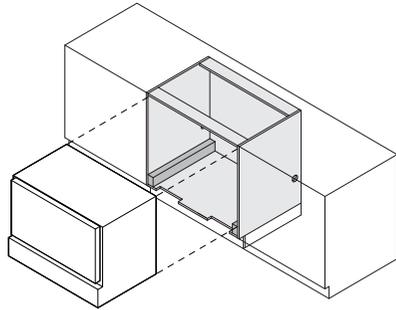
Minimum Clearances	Inch	mm
Minimum inside height of cavity	25 3/8	644
Minimum inside width of cavity	34 1/32	864
Minimum overall depth of cavity	22 1/16	560
Minimum clearance to corner cupboard	1/2	13
Minimum clearance to adjacent cupboard door	3/32	2
Minimum clearance to underside of benchtop	3/32	2

NOTE: For venting consideration for the toe kick design, please refer to the venting page and installation guide. Custom door panels, toekick and handles to be manufactured / fitted by cabinetmaker.

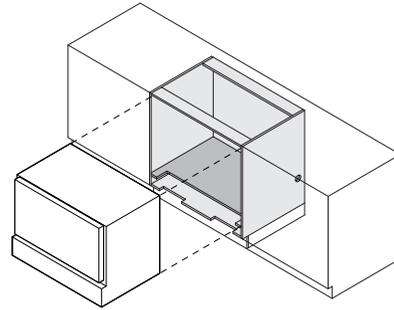
- INDICATES CABINETRY / PRODUCT DATUM
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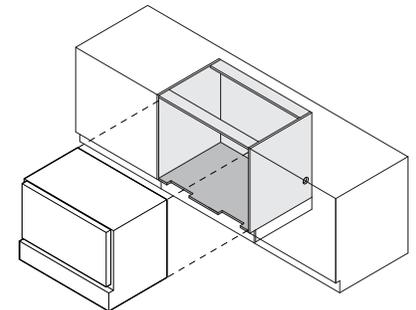
VENTING SPECIFICATIONS



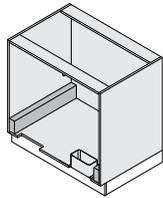
ISOMETRIC VIEW (PRODUCT AND CABINERY)



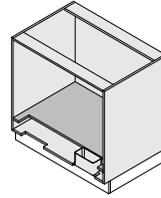
ISOMETRIC VIEW (PRODUCT AND CABINERY)



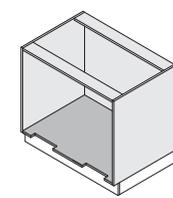
ISOMETRIC VIEW (PRODUCT AND CABINERY)



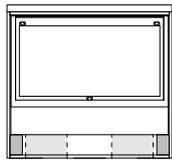
ISOMETRIC VIEW (CABINERY AND VENTING COMPONENTS)



ISOMETRIC VIEW (CABINERY AND VENTING COMPONENTS)

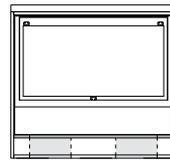


ISOMETRIC VIEW (CABINERY AND VENTING COMPONENTS)



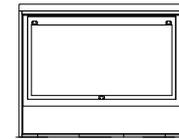
FRONT VIEW (PRODUCT AND CABINERY)

Min 1 31/32" Toekick



FRONT VIEW (PRODUCT AND CABINERY)

Min 1 31/32" Toekick



FRONT VIEW (PRODUCT AND CABINERY)

COOLDRAWER™ ON SPACERS

The CoolDrawer™ is elevated within the cabinetry, resting on a minimum of 25/32" (20mm) spacers on both sides to ensure adequate ventilation. For details on installation, please refer to the installation guide.

COOLDRAWER™ ON FIXED SHELF

The CoolDrawer™ is elevated within the cabinetry on a fixed internal shelf, which can be used as an alternative to spacers for positioning the drawer at the correct height. The shelf requires a critical rebate cut of at least 4 1/32" (102mm) in depth at the front to ensure proper clearance and ventilation. For details on installation please refer to installation guide.

COOLDRAWER™ ON BASE SHELF

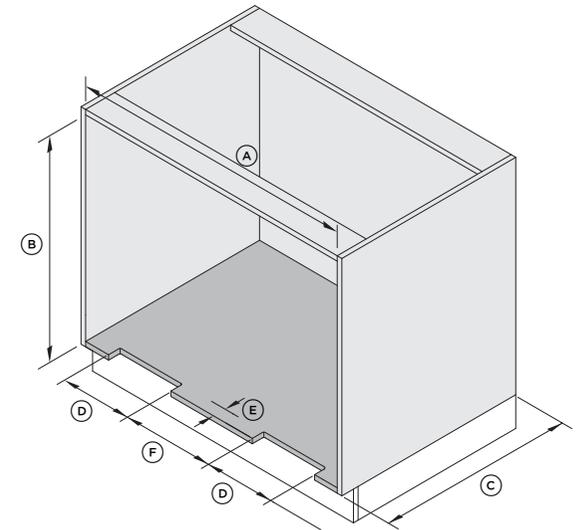
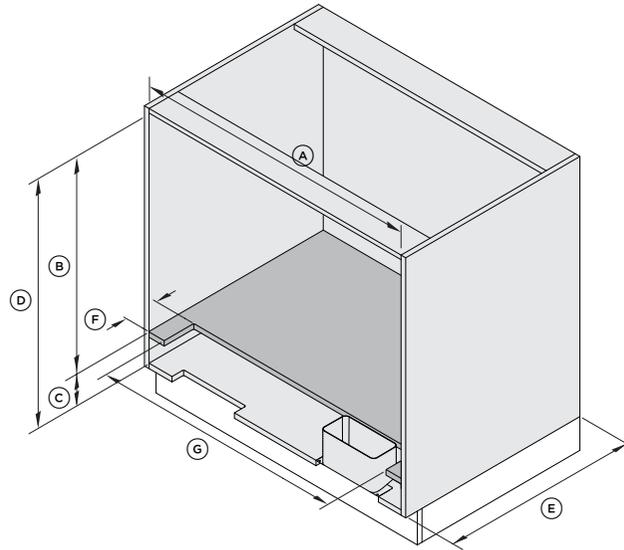
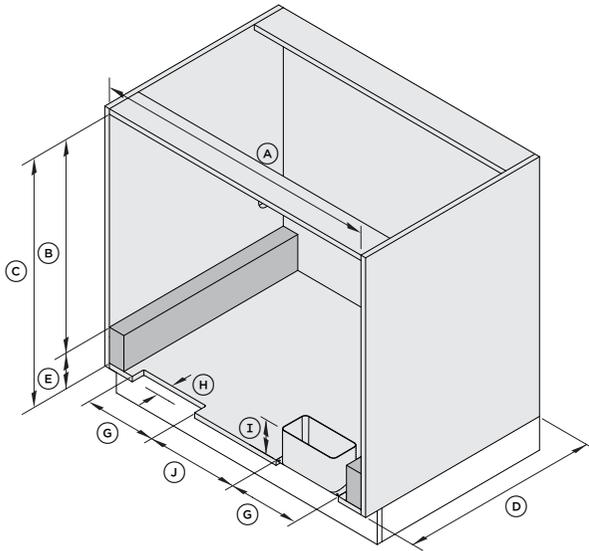
The CoolDrawer™ is placed directly on the bottom shelf without a spacer or internal shelf. This installation depends on the height of your cabinetry, which must be adjusted to accommodate the chassis and required cavity clearances. Bottom of the shelf/MDF shall be sealed to prevent moisture damage. For details on installation please refer to installation guide.

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COOLDRAWER™ ON SPACERS

COOLDRAWER™ ON FIXED SHELF

COOLDRAWER™ ON BASE SHELF



Dimensions	Inch	mm
A Width of cavity	min 34 1/32	min 864
B Height from top of spacer to inner face of cabinetry*	min 25 3/8	min 644
C Overall height of cavity	min 26 5/32	min 664
D Depth of cavity	min 22 1/16	min 560
E Height of spacer	25/32-4 23/32	20-120
F Width of spacer	1 31/32	50
G Width of vent duct cutout	8 15/32	215
H Depth of vent duct cutout	1 9/16	40
I Height of Vent duct	25/32-4 23/32	20-120
J Clearance between vent ducts cutouts	11 1/32	280

Dimensions	Inch	mm
A Width of cavity	min 34 1/32	min 864
B Height of cavity above internal shelf	min 25 3/8	min 644
C Height of internal shelf and cavity below	25/32-4 23/32	20-120
D Overall height of cavity	min 26 5/32	min 664
E Depth of cavity	min 22 1/16	min 560
F Depth of cutout at front end of internal shelf	min 4 1/32	min 102
G Width of internal shelf cutout	min 30 3/32	min 764

Dimensions	Inch	mm
A Width of cavity	min 34 1/32	min 864
B Height of cavity	min 25 3/8	min 644
C Depth of cavity	min 22 1/16	min 560
D Width of vent cutout	8 15/32	215
E Depth of vent duct cutout	1 9/16	40
F Clearance between vent ducts cutouts	11 1/32	280

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DOOR PANEL OPTIONS

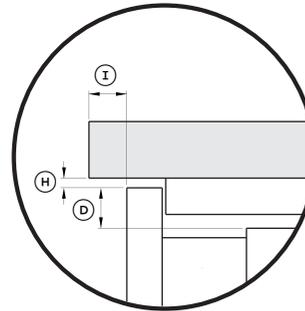
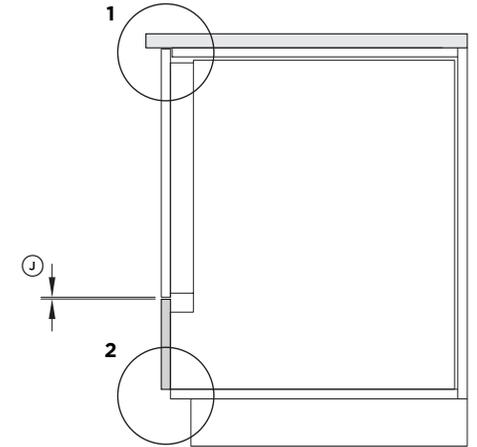
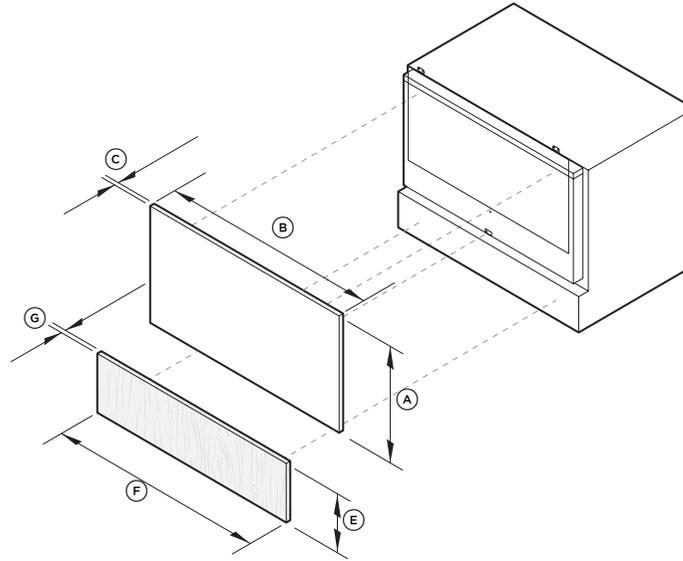
STAINLESS STEEL DOOR PANEL DIMENSIONS

Model:
Series 9 Integrated CoolDrawer™ - RB36S25MKIW N 1

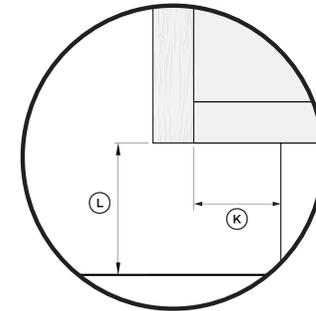
Drawer Panel Dimensions	Inch	mm
(A) Height of stainless steel door panel	18 3/4	476
(B) Width of stainless steel door panel	35 9/32	896
(C) Thickness of stainless steel door panel	3/4	19
(D) Top of chassis to top of steel door panel	19/32	15

False Panel Dimensions	Inch	mm
(E) Height of false panel	6 7/8	175
(F) Width of false panel	35 9/32	896
(G) Thickness of false panel	5/8 - 25/32	16 - 20

Clearance Dimensions	Inch	mm
(H) Clearance between top of door panel and underside of benchtop	min 3/32	min 2
(I) Clearance between front end of benchtop to front surface of door panel	max 25/32	max 20
(J) Gap between drawer panel and false panel	5/32	4
(K) Depth from front of carcass to kick panel	min 1 19/32	min 40
(L) Minimum height from bottom of custom false panel to floor	min 2	min 50



DETAIL 1: UPPER CABINETRY CLEARANCE



DETAIL 2: LOWER CABINETRY CLEARANCE

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CUSTOM DOOR PANEL - DUAL DIMENSIONS

Model:

Series 9 Integrated CoolDrawer™ - RB36S25MKIW N 1

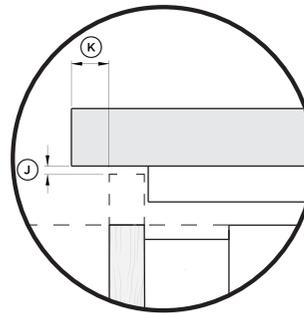
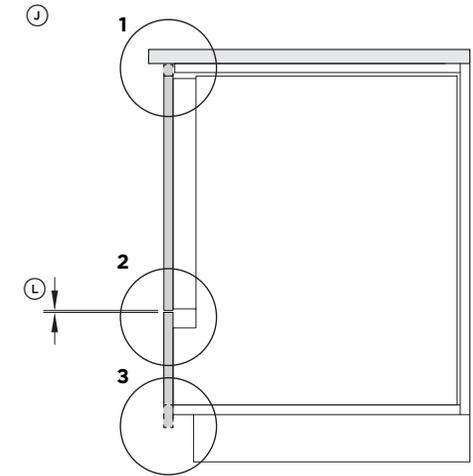
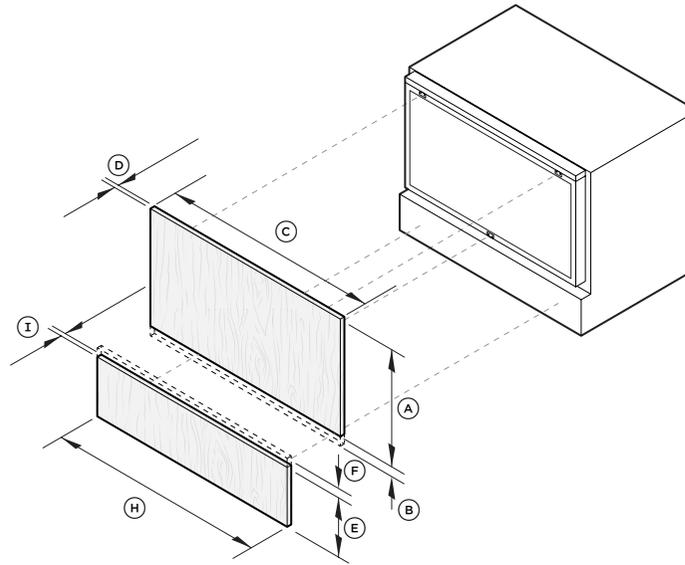
Drawer Panel Dimensions	Inch	mm
(A) Height of custom door panel**	min 17 31/32 max 19 1/8	min 456 max 486
(B) Maximum extension from minimum door panel height*	1 3/16	30
(C) Width of custom door panel	min 33 7/8	min 860
(D) Thickness of custom door panel	5/8 - 25/32	16 - 20

False Panel Dimensions	Inch	mm
(E) Height of custom false panel*	5 29/32 - 7 3/32	150 - 180
(F) Maximum extension from minimum false panel height	1 3/16	30
(G) Minimum height from bottom of inner door to bottom of custom door panel	1/8	3
(H) Width of custom false panel	min 35 9/32	min 896
(I) Thickness of custom false panel	5/8 - 25/32	16 - 20

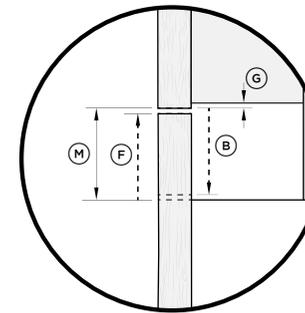
Clearance Dimensions	Inch	mm
(J) Clearance between top of door panel and underside of benchtop	min 3/32	min 2
(K) Clearance between front end of benchtop to front surface of door panel	max 25/32	max 20
(L) Gap between door panel and false panel	5/32	4
(M) Height of variable split line	1 11/32	34
(N) Depth from front of carcass to kick panel	min 1 19/32	min 40
(O) Minimum height from bottom of custom false panel to floor	min 2	min 50

*Panels can be customised to any given height in these ranges, ensuring they keep a minimum gap of 4mm between panels.

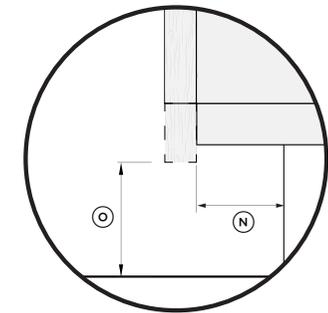
** Where top of panel aligns with top of carcass, panel can be extended upwards in addition to stated values.



DETAIL 1: UPPER CABINETRY CLEARANCE



DETAIL 2: VARIABLE SPLIT LINE



DETAIL 3: LOWER CABINETRY CLEARANCE

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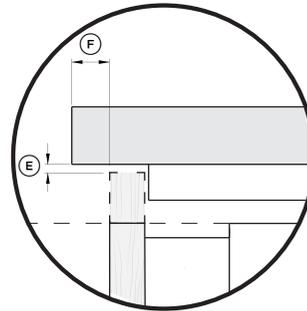
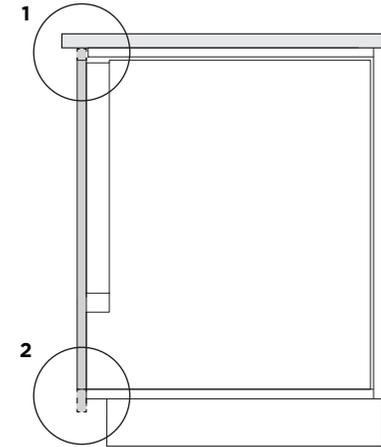
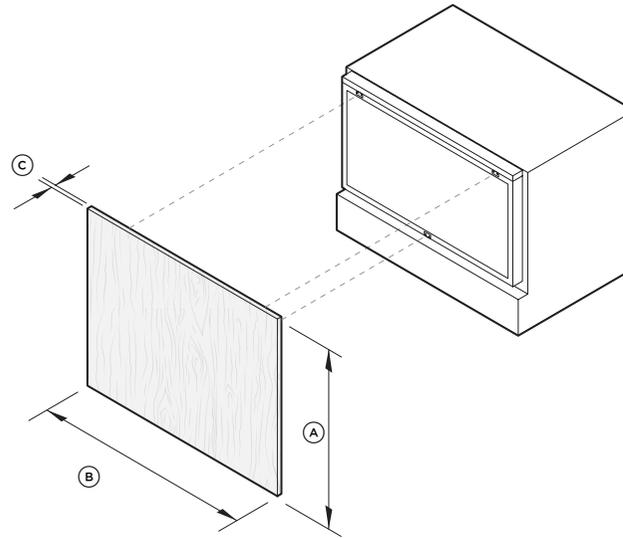
CUSTOM DOOR PANEL - SINGLE DIMENSIONS

Model:
Series 9 Integrated CoolDrawer™ - RB36S25MKIW N 1

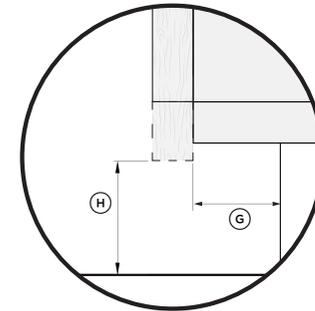
Drawer Panel Dimensions	Inch	mm
(A) Height of custom door panel*	min 25 3/16	min 640
(B) Width of custom door panel	min 33 7/8	min 860
(C) Thickness of custom door panel	5/8 - 25/32	16 - 20
(D) Top of chassis to top of custom door panel at minimum height	min 3/32	2

Clearance Dimensions	Inch	mm
(E) Clearance between top of door panel and underside of benchtop	min 3/32	min 2
(F) Clearance between front end of benchtop to front surface of door panel	max 25/32	max 20
(G) Depth from front of carcass to kick panel	min 1 19/32	min 40
(H) Minimum height from bottom of custom false panel to floor	min 2	min 50

*Where the custom door panel aligns with top and bottom of chassis, panel can be extended up and down.



DETAIL 1: UPPER CABINETRY CLEARANCE



DETAIL 2: LOWER CABINETRY CLEARANCE

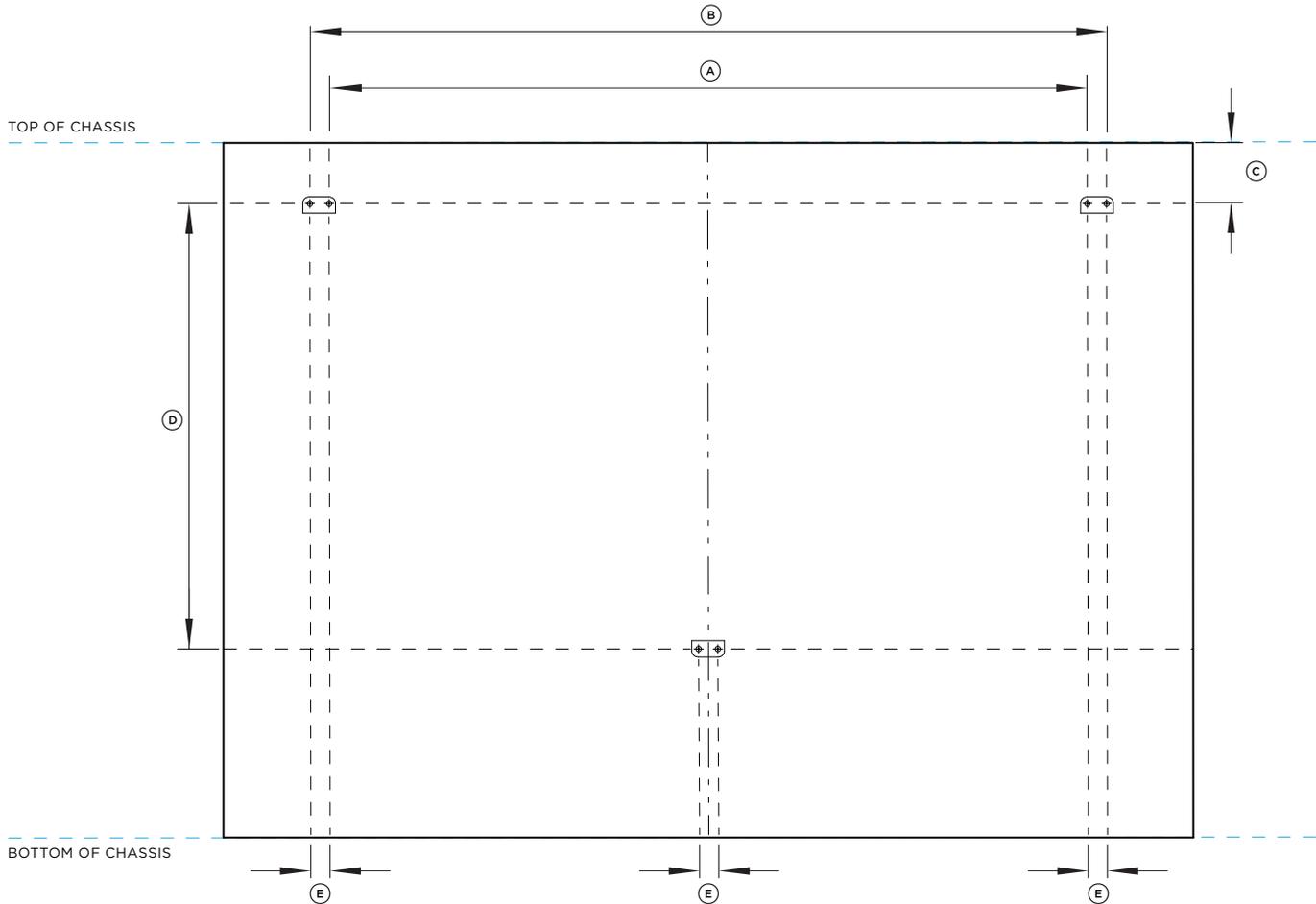
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CUSTOM DOOR PANEL PREPARATION

Custom Panel Fixing Specifications	Inch	mm
Ⓐ Distance between centre of upper internal fixings	27 15/16	710
Ⓑ Distance between centre of upper external fixings	29 3/8	746
Ⓒ Centre of upper panel fixings to top of chassis	1 1/2	38.5
Ⓓ Vertical distance between upper and lower panel fixings	16 3/32	409
Ⓔ Distance between centre of holes at fixing points	23/32	18

Note: Panel width and extensions, will vary according to your cabinet specifications.

Custom door panel and toe kicks should be manufactured and fitted by a cabinetmaker.



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SERVICES

ELECTRICAL SPECIFICATIONS

Model Number

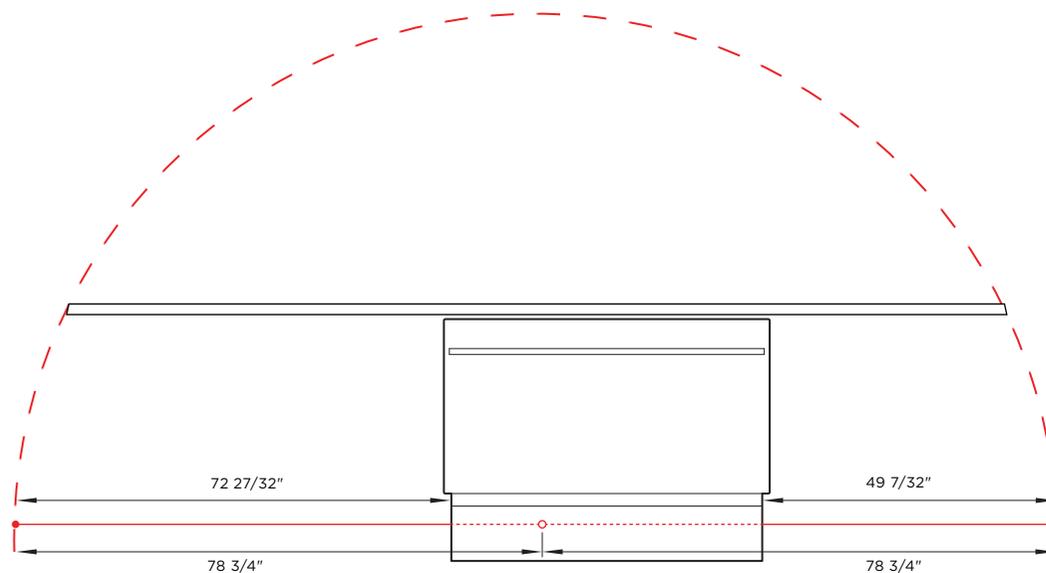
RB36S25MKIWN 1 Series 9 Integrated CoolDrawer™

Electrical

Supply	110 V, 60 Hz
Service	10 A
Connection	3-pin earthing type

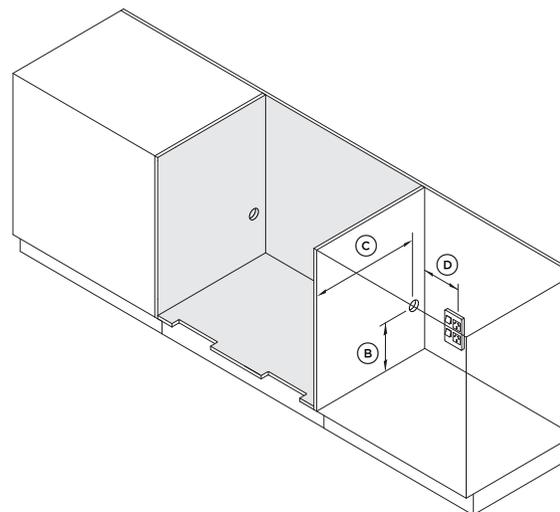
Power cord Dimensions

Overall length of power cord	78 3/4"
Length of power cord from edge of appliance chassis	Left Hand Side - 72 27/32" Right Hand Side - 49 7/32"



SUPPLY SPECIFICATIONS

Dimensions	Inch	mm
(A) Diameter of supply area cutout	Ø 2	Ø 50
(B) Distance from centre of supply area cutout to top of panel/spacer the product will be placed on	min 5 1/8	min 130
(C) Distance from front end of cabinetry frame to centre of supply area cutout	min 21 1/16	min 535
(D) Distance of supply area cutout to adjacent power outlet	max 33 15/32	max 850



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