

FISHER & PAYKEL

INDUCTION HOB, 83CM,
WITH INTEGRATED VENTILATION,
RECIRCULATED & VENTED

Details for Design Planning

CID834RDTB4 & CID834DTB4

DATA SHEET & PLANNING GUIDE

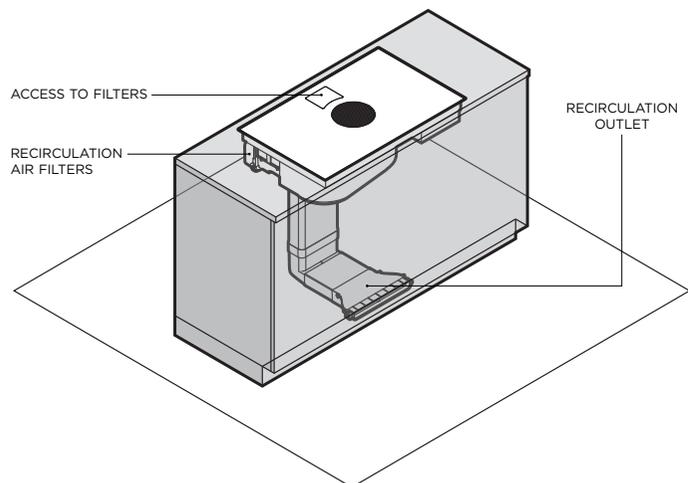
UK IE



RECIRCULATED



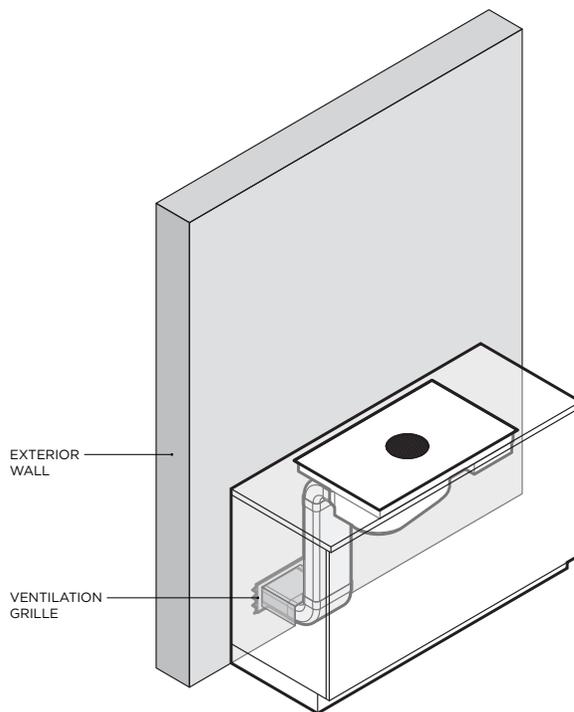
CID834RDTB4



VENTED



CID834DTB4



FISHER & PAYKEL

VENTILATION CHOICE Induction Hob, 83cm, with Integrated Ventilation

This Planning Guide outlines the venting options and cabinetry guidelines for two models of the Induction Hob, 83cm, with Integrated Ventilation.

Each model offers a different ventilation system, recirculated or vented.

Recirculated ventilation offers the advantage of fitting within cabinetry and does not require any penetration to building structures such as floors or walls. It is ideal solution for hobs situated in island benches.

Vented ventilation removes extracted air externally, but requires penetration through external building structures.

To help guide product decisions and cabinetry requirements, this document includes product and part dimensions to provide a basis for design and planning specific to individual installation requirements.

Cabinetry dimensions and construction contained in this document are a guideline only and will need to be adapted to suit specific location, cabinetry materials and construction methods.

For installation instructions please refer to the installation manual.

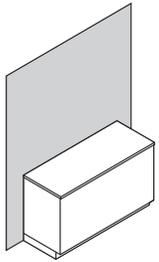
DATE: 05.07.2022

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

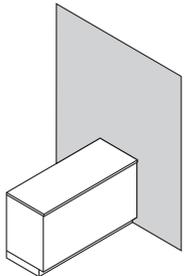
KEY PRODUCT DECISIONS

1

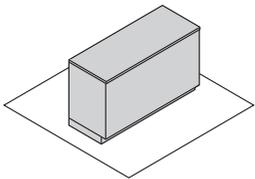
POSITION



BACK TO WALL



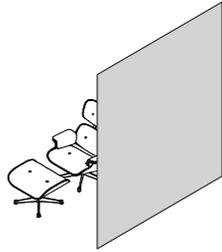
PENINSULA



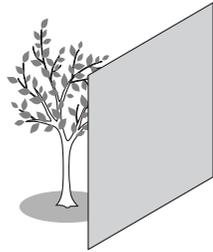
ISLAND

2

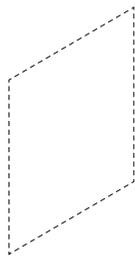
WALL



INTERNAL WALL



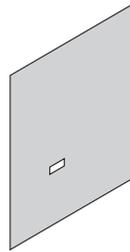
EXTERIOR WALL



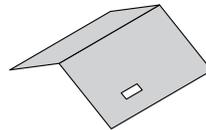
NO WALL

3

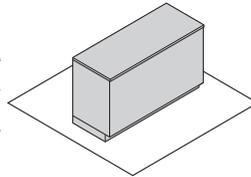
DUCTING



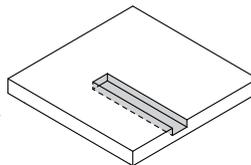
THROUGH WALL



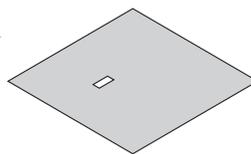
ROOF / SOFFIT



WITHIN CABINETY



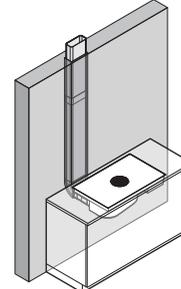
FLOOR CHANNEL



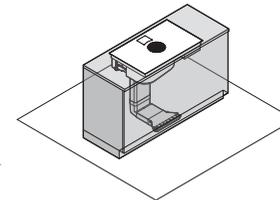
THROUGH FLOOR UNDER FLOOR / BASEMENT SPACE

4

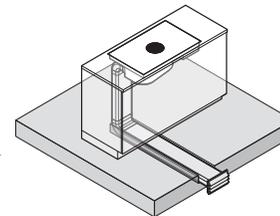
INSTALLATION



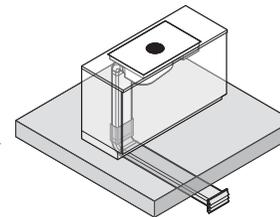
UP + VENTED



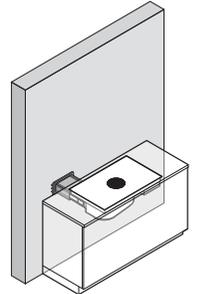
DOWN + RECIRCULATED



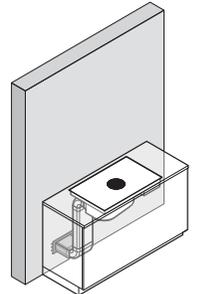
DOWN, IN + VENTED



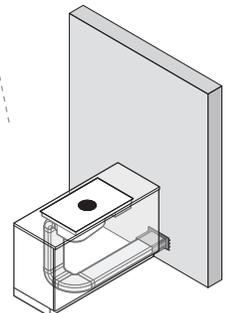
DOWN, UNDER + VENTED



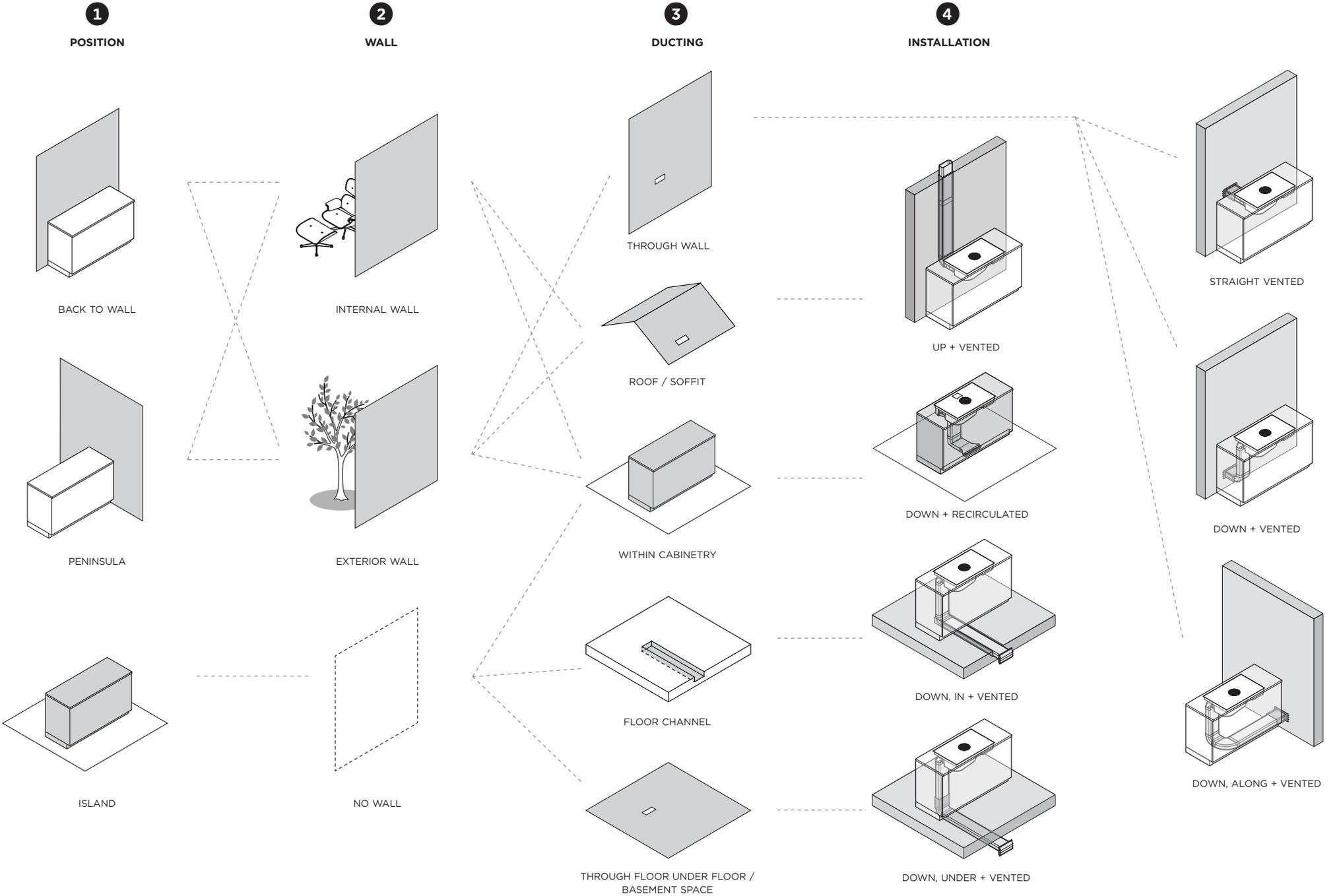
STRAIGHT VENTED



DOWN + VENTED



DOWN, ALONG + VENTED

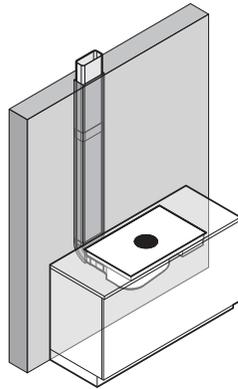


DUCTING CONSIDERATIONS

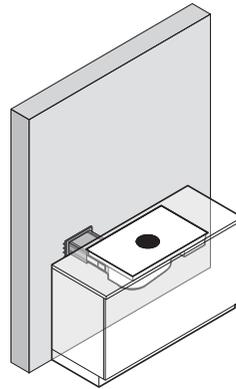
PLEASE NOTE :

These are representational illustrations of cabinetry to show ducting options and provide guideline minimum benchtop depths. Benchtop depths are driven by ducting depth requirements within the cabinetry. Refer page 'Bench Depth Overview - Duct Down' for cabinetry overview and generic cabinetry dimensions used for these examples. Benchtop dimensions should be adapted to suit requirements specific to location, materials and construction methods.

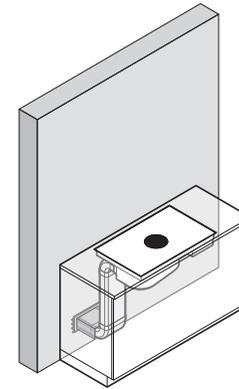
UP + VENTED



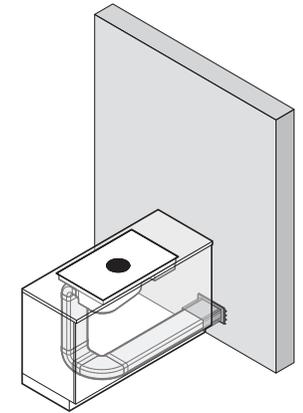
STRAIGHT VENTED



DOWN + VENTED



THRU BASE - DOWN, ALONG + VENTED



CID834DTB4 - VENTED	UP + VENTED	STRAIGHT VENTED	DOWN + VENTED	THRU BASE - DOWN, ALONG + VENTED
ADVANTAGES	<ul style="list-style-type: none"> Minimal impact on cabinetry Optimised cabinetry Full depth under bench storage No minimum kick height 	<ul style="list-style-type: none"> Minimal impact on cabinetry Optimised cabinetry Full depth under bench storage No minimum kick height 	<ul style="list-style-type: none"> No minimum kick height Height of external outlet adaptable to requirements 	<ul style="list-style-type: none"> Confined to cabinetry Discreet vent outlet height Can be routed left or right
CONSIDERATIONS	<ul style="list-style-type: none"> Decreased extraction performance due to venting upwards Space required in roof cavity to route ducting 	<ul style="list-style-type: none"> Best extraction performance of all setups Height of outlet determined by hob Visual impact of vent location 	<ul style="list-style-type: none"> 105mm deep space required down back of cabinet Reduced under bench storage depth 	<ul style="list-style-type: none"> 105mm deep space required down back of cabinet ** Reduced under bench storage depth 100mm minimum toe kick height ** Cabinetry feet may need relocating
BENCH TYPE	Back to Wall	Back to Wall	Back to Wall	Peninsula - left or right
MIN BENCH DEPTH*	600mm	600mm	600mm*	600mm*
SUPPLIED PARTS				
90° Vertical Elbow (x2)	x1		x2	x2
15° Bend (x4)				
500mm Straight Ducting	•	•		•
OPTIONAL PARTS				
1M Straight Ducting	D1-C-222-89	•	•	•
222 x 89 Connector		•		•
90° Horizontal Elbow	E90-H-222-89			•
90° Vertical Elbow	E90-V-222-89			•
Adapter	DA-219-98-150	•		•
Stainless Steel Grille	DO-G-SS	•	•	•
NON F&P PARTS	ducting and grille to suit roof cavity ducting			

* Refer page 'Bench Depth Overview - Duct Down' (Vented)

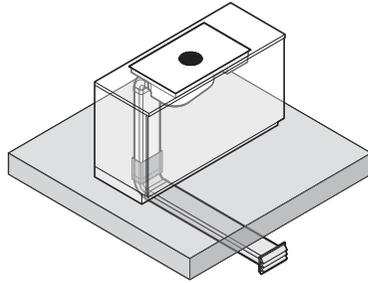
** Dimensions relational, refer page 'Rear Clearance Relationship to Kick Height' (Vented) for details

DUCTING CONSIDERATIONS continued

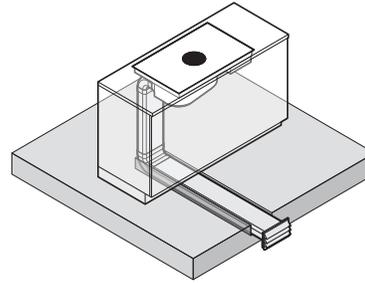
PLEASE NOTE :

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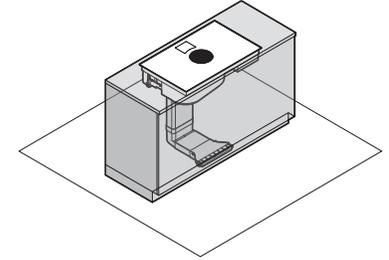
THRU FLOOR - DOWN, UNDER + VENTED



IN FLOOR - DOWN, THRU + VENTED



DOWN + RECIRCULATED



VENTED	CID834DTB4	THRU FLOOR - DOWN, UNDER + VENTED
ADVANTAGES		Multi-directional - left, right, front, back Allows for Island Bench duct out No minimum kick height
CONSIDERATIONS		105mm depth space required down back of cabinet Reduced under bench storage depth Below floor access required Any flooring type
BENCH TYPE		Island, Peninsula, Back to Wall
MIN BENCH DEPTH		600mm*
SUPPLIED PARTS		
90° Vertical Elbow (x2)		x2
15° Bend (x4)		
500mm Straight Ducting		•
OPTIONAL PARTS		
1M Straight Ducting	D1-C-222-89	• quantity dependant on length requirements
Connector 222 x 89		• quantity dependant on length requirements
90° Horizontal Elbow	E90-H-222-89	
90° Vertical Elbow	E90-V-222-89	
Adapter	DA-219-98-150	•
Stainless Steel Grille	DO-G-SS	

IN FLOOR - DOWN, THRU + VENTED		
ADVANTAGES		
Multi-directional - left, right, front, back Allows for Island Bench duct out No minimum kick height		
CONSIDERATIONS		
105mm depth space required down back of cabinet Reduced under bench storage depth Channel required in floor (DO NOT encase F&P parts in concrete) Flooring must be able to cover channel - tiles, timber		
BENCH TYPE		
Island, Peninsula, Back to Wall		
MIN BENCH DEPTH		
600mm*		
SUPPLIED PARTS		
90° Vertical Elbow (x2)		
15° Bend (x4)		
500mm Straight Ducting		
OPTIONAL PARTS		
1M Straight Ducting	D1-C-222-89	• quantity dependant on length requirements
Connector 222 x 89		• quantity dependant on length requirements
90° Horizontal Elbow	E90-H-222-89	
90° Vertical Elbow	E90-V-222-89	
Adapter	DA-219-98-150	•
Stainless Steel Grille	DO-G-SS	

RECIRCULATED	CID834RDTB4	DOWN + RECIRCULATED
ADVANTAGES		Compact - fits in 900 width cabinet Allows Island Bench installation Low 60mm minimum toe kick height Multi-directional
CONSIDERATIONS		105mm depth space required down back of cabinet Reduced under bench storage depth Filters reduce airspeed compared to duct out Recirculation outlet is at a persons foot height
BENCH TYPE		Island, Peninsula, Back to Wall
MIN BENCH DEPTH		600mm **
SUPPLIED PARTS		
Recirculation Filter Housing		•
62mm Extender Block		
500mm Straight Ducting: 222 x 89		•
90° Transition Elbow: 222 x 89 to 218 x 55		•
300mm Straight Ducting: 218 x 55		•
Recirculation Outlet		•
OPTIONAL PARTS		
1M Straight Ducting 218 x 55	D1-C-218-55	
Connector 218 x 55		
90° Horizontal Elbow	E90-218-55	

* Refer page 'Bench Depth Overview - Duct Down' (Vented)

** Dimension specific to recirculation outlet directly below hob, refer 'Recirculated Ducting Considerations' for minimum depths for alternate routing directions

RECIRCULATED

CID834RDTB4

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PLANNING GUIDE

Induction Hob, 83cm, with Integrated Ventilation, Recirculated

This Planning Guide outlines the venting options and cabinetry guidelines for the Induction Hob, 83cm, with Integrated Ventilation, Recirculated. This document includes product and part dimensions to allow design and planning specific to individual installation requirements.

Cabinetry dimensions and construction contained in this document are a guideline only and will need to be adapted to suit specific location, cabinetry materials and construction methods.

For installation instructions please refer to the installation manual.

GENERAL DUCTING CONSIDERATIONS

- Shortest ducting length with fewest bends will give best extraction performance*
- Ensure all duct components are tightly sealed together during installation to stop air loss

*Ducting length of 6m with x4 bends does not noticeably reduce extraction performance

RECIRCULATED DUCTING REQUIREMENTS

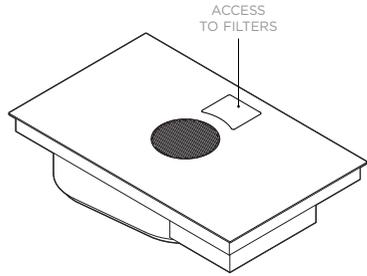
- Recirculation outlet is at a persons foot height so consider placing away from high use workspaces.



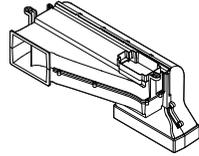
DATE: 05.07.2022

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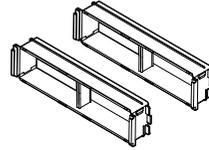
SUPPLIED COMPONENTS



DOWNDRAFT INDUCTION HOB



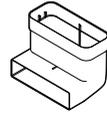
RECIRCULATION FILTER HOUSING



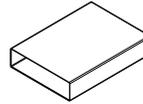
62MM EXTENDER BLOCK (x2)



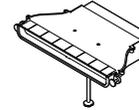
**500mm STRAIGHT DUCTING
222 x 89**



**90° TRANSITION ELBOW
222 x 89 - 218 x 55**

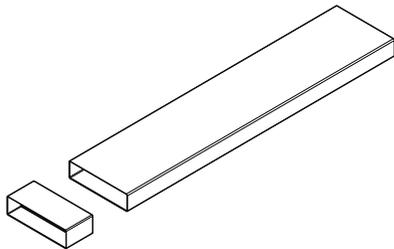


**300MM STRAIGHT DUCTING
218 x 55**

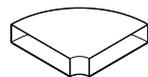


RECIRCULATION OUTLET

OPTIONAL COMPONENTS



**1M STRAIGHT DUCTING 218 x 55
+
CONNECTOR 218 x 55**



90° HORIZONTAL ELBOW

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COMPONENT OVERVIEW

Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Model no
CID834RDTB4

Supplied Components	Quantity
Downdraft Induction Hob	1
Recirculation Filter Housing	1
62mm Extender Block - optional	2
500mm Straight Ducting: 222 x 89	1
90° Transition Elbow: 222 x 89 to 218 x 55	1
300mm Straight Ducting: 218 x 55	1
Recirculation Outlet	1

Optional components can be purchased separately to expand venting options.

Optional Components	Model no.
1M Straight Ducting 218 x 55 Connector 218 x 55	D1-C-218-55
90° Horizontal Elbow	E90-218-55

DATE: **05.07.2022**

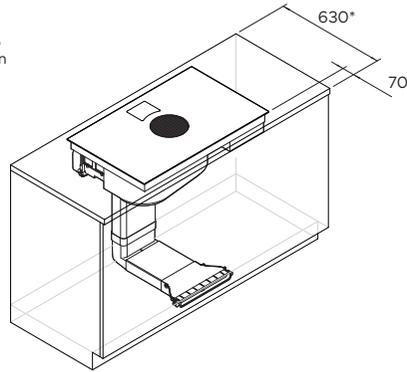
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RECIRCULATED DUCTING CONSIDERATIONS

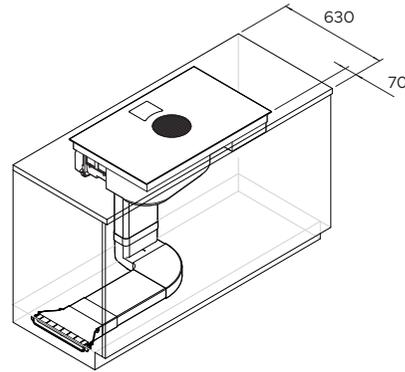
PLEASE NOTE :

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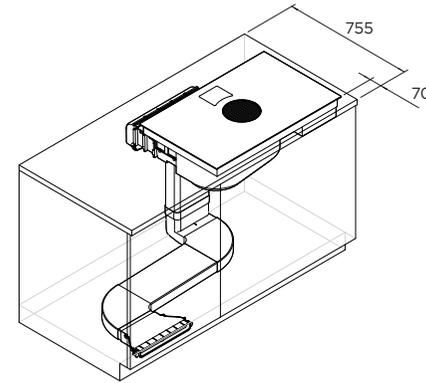
RECIRCULATION OUTLET TO FRONT



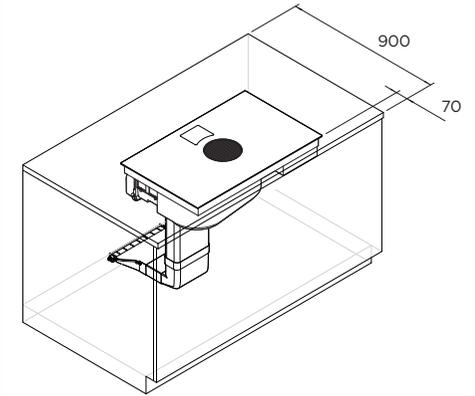
RECIRCULATION OUTLET TO SIDE



RECIRCULATION OUTLET TO FRONT, OFFSET



RECIRCULATION OUTLET TO REAR



	RECIRCULATION OUTLET TO FRONT	RECIRCULATION OUTLET TO SIDE	RECIRCULATION OUTLET TO FRONT, OFFSET	RECIRCULATION OUTLET TO REAR
CONSIDERATIONS	<ul style="list-style-type: none"> Compact - fits in 900 wide cabinet No construction allowances required outside 900 wide cabinet 65mm minimum kick height Recirculation outlet is at ankle height when using hob 	<ul style="list-style-type: none"> Can be vented to the left or right Requires kick space under neighbouring cabinets 65mm minimum kick height Venting away from a persons feet, but potentially below another workspace or on visual surface 	<ul style="list-style-type: none"> Can be vented to the left or right Requires kick space under neighbouring cabinets 65mm minimum kick height Venting away from a persons feet, but potentially below another workspace 	<ul style="list-style-type: none"> Requires deeper counter and cabinetry 65mm minimum kick height Venting away from workspace Vent outlet into dining or living spaces, potentially visible
BENCH DEPTH*	630mm** minimum	630mm** minimum	755mm minimum	900mm minimum
BENCH TYPE	Peninsula, Island, Wall	Peninsula, Island, Wall	Peninsula, Island, Wall	Peninsula, Island
SUPPLIED PARTS				
Recirculation Filter Housing	•	•	•	•
62mm Extender Block			x2	
500mm Straight Ducting 222x89	•	•	•	•
90° Transition Elbow	•	•	•	•
300mm Straight Ducting 218x55	•			•
Recirculation Outlet	•	•	•	•
OPTIONAL PARTS				
1M Straight Ducting 218 x 55	D1-C-218-55	•	•	
Connector 218 x 55		•		
90° Horizontal Elbow	E90-218-55	x1	x2	

* Minimum benchtop depths are driven by ducting depth requirements within the cabinetry. For this example 19mm back panels have been used and finished flush with the back edge of the benchtop.

** Minimum bench depth can be reduced to 600mm if distance from front of glass to front of benchtop reduced to 40mm (example distance 70mm)

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HOB DIMENSIONS WITH SUPPLIED DUCTING Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Model no:
CID834RDTB4

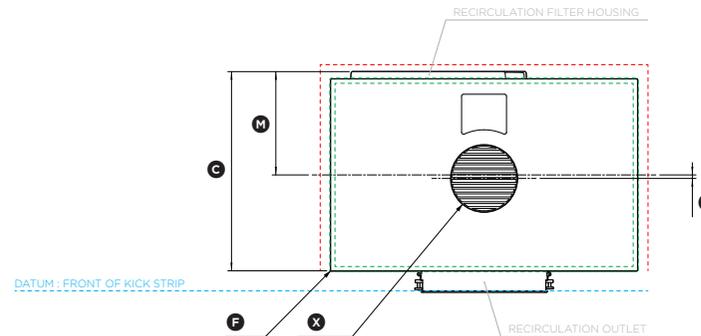
Product Dimensions	mm
Ⓐ Maximum overall height of hob and supplied ducting components (excludes foot, straight ducting can be trimmed)	904
Ⓑ Overall width of hob	830
Ⓒ Depth of hob including Recirculation Housing Filter* (excludes Recirculation Outlet)	535
Ⓓ Depth of hob glass	515
Ⓔ Height of hob glass (includes chassis flange)	5.5
Ⓕ Corner radii of glass	2
Ⓖ Height of hob (includes glass, chassis and overflow trap)	218
Ⓗ Height of chassis (includes overflow trap)	213
Ⓘ Width of chassis (excludes side clips)	799
Ⓚ Width of glass overhang at side of chassis	15
Ⓛ Depth of chassis	488
Ⓜ Depth of glass overhang at front and rear of chassis	13
Ⓝ Depth from centre of hob to rear of Recirculation Filter Housing	278
Ⓞ Maximum depth of supplied ducting components to front of kick strip (straight ducting can be trimmed)	589
Ⓟ Height from cook surface to base of Recirculation Filter Housing	297
Ⓠ Height from top of hob to power outlet	102
Ⓡ Width from centre of hob to power outlet	217
Ⓢ Height of Recirculation Outlet (excludes adjustable foot)	60
Ⓣ Maximum height of adjustable foot from top of Outlet	200
Ⓤ Width of Recirculation Outlet	375
Ⓚ Overall width of vertical ducting	234
Ⓛ Overall depth of vertical ducting	97
Ⓜ Depth from front of glass to vertical ducting*	438
Ⓝ Diameter of extractor cover	179
Ⓞ Offset of extractor forward from centre of hob	10

*Can be increased by adding 62mm Extender Block (x2 supplied). Refer subsequent pages for details.

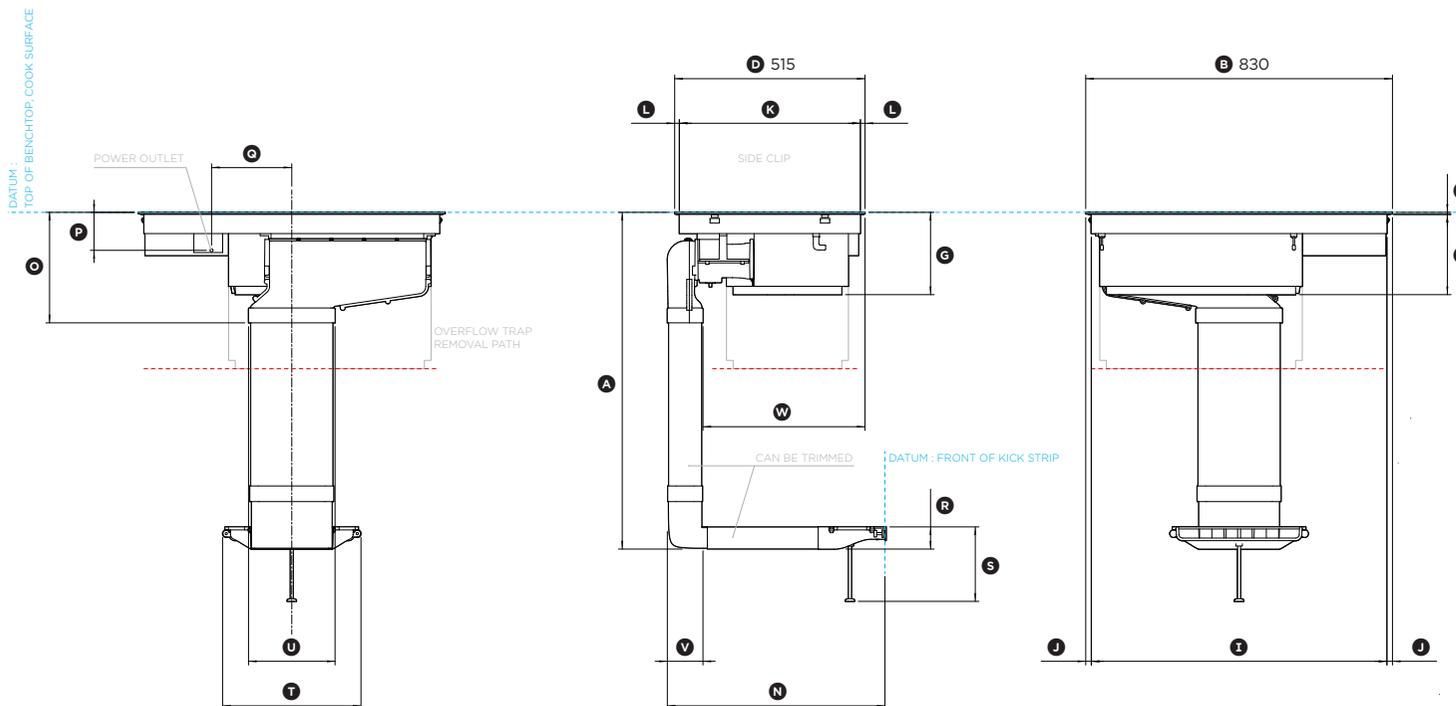
INDICATES CABINETRY -----
INDICATES CABINETRY / PRODUCT DATUM - - - - -
INDICATES CABINETRY CLEARANCES - - - - -

DATE: **05.07.2022**

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PLAN VIEW



BACK VIEW

PROFILE VIEW

FRONT VIEW

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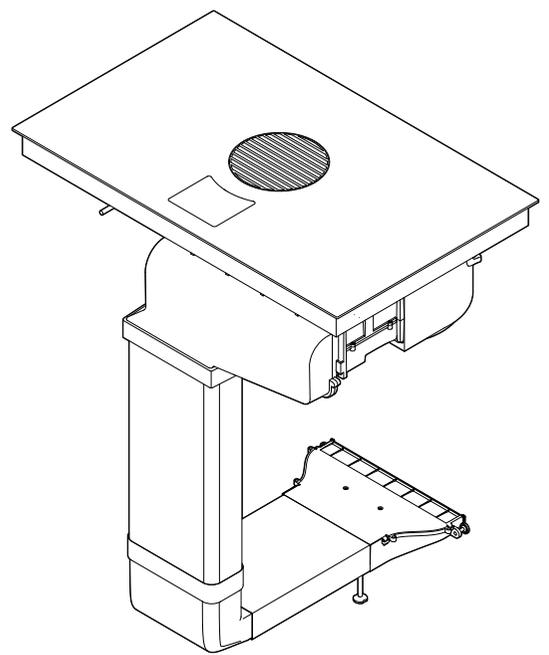
SUPPLIED COMPONENT OVERVIEW Induction Hob, 83cm, with Recirculated Ventilation, Recirculated

Model no
CID834RDTB4

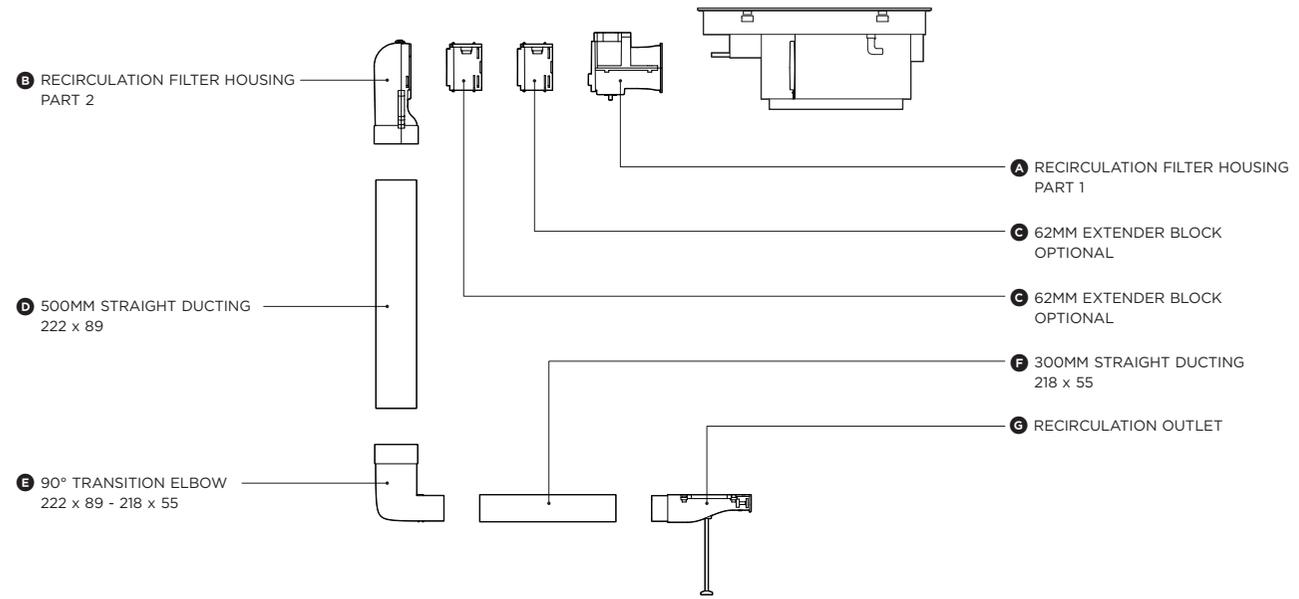
Ducting Parts Supplied	Quantity
Ⓐ Recirculation Filter Housing, part 1	1
Ⓑ Recirculation Filter Housing, part 2	1
Ⓒ 62mm Extender Block - optional	2
Ⓓ 500mm Straight Ducting: 222 x 89 *	1
Ⓔ 90° Transition Elbow: 222 x 89 to 218 x 55	1
Ⓕ 300mm Straight Ducting: 218 x 55 *	1
Ⓖ Recirculation Outlet	1

* Ducting length can be trimmed to fit cabinetry requirements.

ISOMETRIC BACK VIEW



EXPLODED PROFILE VIEW



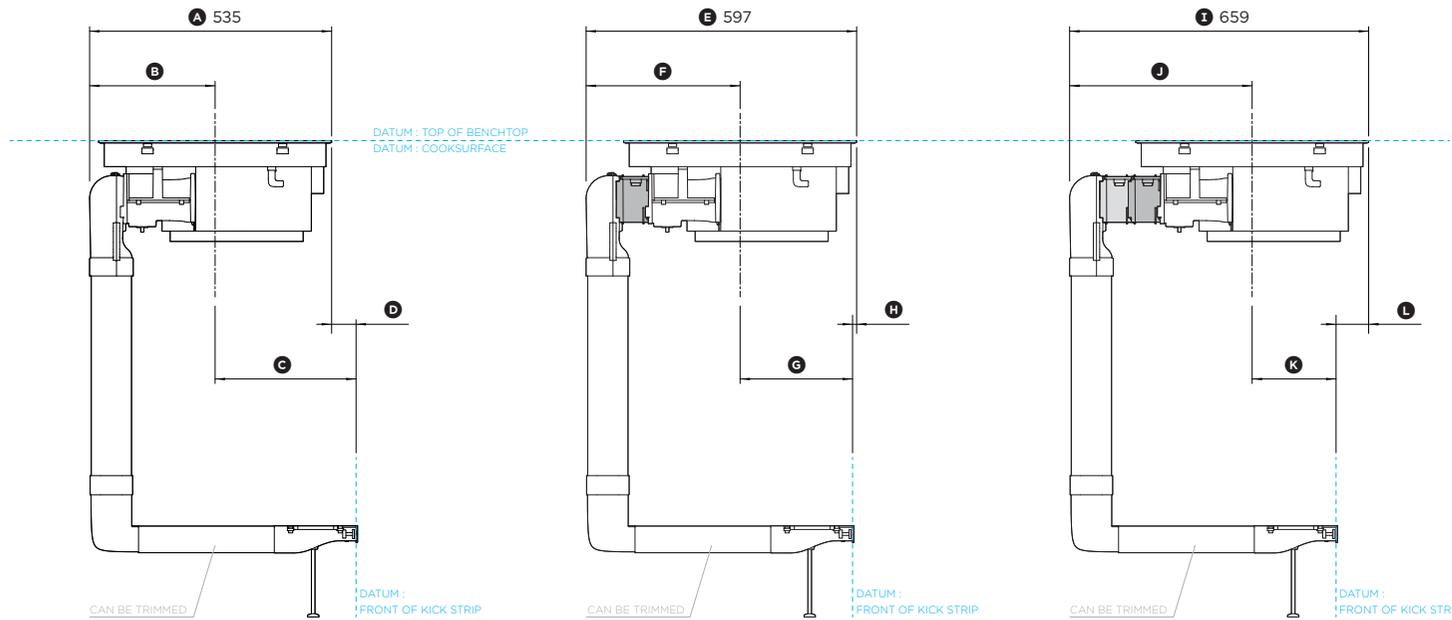
DATE: **05.07.2022**

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

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SUPPLIED COMPONENTS WITH EXTENDER BLOCKS Induction Hob, 83cm, with Recirculated Ventilation, Recirculated

Model no
CID834RDTB4



PROFILE VIEW

Without Extender Block

PROFILE VIEW

x1 Extender Block

PROFILE VIEW

x2 Extender Block

Assembly without optional Extender Block	Quantity
Ⓐ Depth from front of glass to rear of ducting	535
Ⓑ Depth from center of hob to rear of ducting	278
Ⓒ Depth from center of hob to rear of Recirculation Outlet flange*	312
Ⓓ Distance from front of glass to rear of Recirculation Outlet flange*	54

Assembly with x1 62mm Extender Block	Quantity
Ⓔ Depth from front of glass to rear of ducting	597
Ⓕ Depth from center of hob to rear of ducting	340
Ⓖ Depth from center of hob to rear of Recirculation Outlet flange*	250
Ⓗ Distance from front of glass to rear of Recirculation Outlet flange**	-8

Assembly with x2 62mm Extender Block	Quantity
Ⓙ Depth from front of glass to rear of ducting	659
Ⓚ Depth from center of hob to rear of ducting	402
Ⓛ Depth from center of hob to rear of Recirculation Outlet flange*	188
Ⓜ Distance from front of glass to rear of Recirculation Outlet flange**	-70

*Maximum distance with supplied ducting. Can be reduced by trimming horizontal ducting.

**Minimum distance with supplied ducting. Can be increased by trimming horizontal ducting.

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

DATE: **05.07.2022**

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HOB CLEARANCES Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Model no:
CID834RDTB4

Product Clearances	mm
Ⓐ Minimum clearance from nearest combustable surface to - side edge of cutout - side edge of glass	40 30
Ⓑ Minimum clearance from nearest combustable surface to - rear edge of cutout - rear edge of glass - front edge of glass	50 39 554
Ⓒ Minimum clearance from top of cook surface to non combustable surface directly above hob	500
Ⓓ Minimum clearance from top of cook surface to combustable surface directly above hob	650
Ⓔ Maximum depth of overhead cabinetry	330
Ⓕ Minimum clearance below cook surface to top of any appliance or obstruction below hob (required for cleaning access)	421
Ⓖ Rear ducting clearance from - rear edge of cutout* - front edge of glass*	36/98/160 540/602/664
Ⓗ Front ducting clearance from - rear ducting clearance - front edge of glass*	105 435/497/559
Ⓘ Minimum kick cavity height	65

* Can be increased by using 62mm extender blocks (x2 supplied). Refer to 'Supplied Ducting with Extender Block' page for further details.

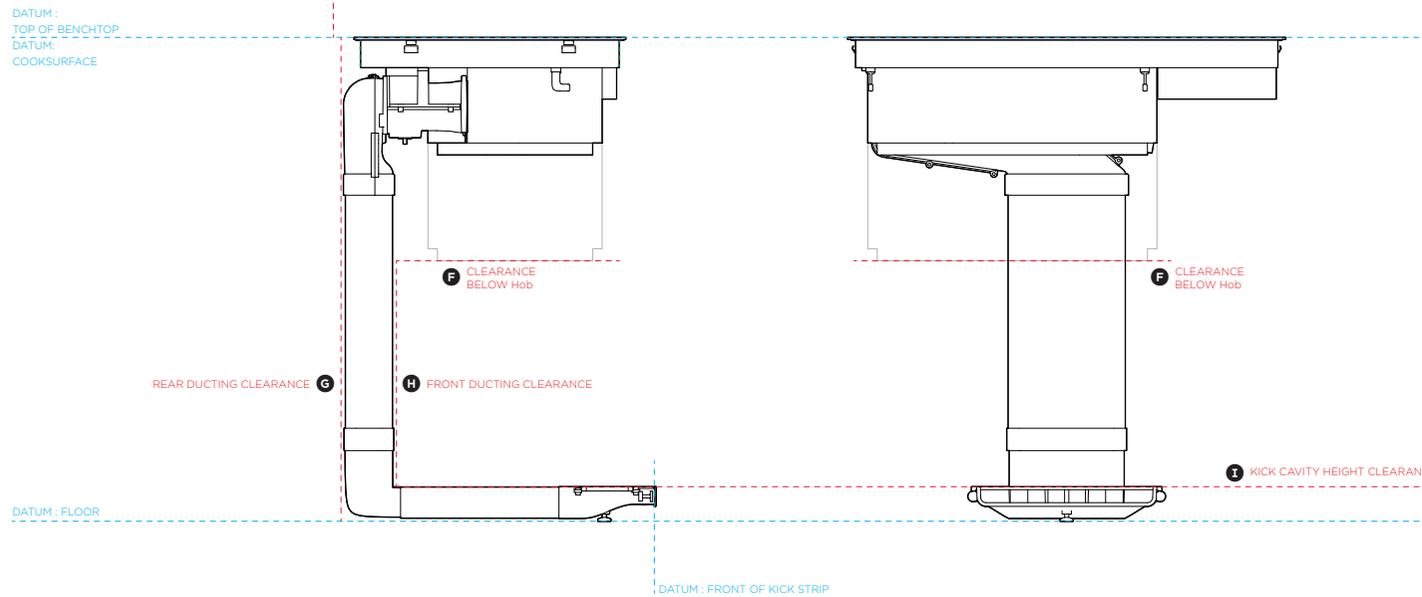
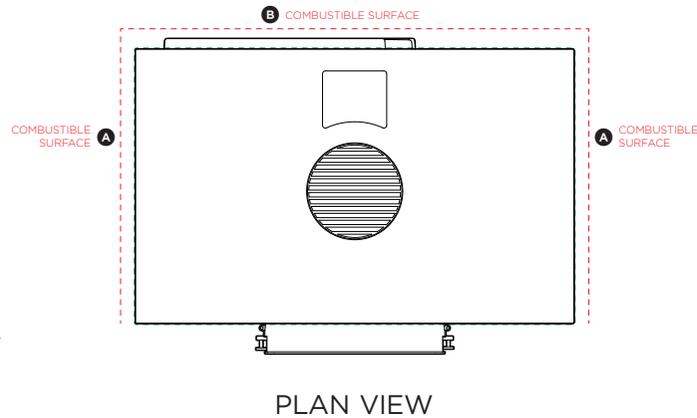
** Dimensions - no extender block / x1 extender block / x2 extender block

Ventilation Requirements	cm ²
Minimum ventilation gap at front of hob	42cm ²
Minimum ventilation gap at rear of hob	40cm ²

INDICATES CABINERY -----
INDICATES CABINERY / PRODUCT DATUM - - - - -
INDICATES CABINERY CLEARANCES - - - - -

DATE: **05.07.2022**

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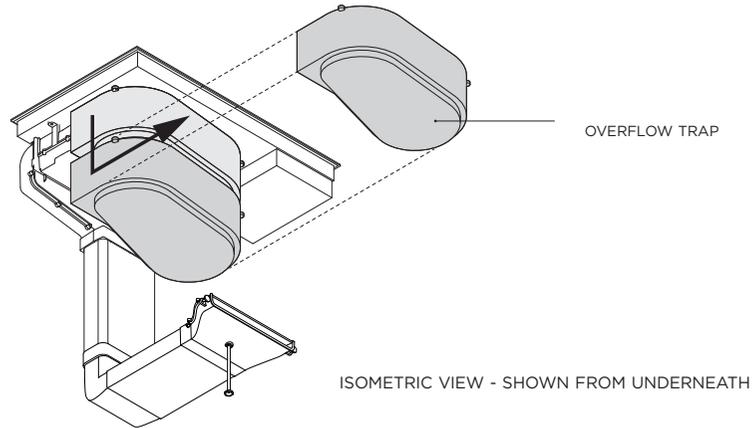


PROFILE VIEW

FRONT VIEW

ISOMETRIC VIEW OF OVERFLOW TRAP REMOVAL

The overflow trap is located below the hob chassis. To allow cleaning, the overflow trap is required to be disconnected and removed.



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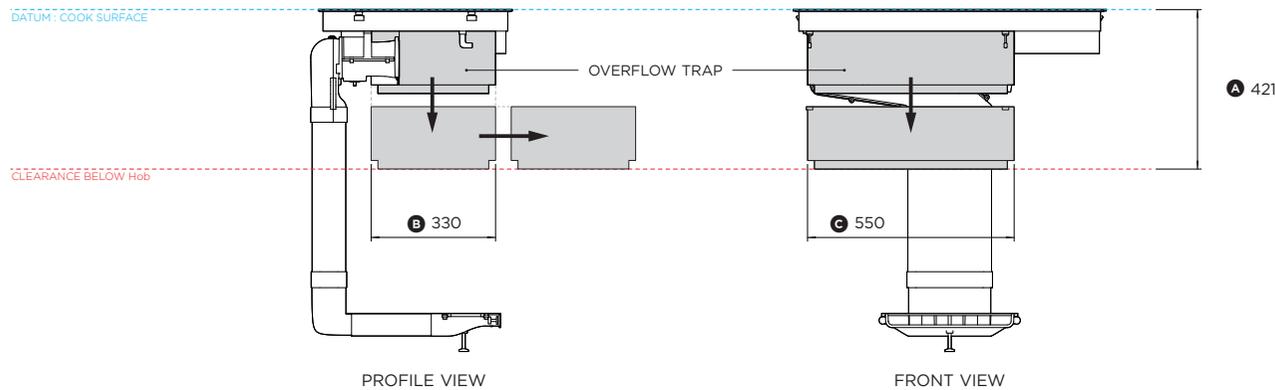
OVERFLOW TRAP ACCESS Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Model no:
CID834RDTB4

The overflow trap is located below the hob chassis. To allow cleaning, the overflow trap is required to be disconnected and removed from cabinetry. Cabinetry needs to provide sufficient clearance space to allow ease of access, removal and replacement of the overflow trap.

Cabinetry shown on this page is to provide a guideline only and will need to be adapted to suit design requirements, specific location, cabinetry materials and construction methods.

MOTION OF OVERFLOW TRAP REMOVAL

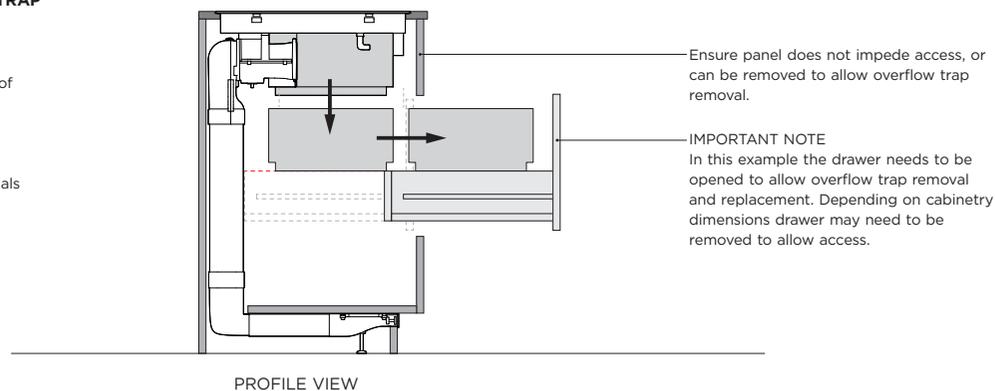


Overflow Trap Specifications	mm
Ⓐ Minimum clearance below cook surface to top of any appliance or obstruction below hob to allow removal of overflow trap for cleaning	421
Ⓑ Depth of overflow trap	330
Ⓒ Width of overflow trap	550

CABINERY EXAMPLE FOR OVERFLOW TRAP REMOVAL

Cabinetry needs to provide sufficient space to allow ease of access, removal and replacement of the overflow trap.

Cabinetry depicted is to provide an example only and will need to be adapted to suit design requirements, specific location, cabinetry materials and construction methods.



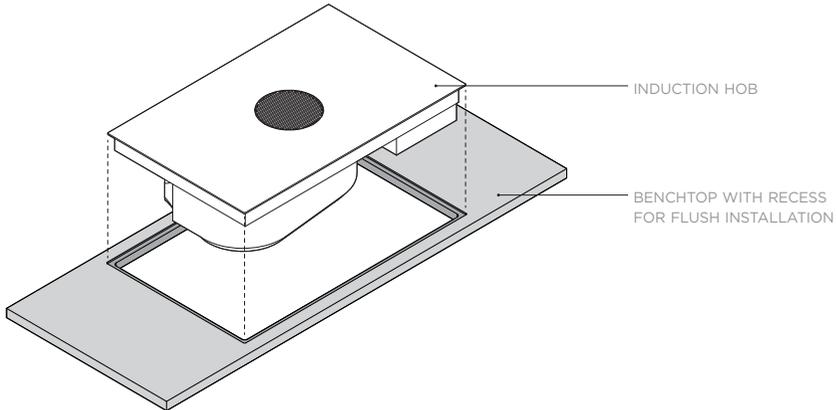
INDICATES CABINERY / PRODUCT DATUM -----
INDICATES CABINERY CLEARANCES - - - - -

DATE: **05.07.2022**

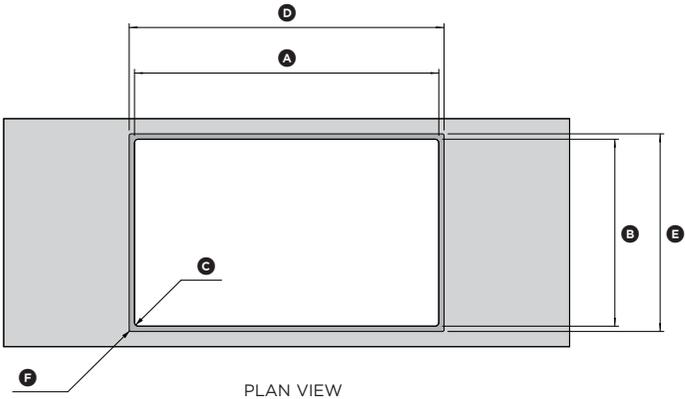
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BENCHTOP CUTOUT DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated



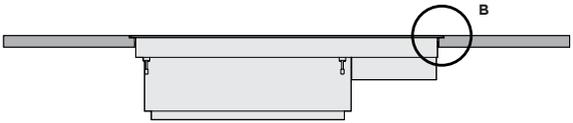
ISOMETRIC EXPLODED VIEW



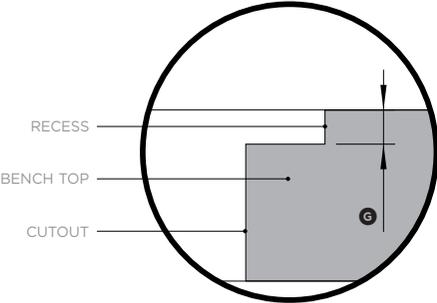
PLAN VIEW



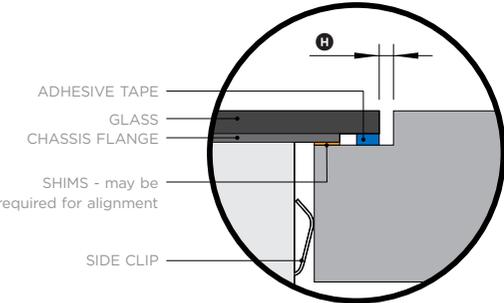
FRONT VIEW - CROSS SECTION



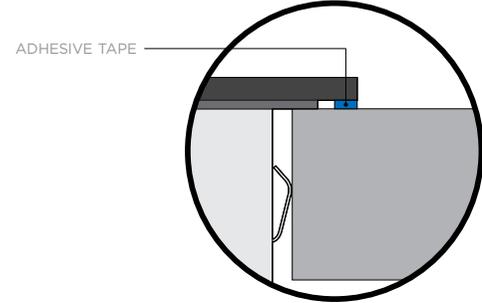
FRONT VIEW with Hob



DETAIL A
FRONT VIEW - CROSS SECTION
Bench top without hob,
recess for flush installation



DETAIL B
FRONT VIEW
Bench top with hob,
flush installation



DETAIL - SUPPLEMENTARY
FRONT VIEW
Bench top with hob,
proud installation

Model no:
CID834RDTB4

The hob can be installed flush or proud in the benchtop. Both installation scenarios require a cutout to accommodate the hob chassis. To achieve a flush finish between glass and benchtop a recess is required.

Cutout Dimensions	mm
Ⓐ Overall width of cutout	807
Ⓑ Overall depth of cutout	492
Ⓒ Maximum corner radii of cutout	10

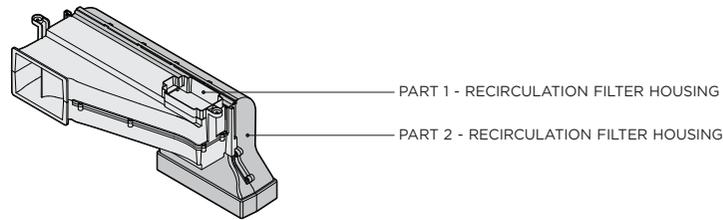
Recess Dimensions for Flush Installation	mm
Ⓓ Overall width of recess	835
Ⓔ Overall depth of recess	520
Ⓕ Corner radii of recess	4.5
Ⓖ Overall height of recess (shims may be required during install)	6
Ⓙ Distance between edge of recess and edge of glass	2.5

DATE: 05.07.2022

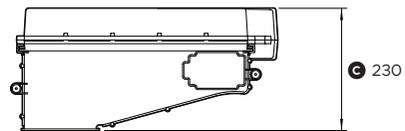
IMPORTANT NOTE: Throughout this guide, dimensions may vary by $\pm 2\text{mm}$ (1/16"). Please read the installation manual for detailed information on installing the product. For full installation instructions & specifications visit fisherpaykel.com

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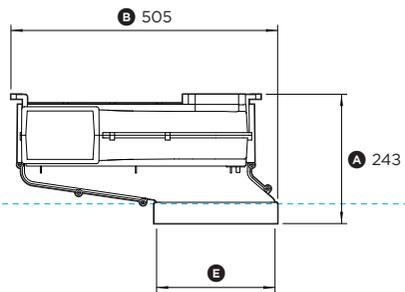
SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated



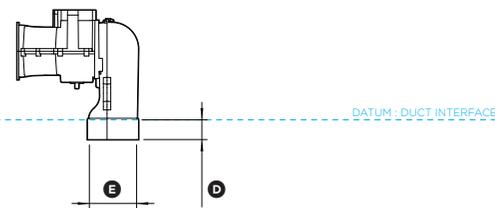
ISO FRONT VIEW
RECIRCULATION FILTER HOUSING



PLAN VIEW



FRONT VIEW



PROFILE VIEW

Supplied Part:

Recirculation Filter Housing (x1)

Product Dimensions	mm
Ⓐ Overall height of housing	243
Ⓑ Overall width of housing	505
Ⓒ Overall depth of housing	230
Ⓓ Internal height of female outlet	37
Ⓔ Internal width of female outlet	224
Ⓕ Internal depth of female outlet	90

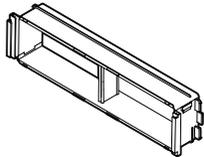
INDICATES DUCT DATUM -----

DATE: **05.07.2022**

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SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated



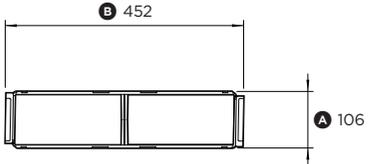
ISO FRONT VIEW
62MM EXTENDER BLOCK

Supplied Part:
62mm Extender Block (x2)

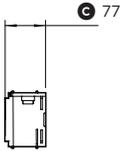
Product Dimensions	mm
Ⓐ Overall height of block	106
Ⓑ Overall width of block	452
Ⓒ Overall depth of block	77
Ⓓ Depth between connection flanges	62



PLAN VIEW



FRONT VIEW

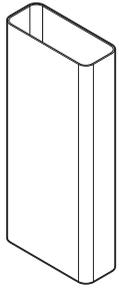


PROFILE VIEW

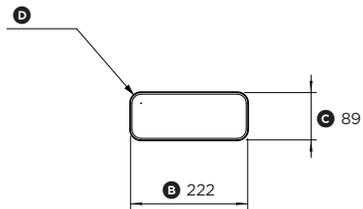
INDICATES DUCT DATUM -----

DATE: 05.07.2022

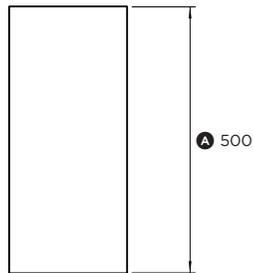
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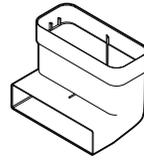
ISO FRONT VIEW
500MM STRAIGHT DUCTING
222 x 89



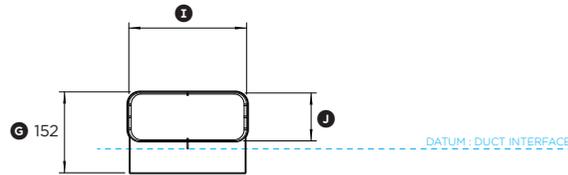
PLAN VIEW



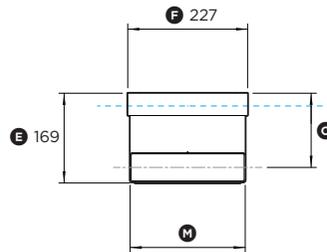
FRONT VIEW



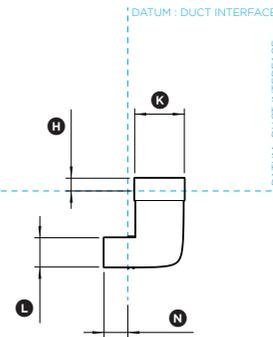
ISO FRONT VIEW
90° TRANSITION ELBOW
222 x 89 - 218 x 55



PLAN VIEW



FRONT VIEW



PROFILE VIEW

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SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Supplied Part:
500mm Straight Ducting: 222 x 89 (x1)

Product Dimensions	mm
Ⓐ Overall height of male ducting	500
Ⓑ Overall width of male ducting	222
Ⓒ Overall depth of male ducting	89
Ⓓ Corner radii of ducting	20

Supplied Part:
90° Transition Elbow: 222 x 89 - 218 x 55 (x1)

Product Dimensions	mm
Ⓔ Overall height of elbow	169
Ⓕ Overall width of elbow	227
Ⓖ Overall depth of elbow	152
Ⓙ Internal height to duct interface of female duct end	24
Ⓚ Internal width of female duct end	223
Ⓛ Internal depth of female duct end	90
Ⓜ External depth of female duct end	94
Ⓝ External height of male duct end	55
Ⓞ External width of male duct end	218
Ⓟ Depth of locators on male duct end	45
Ⓠ Height from centre of male duct end to top of elbow	140

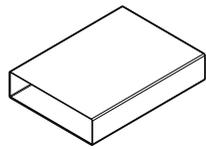
INDICATES DUCT DATUM -----
INDICATES CENTRE LINE - - - - -

DATE: 05.07.2022

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SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated

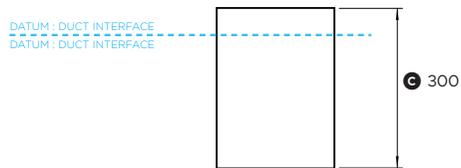


ISO FRONT VIEW
300MM STRAIGHT DUCTING

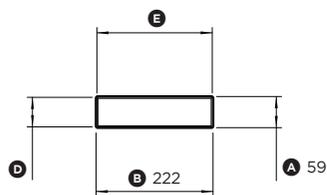
Supplied Part:

300mm Straight Ducting: 218 x 55 (x1)

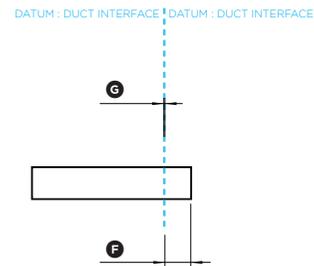
Product Dimensions	mm
Ⓐ Overall height of female ducting	59
Ⓑ Overall width of female ducting	222
Ⓒ Overall length of female ducting	300
Ⓓ Internal height of female duct ends	56
Ⓔ Internal width of female duct ends	219
Ⓕ Depth to internal divider (duct interface)	49
Ⓖ Thickness of internal divider	2



PLAN VIEW



FRONT VIEW



PROFILE VIEW

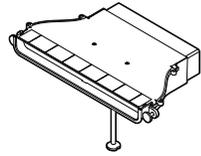
INDICATES DUCT DATUM -----

DATE: **05.07.2022**

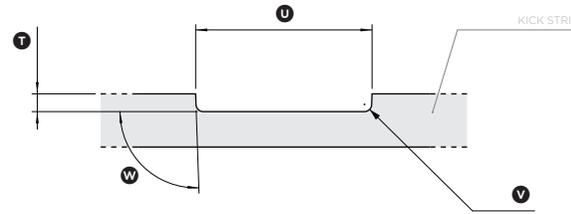
IMPORTANT NOTE: Throughout this guide, dimensions may vary by $\pm 2\text{mm}$ (1/16"). Please read the installation manual for detailed information on installing the product. For full installation instructions & specifications visit fisherpaykel.com

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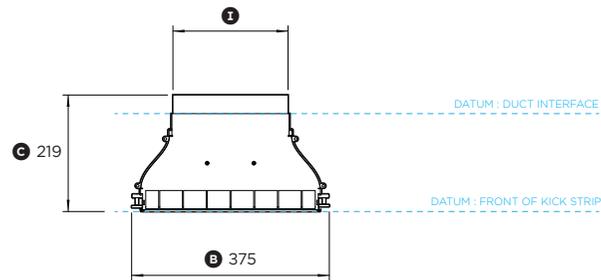
SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated



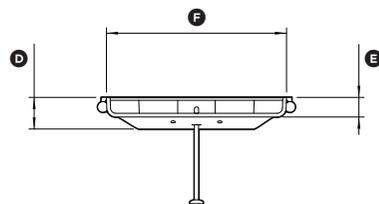
ISO FRONT VIEW
RECIRCULATION OUTLET



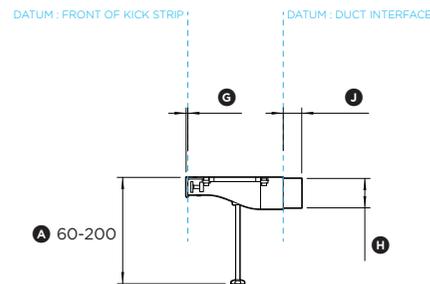
FRONT VIEW
CABINERY CUTOUT



PLAN VIEW



FRONT VIEW



PROFILE VIEW

Supplied Part:
Recirculation Outlet (x1)

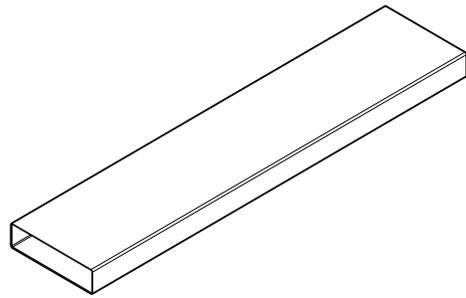
Product Dimensions	mm
Ⓐ Overall height of outlet (including adjustable foot)	60 - 200
Ⓑ Overall width of outlet	375
Ⓒ Overall length of outlet	219
Ⓓ Height of outlet box (excluding adjustable foot)	60
Ⓔ Height of outlet flange	37
Ⓕ Width of outlet flange	341
Ⓖ Thickness of outlet flange	3
Ⓙ Height of male inlet	55
Ⓚ Width of male inlet	218
Ⓛ Length of male inlet	35

Cabinetry Cutout Dimensions	mm
Ⓛ Height of cutout	34
Ⓜ Width of cutout	334
Ⓝ Corner radii of cutout	13
Ⓞ Angle of sides	92°

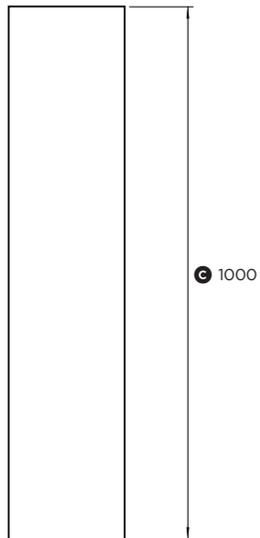
INDICATES CABINERY OR DUCT DATUM -----

DATE: 05.07.2022

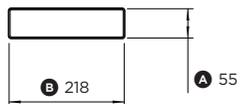
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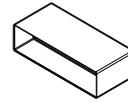
ISO FRONT VIEW
1M STRAIGHT DUCTING 218 X 55



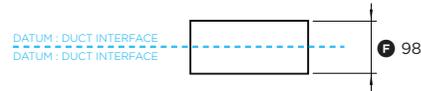
PLAN VIEW



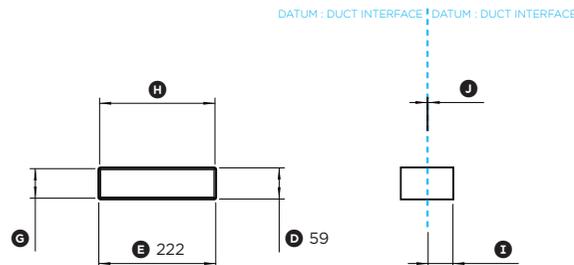
FRONT VIEW



ISO FRONT VIEW
218 X 55 CONNECTOR



PLAN VIEW



FRONT VIEW

PROFILE VIEW

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OPTIONAL DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Part no: D1-C-218-55

- 1M Straight Ducting 218 x 55 (x1)
- 218 x 55 Connector (x1)

Product Dimensions	mm
1M Straight Ducting 218 x 55	
Ⓐ Overall height of male ducting	55
Ⓑ Overall width of male ducting	218
Ⓒ Overall length of male ducting	1000
218 x 55 Connector	
Ⓓ Overall height of connector	59
Ⓔ Overall width of connector	222
Ⓕ Overall depth of connector	98
Ⓖ Internal height of female ends	56
Ⓗ Internal width of female ends	219
Ⓘ Depth to internal divider (duct interface)	47
Ⓣ Thickness of divider	2

INDICATES CABINETRY OR DUCT DATUM -----

DATE: 05.07.2022

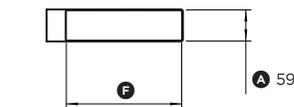
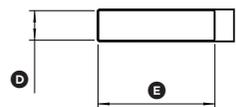
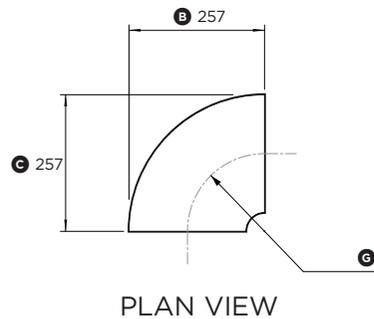
IMPORTANT NOTE: Throughout this guide, dimensions may vary by $\pm 2\text{mm}$ (1/16"). Please read the installation manual for detailed information on installing the product. For full installation instructions & specifications visit fisherpaykel.com

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OPTIONAL DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Recirculated

Part no: E90-218-55

- 90° Horizontal Elbow



Product Dimensions	mm
Ⓐ Overall height of elbow	59
Ⓑ Overall width of elbow	257
Ⓒ Overall depth of elbow	257
Ⓓ Internal height of female ends	56
Ⓔ External width of female ends	222
Ⓕ Internal width of female ends	219
Ⓖ Center radius of elbow	146

INDICATES CENTRE LINE - - - - -

DATE: 05.07.2022

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

VENTED

CID834DTB4

FISHER & PAYKEL

PLANNING GUIDE

Induction Hob, 83cm, with Integrated Ventilation, Vented

This Planning Guide outlines the venting options and cabinetry guidelines for the Induction Hob, 83cm, with Integrated Ventilation, Vented. This document includes product and part dimensions to allow design and planning specific to individual installation requirements.

Cabinetry dimensions and construction contained in this document are a guideline only and will need to be adapted to suit specific location, cabinetry materials and construction methods.

For installation instructions please refer to the installation manual.

GENERAL DUCTING CONSIDERATIONS

- Shortest ducting length with fewest bends will give best extraction performance*
- Ducting down is more efficient than ducting up
- Ensure all duct components are tightly sealed together during installation to stop air loss

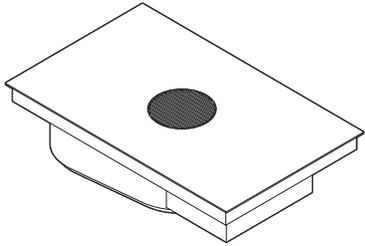
*Ducting length of 6m with x4 bends does not noticeably reduce extraction performance



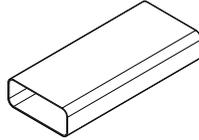
DATE: 05.07.2022

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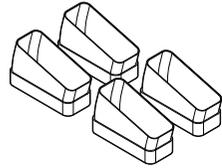
SUPPLIED COMPONENTS



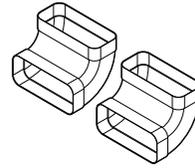
DOWNDRAFT INDUCTION HOB



500MM STRAIGHT DUCTING 222 x 89

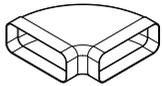


15° BEND (x4)

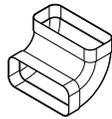


90° VERTICAL ELBOW (x2)

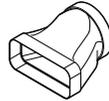
OPTIONAL ACCESSORIES



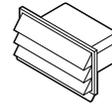
90° HORIZONTAL ELBOW



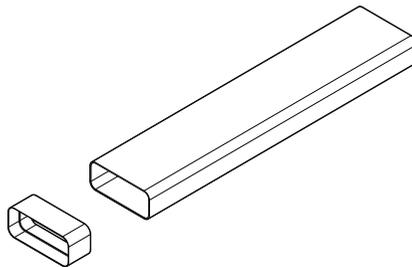
90° VERTICAL ELBOW



ADAPTER



STAINLESS STEEL GRILLE



**1M STRAIGHT DUCTING 222 x 89
+
CONNECTOR 222 x 89**

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COMPONENT OVERVIEW

Induction Hob, 83cm, with Integrated Ventilation, Vented

Model no:
CID834DTB4

Supplied Components	Quantity
Downdraft Induction Hob	1
500mm Straight Ducting	1
15° Bend	4
90° Vertical Elbow	2

Optional accessory kits can be purchased separately to expand venting options.

Optional Accessories	Model no
1m Straight Ducting 222 x 89	D1-C-222-89
Connector 222 x 89	
90° Horizontal Elbow	E90-H-222-89
90° Vertical Elbow	E90-V-222-89
Adapter	DA-219-98-150
Stainless Steel Grille	DO-G-SS

**IMPORTANT NOTE:
DO NOT ENCASE DUCTING COMPONENTS IN CONCRETE**

DATE: **05.07.2022**

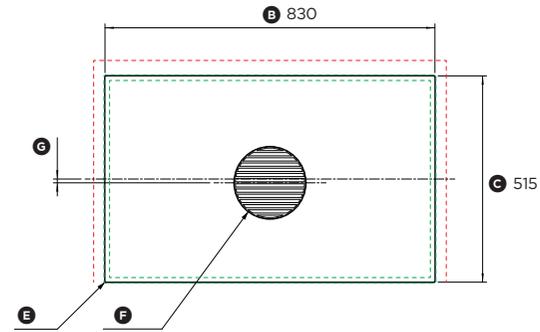
IMPORTANT NOTE: Throughout this guide, dimensions may vary by $\pm 2\text{mm}$ (1/16"). Please read the installation manual for detailed information on installing the product. For full installation instructions & specifications visit fisherpaykel.com

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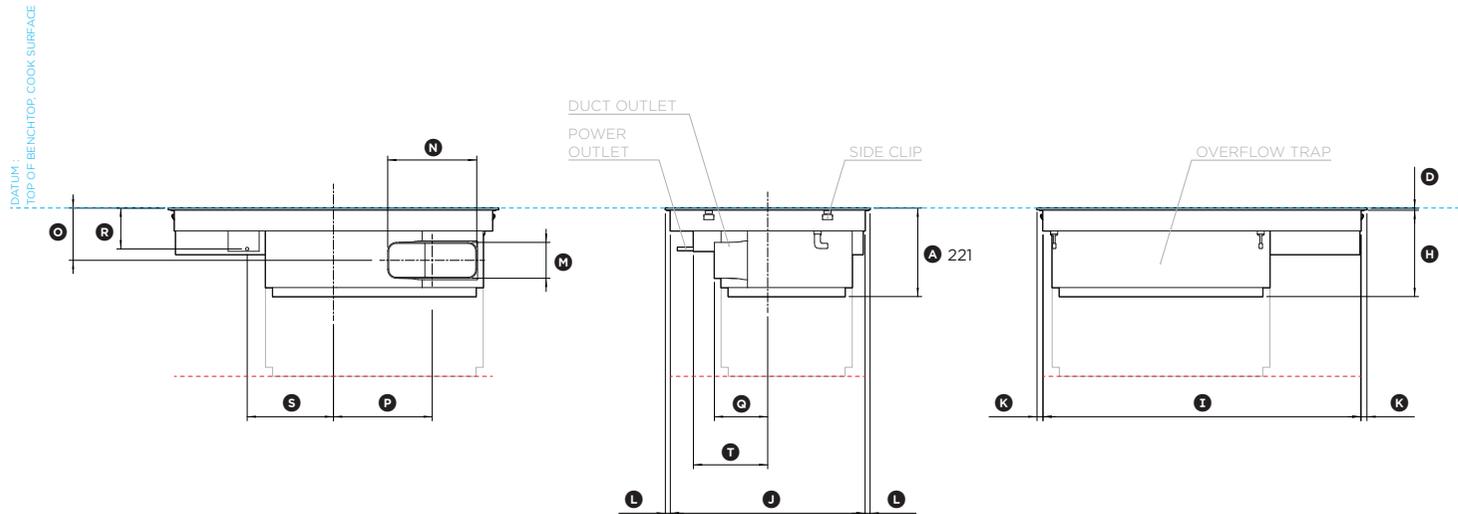
HOB DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented

Model no:
CID834DTB4

Product Dimensions	mm
Ⓐ Overall height of hob	221
Ⓑ Overall width of hob	830
Ⓒ Overall depth of hob	515
Ⓓ Height of hob glass (includes chassis flange)	5.5
Ⓔ Corner radii of glass	2
Ⓕ Diameter of extractor cover	179
Ⓖ Offset of extractor forward from centre of hob	10
Ⓙ Height of chassis	215
Ⓚ Width of chassis	799
Ⓛ Depth of chassis	488
Ⓜ Width of glass overhang at side of chassis	15
Ⓝ Depth of glass overhang at front and rear of chassis	13
Ⓢ Height of duct outlet	89
Ⓣ Width of duct outlet	222
Ⓤ Height from top of hob to centre of duct outlet	131
Ⓟ Width from centre of hob to centre of duct outlet	249
Ⓠ Depth from centre of hob to duct outlet	134
Ⓡ Height from top of hob to power outlet	102
Ⓡ Width from centre of hob to power outlet	217
Ⓡ Depth from centre of hob to power outlet	187



PLAN VIEW



BACK VIEW

PROFILE VIEW

FRONT VIEW

DATUM: TOP OF BENCHTOP, COOK SURFACE

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

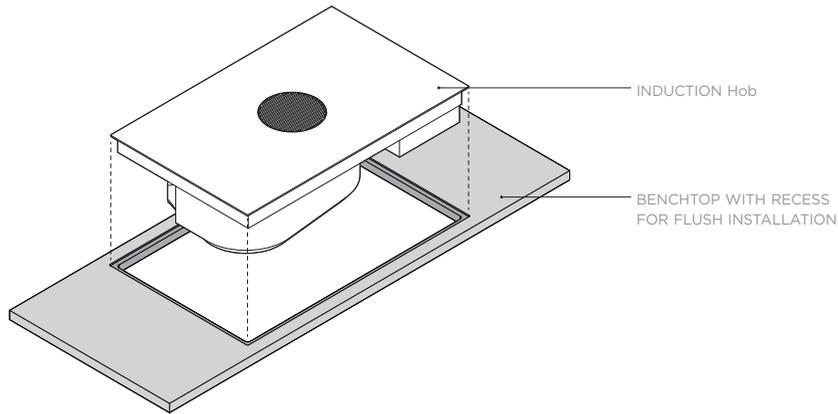
DATE: **05.07.2022**

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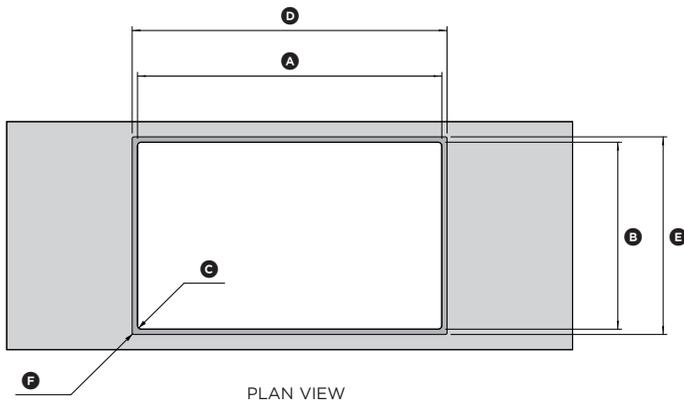


FISHER & PAYKEL

BENCHTOP CUTOUT DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented



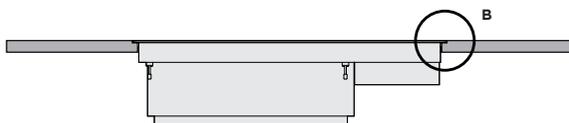
ISOMETRIC EXPLODED VIEW



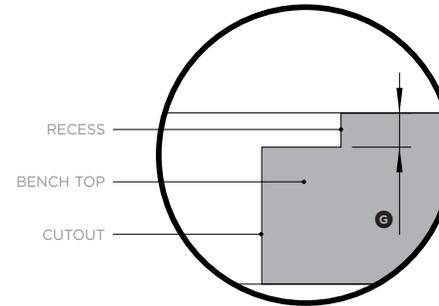
PLAN VIEW



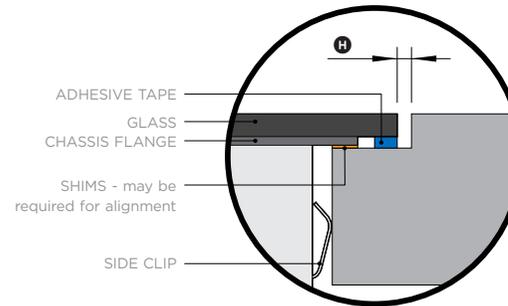
FRONT VIEW - CROSS SECTION



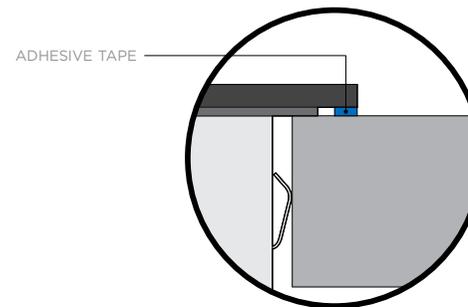
FRONT VIEW with Hob



DETAIL A
FRONT VIEW - CROSS SECTION
Bench top without hob,
recess for flush installation



DETAIL B
FRONT VIEW
Bench top with hob,
flush installation



DETAIL - SUPPLEMENTARY
FRONT VIEW
Bench top with hob,
proud installation

Model no:
CID834DTB4

The hob can be installed flush or proud in the benchtop. Both installation scenarios require a cutout to accommodate the hob chassis. To achieve a flush finish between glass and benchtop a recess is required.

Cutout Dimensions	mm
Ⓐ Overall width of cutout	807
Ⓑ Overall depth of cutout	492
Ⓒ Maximum corner radii of cutout	10

Recess Dimensions for Flush Installation	mm
Ⓓ Overall width of recess	835
Ⓔ Overall depth of recess	520
Ⓕ Corner radii of recess	4.5
Ⓖ Overall height of recess (shims may be required during install)	6
Ⓗ Distance between edge of recess and edge of glass	2.5

DATE: **05.07.2022**

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HOB CLEARANCES Induction Hob, 83cm, with Integrated Ventilation, Vented

Model no:
CID834DTB4

Product Clearances	mm
Ⓐ Minimum clearance from nearest combustible surface to - side edge of cutout - side edge of glass	40 29
Ⓑ Minimum clearance from nearest combustible surface to - rear edge of cutout - rear edge of glass - front edge of glass	50 39 554
Ⓒ Minimum clearance from top of cook surface to non combustible surface directly above hob	500
Ⓓ Minimum clearance from top of cook surface to combustible surface directly above hob	650
Ⓔ Maximum depth of overhead cabinetry	330
Ⓕ Minimum clearance below cook surface to top of any appliance or obstruction below hob (required for cleaning access of the overflow trap)	421
Ⓖ Minimum rear ducting* clearance from - rear edge of cutout - rear edge of glass - front edge of glass	31 20 535
Ⓖ Minimum distance** from front ducting clearance to rear ducting clearance	105

* For ducting routed down, where a 90° Vertical Elbow is connected to the duct outlet. Depth can be increased by use of connector and ducting. See following pages for more details.

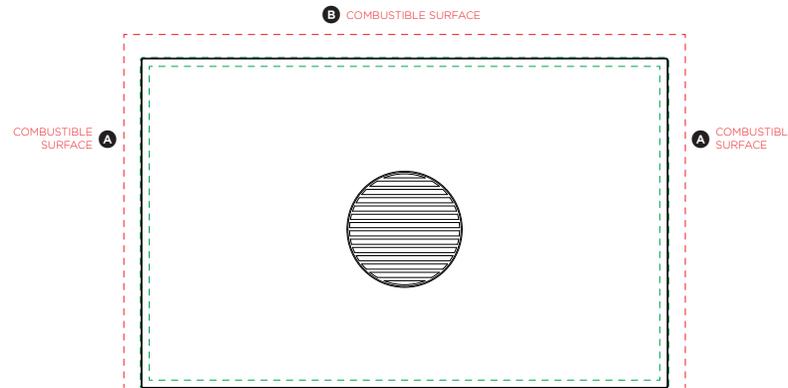
** For ducting scenarios not routed through kick cavity, or when ducting is routed through 150mm kick height cavity. Refer following pages for more details.

Ventilation Requirements	mm
Minimum ventilation gap at front of hob - Height of gap along full length of chassis - or equivalent area	5 40cm ²
Minimum ventilation area at rear of hob	40cm ²

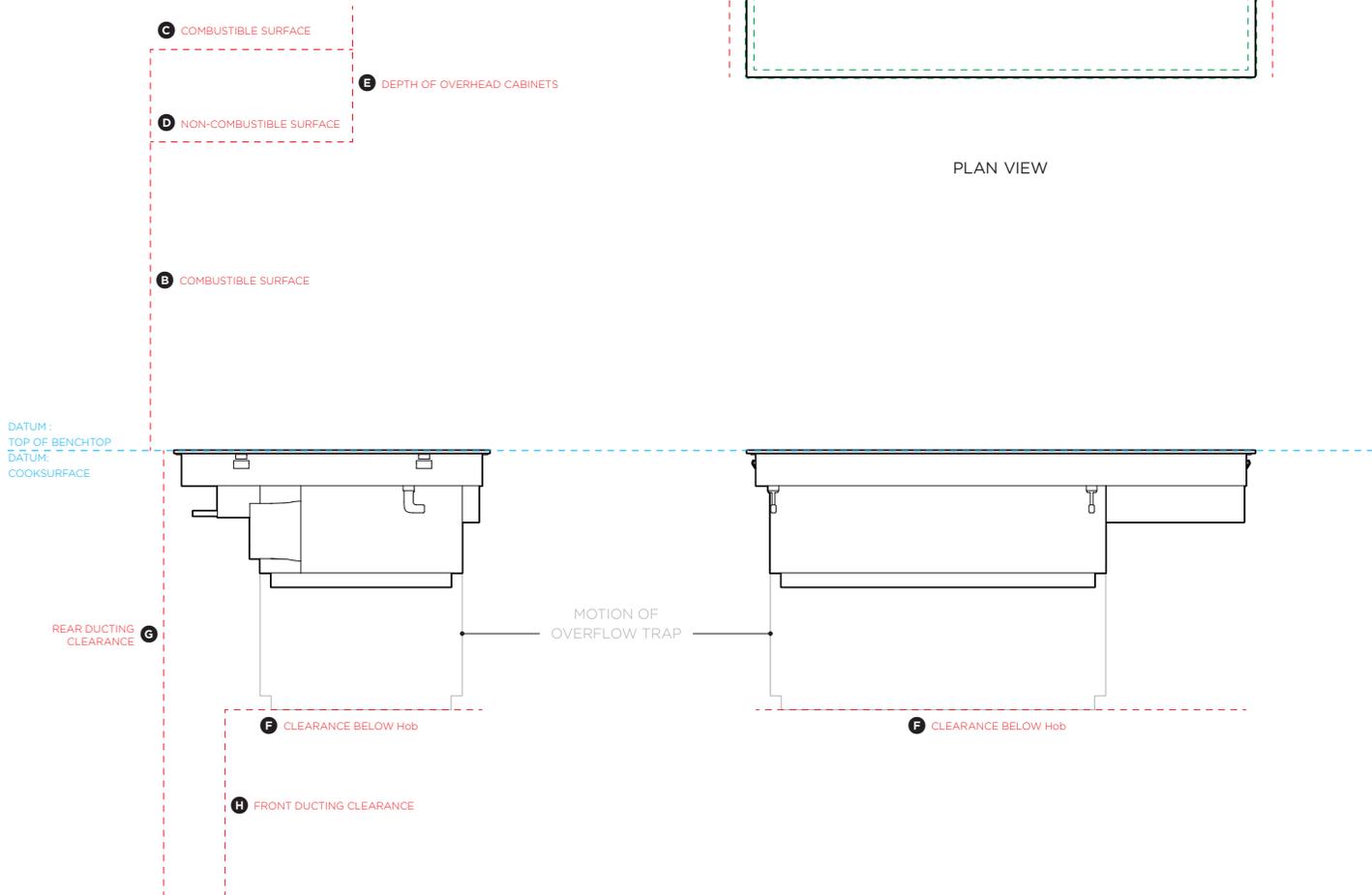
INDICATES CABINETRY -----
INDICATES CABINETRY / PRODUCT DATUM - - - - -
INDICATES CABINETRY CLEARANCES - - - - -

DATE: **05.07.2022**

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



PLAN VIEW

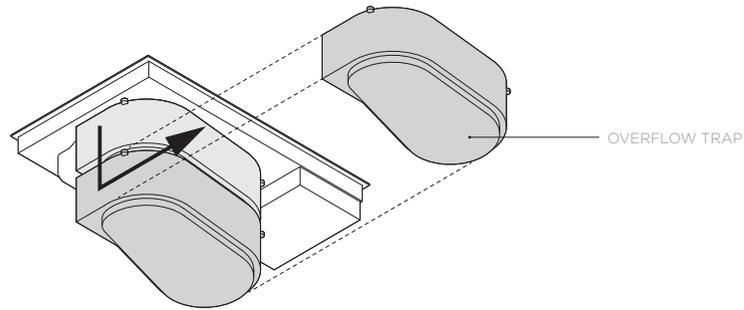


PROFILE VIEW

FRONT VIEW

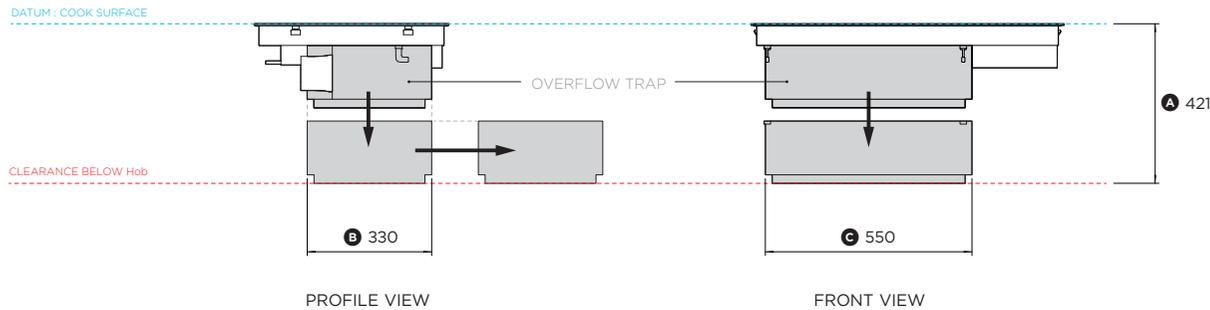
ISOMETRIC VIEW OF OVERFLOW TRAP REMOVAL

The overflow trap is located below the hob chassis. To allow cleaning, the overflow trap is required to be disconnected and removed.



ISOMETRIC VIEW - SHOWN FROM UNDERNEATH

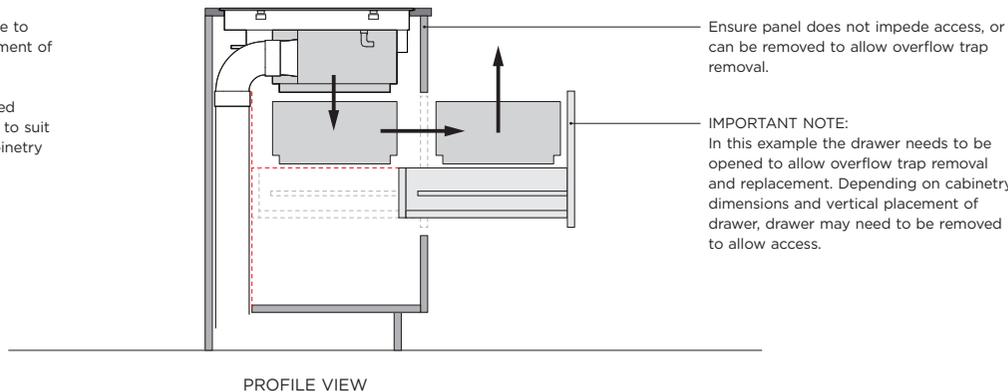
MOTION OF OVERFLOW TRAP REMOVAL



CABINETY EXAMPLE FOR OVERFLOW TRAP REMOVAL

Cabinetry needs to provide sufficient space to allow ease of access, removal and replacement of the overflow trap.

Cabinetry depicted is to provide a simplified example only and will need to be adapted to suit design requirements, specific location, cabinetry materials and construction methods.



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OVERFLOW TRAP ACCESS Induction Hob, 83cm, with Integrated Ventilation, Vented

Model no:
CID834DTB4

The overflow trap is located below the hob chassis. To allow cleaning, the overflow trap is required to be disconnected and removed from cabinetry. Cabinetry needs to provide sufficient clearance space to allow ease of access, removal and replacement of the overflow trap.

Cabinetry shown on this page is to provide a guideline only and will need to be adapted to suit design requirements, specific location, cabinetry materials and construction methods.

Overflow Trap Specifications	mm
Ⓐ Minimum clearance below cook surface to top of any appliance or obstruction below hob to allow removal of overflow trap for cleaning	421
Ⓑ Depth of overflow trap	330
Ⓒ Width of overflow trap	550

INDICATES CABINETY / PRODUCT DATUM - - - - -
INDICATES CABINETY CLEARANCES - - - - -

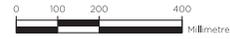
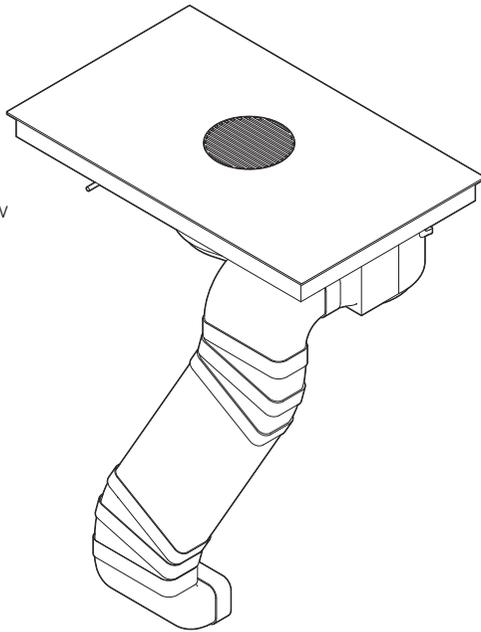
DATE: **05.07.2022**

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SUPPLIED DUCTING OVERVIEW Induction Hob, 83cm, with Integrated Ventilation, Vented

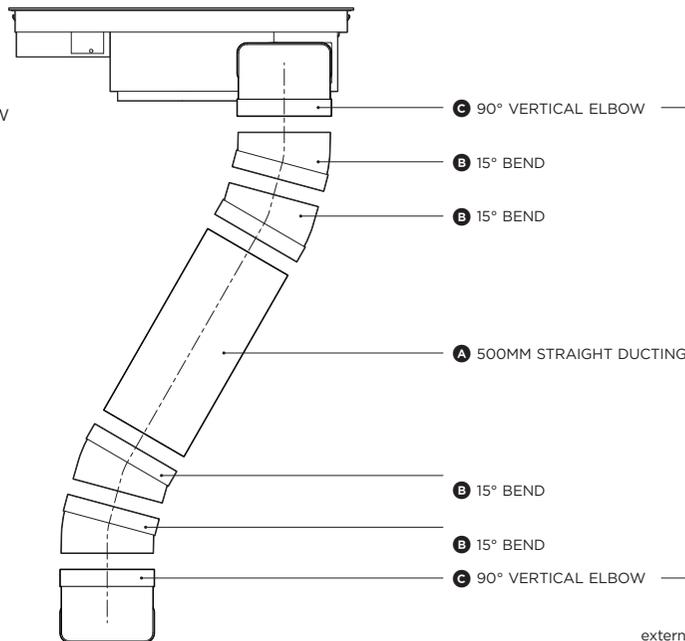
ISOMETRIC BACK VIEW



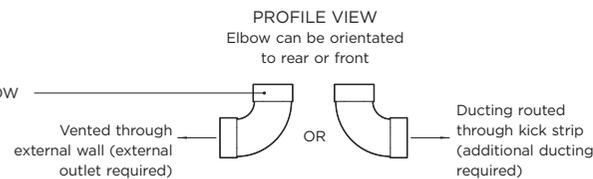
Model no:
CID834DTB4

Ducting Parts Supplied	Quantity
Ⓐ 500mm Straight Ducting (refer page 5 for measurements)	1
Ⓑ 15° Bend (refer page 6 for measurements)	4
Ⓒ 90° Vertical Elbow (refer page 5 for measurements)	2

EXPLODED BACK VIEW



PROFILE VIEW



PROFILE VIEW
Elbow can be orientated
to rear or front

INDICATES CENTRE LINE - - - - -

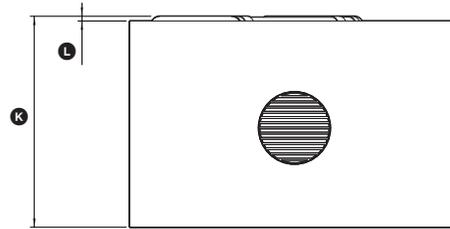
DATE: **05.07.2022**

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HOB WITH SUPPLIED DUCTING DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented

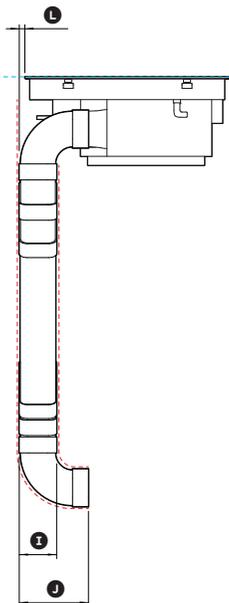
Model no:
CID834DTB4



PLAN VIEW

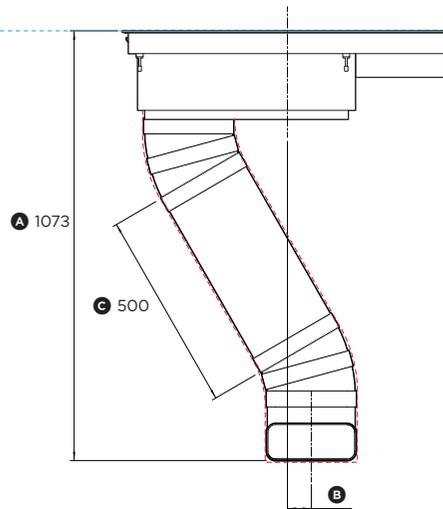


DASHED LINE INDICATES DATUM - TOP OF BENCHTOP, COOK SURFACE



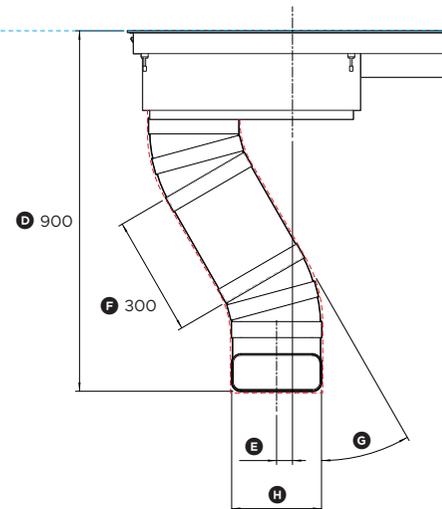
PROFILE VIEW

Maximum height of supplied ducting



FRONT VIEW

Maximum height of supplied ducting



FRONT VIEW

Supplied ducting trimmed
for 900 high benchtop

Product Dimensions	mm
Ⓐ Maximum height of hob and supplied ducting	1073
Ⓑ Offset from centre of duct outlet at maximum height	60
Ⓒ Length of straight ducting at maximum height	500
Ⓓ Overall height for 900 bench height (hob flush)	900
Ⓔ Offset from centre of duct outlet at 900mm overall height	40
Ⓕ Length of trimmed straight ducting for 900mm overall height	300
Ⓖ Angle of ducting	30°
Ⓗ Width of ducting	226
Ⓚ Depth of straight ducting and 15 degree bend	94
Ⓛ Overall depth of ducting	174
Ⓜ Overall depth of hob and ducting	529
Ⓨ Depth from rear of hob to rear of ducting	14

Clearance Dimensions for Ducting	mm
Clearance parallel to width of ducting	232
Clearance parallel to depth of ducting	105

INDICATES CABINETRY / PRODUCT DATUM -----
INDICATES CABINETRY CLEARANCES -----
INDICATES CENTRE LINE -----

DATE: **05.07.2022**

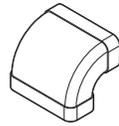
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FISHER & PAYKEL

BENCH DEPTH OVERVIEW - DUCT DOWN Induction Hob, 83cm, with Integrated Ventilation, Vented

IMPORTANT NOTE:

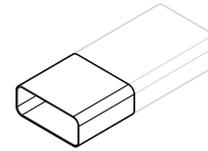
These are representational illustrations of cabinetry to provide guideline minimum benchtop depths. Benchtop depths are driven by clearance requirements above bench and ducting depth requirements within the cabinetry. Benchtop and cabinetry dimensions should be adapted to suit requirements specific to location, materials and construction methods.



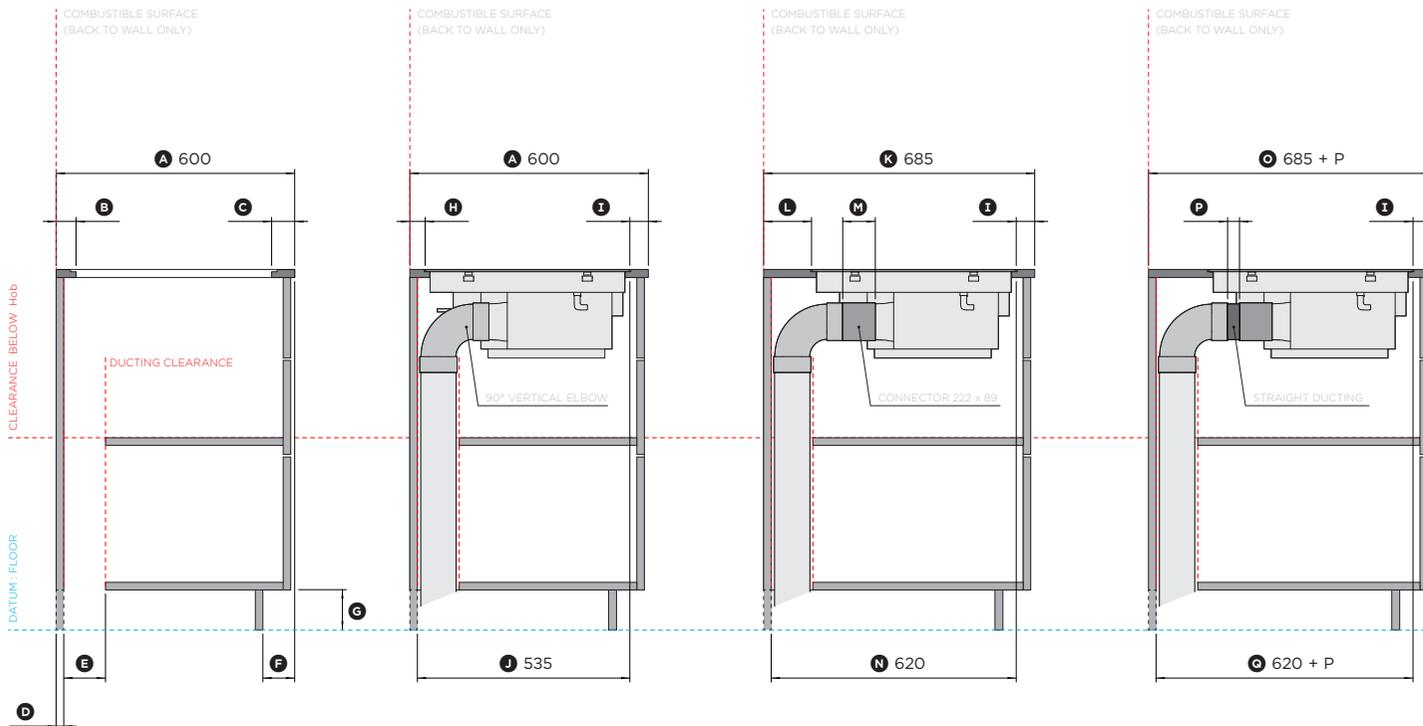
90° VERTICAL ELBOW



CONNECTOR 222 x 89



STRAIGHT DUCTING 222 x 89
TRIMMED TO SUIT



PROFILE VIEW

CABINETRY OVERVIEW

PROFILE VIEW

Hob DUCT DOWN

PROFILE VIEW

Hob DUCT DOWN
with
CONNECTOR

PROFILE VIEW

Hob DUCT DOWN
with
CONNECTOR +
STRAIGHT DUCTING

Model no:
CID834DTB4

Cabinetry Dimensions	mm
Ⓐ Minimum recommended bench depth	600
Ⓑ Minimum clearance to combustible surface from rear of cutout	50
Ⓒ Resulting distance from front of cutout to front of benchtop*	58
Ⓓ Thickness of rear panel	19
Ⓔ Minimum clearance at rear of cabinet for ducting** †	105
Ⓕ Distance from front of benchtop to front of kickstrip	80
Ⓖ Minimum height of kickstrip to accommodate ducting*** †	100
Ⓗ Minimum clearance to combustible surface from rear of glass	39
Ⓙ Resulting distance from front of glass to front of benchtop*	46
Ⓚ Distance from front of glass to rear of cavity	535
Ⓛ Minimum bench depth with connector ****	685
Ⓚ Resulting distance from rear of glass to rear of benchtop to accommodate under bench clearance for ducting.	124
Ⓜ Depth of connector	82
Ⓝ Distance from front of glass to rear of cavity	620
Ⓞ Minimum bench depth with connector and straight ducting ****	685 + Ⓞ
Ⓟ Length of exposed straight ducting (trimmed to suit cabinetry)	> 1
Ⓠ Distance from front of glass to rear of cavity	620 + Ⓠ

* Dimension based on 600 benchtop, driven by rear clearance requirements. Can be decreased/increased to suit aesthetic, materials and construction.

† Minimum rear ducting clearance is relational to minimum kick height in scenarios where ducting is runs within the kick strip. Refer to page 'Cabinetry Scenarios' for further detail.

** Applicable to drawers, shelves or a false back. Not required for 'Up + Out' and 'Straight Out' ducting scenarios.

*** No minimum height for 'Straight Out', 'Down + Out', 'Thru Floor' and 'In Floor' ducting scenarios.

**** Depth based on generic measurements Ⓞ and Ⓠ which can be increased/decreased to suit aesthetic and/or material requirements.

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

DATE: 05.07.2022

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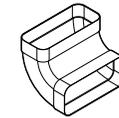
FISHER & PAYKEL

REAR CLEARANCE RELATIONSHIP TO KICK HEIGHT Induction Hob, 83cm, with Integrated Ventilation, Vented

IMPORTANT NOTE:

These are representational illustrations of cabinetry to provide guideline minimum benchtop depths. Benchtop depths are driven by clearance requirements above bench and ducting depth requirements within the cabinetry. Benchtop and cabinetry dimensions should be adapted to suit requirements specific to location, materials and construction methods.

Use of the 90° Vertical Elbow creates a relationship between the rear clearance for vertical ducting to the kick cavity height for horizontal ducting.



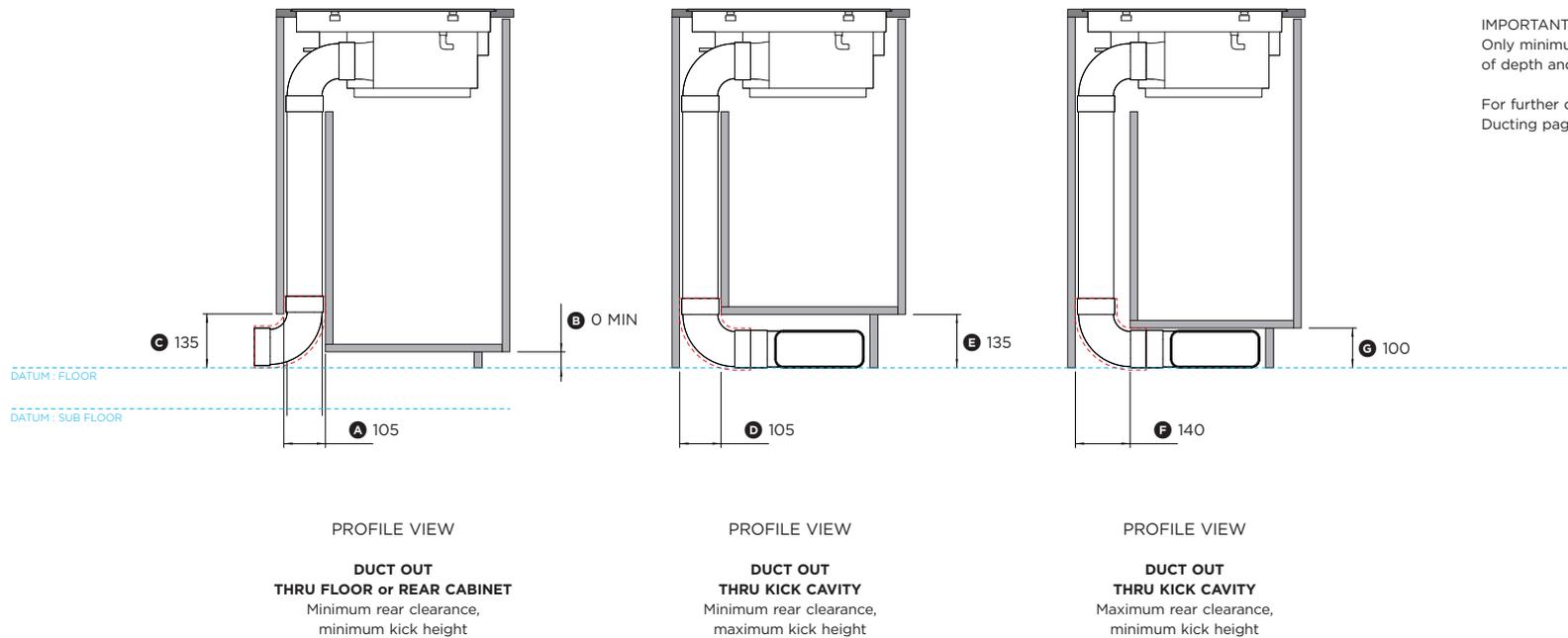
90° VERTICAL ELBOW

To minimise the depth of the rear clearance the kick cavity height must be at a maximum. To reduce kick cavity height the rear clearance must increase.

IMPORTANT

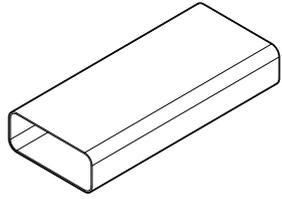
Only minimum and maximum relationships have been shown. There is a range of depth and heights, between what is shown, that are achievable.

For further details and dimensions regarding the 90° Vertical Elbow refer to Ducting pages and 2D CAD files.

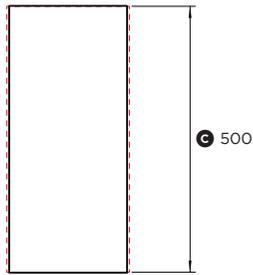


DATE: 05.07.2022

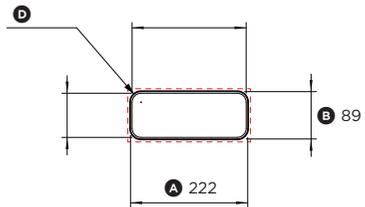
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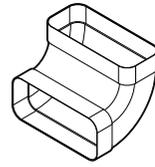
500MM STRAIGHT DUCTING 222 x 89



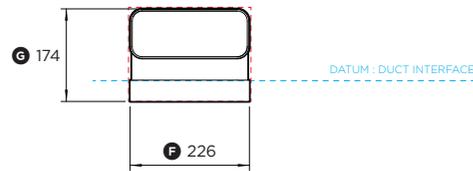
PLAN VIEW



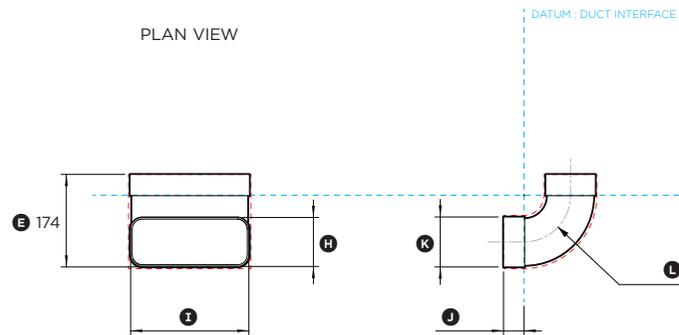
FRONT VIEW



90° VERTICAL ELBOW



PLAN VIEW



FRONT VIEW

PROFILE VIEW

FISHER & PAYKEL

SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented

Supplied Part:
500mm Straight Ducting 222 x 89 (x1)

Product Dimensions	mm
Ⓐ Overall height of ducting	89
Ⓑ Overall width of ducting	222
Ⓒ Overall length of ducting	500
Ⓓ Corner radii of ducting	20

Clearance Dimensions	mm
Height	100
Width	232

Supplied Part:
90° Vertical Elbow (x2)

Product Dimensions	mm
Ⓔ Overall height of elbow	174
Ⓕ Overall width of elbow	226
Ⓖ Overall depth of elbow	174
Ⓗ Internal height of female duct end	92
Ⓙ Internal width of female duct end	224
Ⓚ Internal shoulder depth of female duct end	39
Ⓛ External height of female duct end	94
Ⓜ Centre radius of bend	88

Clearance Dimensions	mm
Height	100
Width	232
Depth	100
Internal radius	38
External radius	138

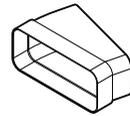
INDICATES DUCT DATUM
INDICATES CABINETY CLEARANCES
INDICATES CENTRE LINE

DATE: 05.07.2022

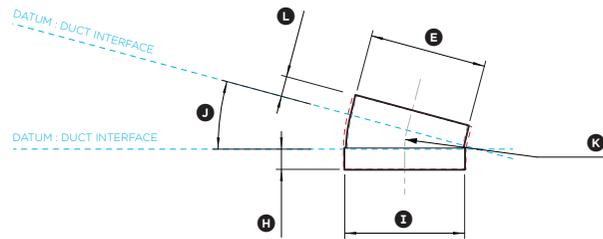
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FISHER & PAYKEL

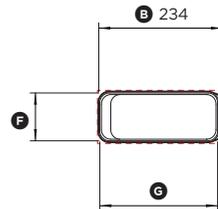
SUPPLIED DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented



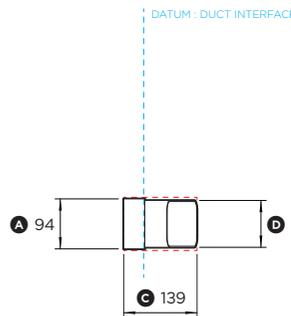
15° DEGREE BEND



PLAN VIEW



FRONT VIEW



PROFILE VIEW

Supplied Part:

15° Degree Bend (x4)

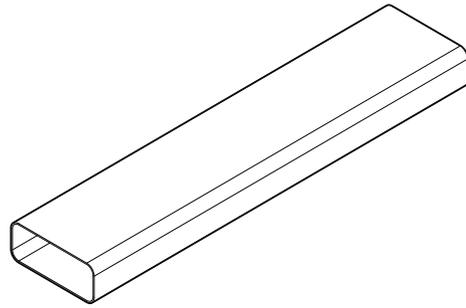
Product Dimensions	mm
Ⓐ Overall height of ducting	94
Ⓑ Overall width of ducting	234
Ⓒ Overall depth of ducting	139
Ⓓ Height of male duct end	88
Ⓔ Width of male duct end	221
Ⓕ Internal height of female duct end	90
Ⓖ Internal width of female duct end	223
Ⓖ Internal shoulder depth of female duct end	38
Ⓗ External width of female duct end	227
Ⓘ Angle of bend	15°
Ⓚ Centre radius of bend	137
Ⓛ Insertion depth of male duct end	38

Clearance Dimensions	mm
Height	100
Width	232
Depth	100
Internal radius	38
External radius	138

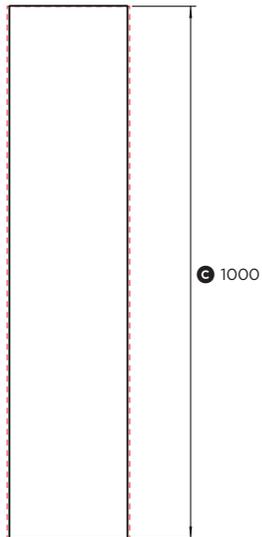
INDICATES DUCT DATUM
 INDICATES CABINETRY CLEARANCES
 INDICATES CENTRE LINE - - - - -

DATE: 05.07.2022

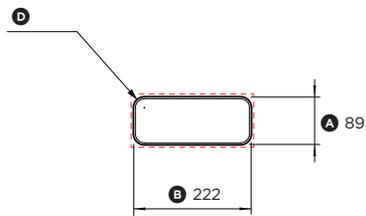
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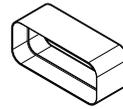
1M STRAIGHT DUCTING 222 x 89



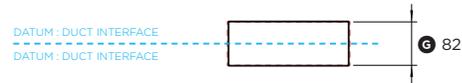
PLAN VIEW



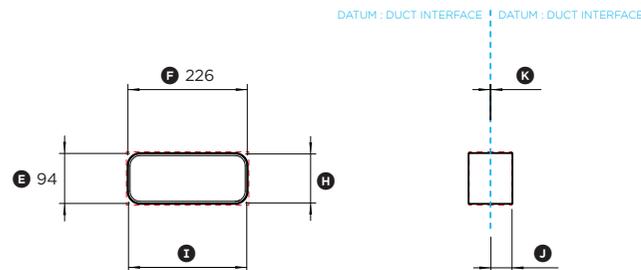
FRONT VIEW



CONNECTOR 222 x 89



PLAN VIEW



FRONT VIEW

PROFILE VIEW

FISHER & PAYKEL

OPTIONAL DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented

Optional Part: D1-C-222-89

- 1M Straight Ducting 222 x 89
- Connector 222 x 89

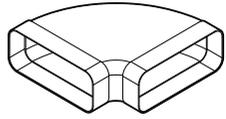
Product Dimensions	mm
1M Straight Ducting 222 x 89	
Ⓐ Overall height of ducting	89
Ⓑ Overall width of ducting	222
Ⓒ Overall length of ducting	1000
Ⓓ Corner radii of ducting	20
Clearance Dimensions	
Height	100
Width	232

Connector 222 x 89	mm
Ⓔ Overall height of connector	94
Ⓕ Overall width of connector	226
Ⓖ Overall depth of connector	82
Ⓖ Internal height of connector	92
Ⓗ Internal width of connector	224
Ⓙ Internal depth to shoulder	40
Ⓚ Thickness of internal shoulder divider	2
Clearance Dimensions	
Height	100
Width	232

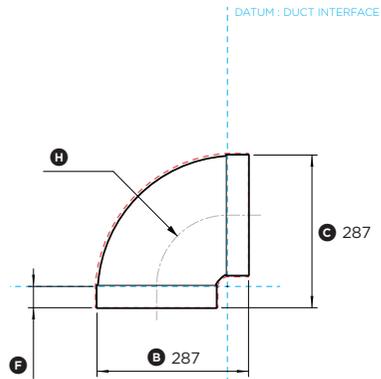
INDICATES DUCT DATUM -----
INDICATES CABINETY CLEARANCES - - - - -

DATE: 05.07.2022

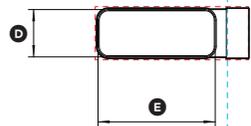
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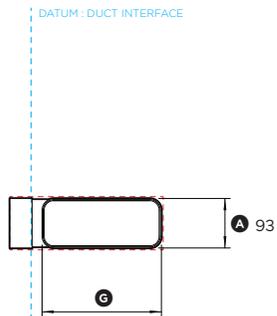
90° HORIZONTAL ELBOW



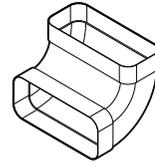
PLAN VIEW



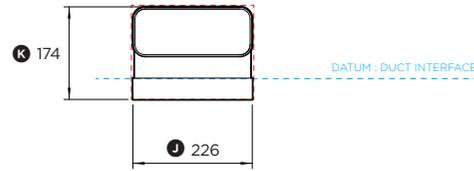
FRONT VIEW



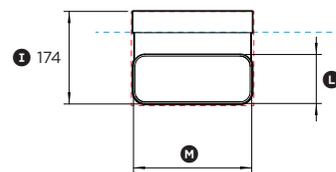
PROFILE VIEW



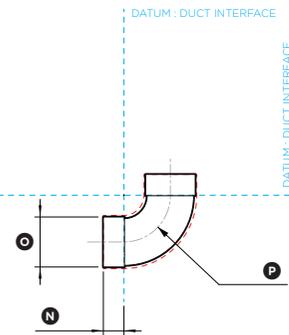
90° VERTICAL ELBOW



PLAN VIEW



FRONT VIEW



PROFILE VIEW

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OPTIONAL DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented

Optional Part: E90-H-222-89

90° Horizontal Elbow

Product Dimensions	mm
Ⓐ Overall height of duct	93
Ⓑ Overall width of duct	287
Ⓒ Overall length of duct	287
Ⓓ Internal height of female duct end	89
Ⓔ Internal width of female duct end	222
Ⓕ Internal shoulder depth of female duct end	40
Ⓖ External width of female duct end	226
Ⓗ Centre Radius of bend	134

Clearance Dimensions	mm
Height	100
Width	232
External radius	267

Optional Part: E90-V-222-89

90° Vertical Elbow

Product Dimensions	mm
Ⓐ Overall height of ducting	174
Ⓑ Overall width of ducting	226
Ⓒ Overall depth of ducting	174
Ⓓ Internal height of female duct end	92
Ⓔ Internal width of female duct end	224
Ⓕ Internal shoulder depth of female duct end	39
Ⓖ External height of female duct end	94
Ⓗ Centre radius of bend	88

Clearance Dimensions	mm
Height	100
Width	232
Internal radius	38
External radius	138

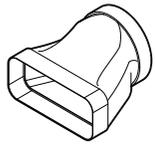
INDICATES CABINETRY CLEARANCES - - - - -

INDICATES DUCT DATUM - - - - -

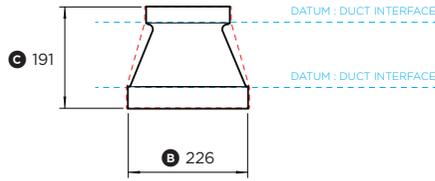
INDICATES CENTRE LINE - - - - -

DATE: 05.07.2022

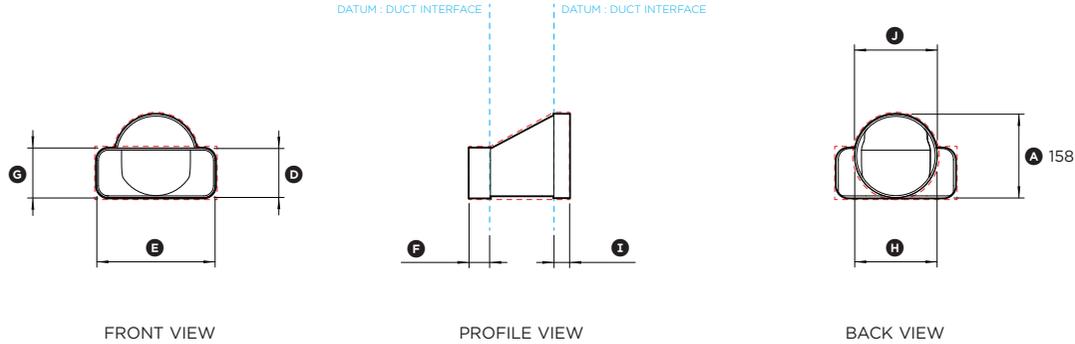
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ADAPTER



PLAN VIEW



FRONT VIEW

PROFILE VIEW

BACK VIEW

FISHER & PAYKEL

OPTIONAL DUCTING - DIMENSIONS Induction Hob, 83cm, with Integrated Ventilation, Vented

Optional Part: DA-219-98-150

Adapter

Product Dimensions	mm
Ⓐ Overall height of adapter	158
Ⓑ Overall width of adapter	226
Ⓒ Overall length of adapter	191
Ⓓ Internal height of rectangular female duct end	92
Ⓔ Internal width of rectangular female duct end	224
Ⓕ Internal depth of rectangular female duct end	39
Ⓖ External height of rectangular female duct end	94
Ⓗ Internal diameter of round female duct end	156
Ⓙ Internal depth of round female duct end	30
Ⓚ External diameter of round duct female duct end	158

Optional Part: DO-G-SS

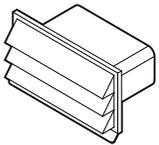
Stainless Steel Grille

Product Dimensions	mm
Ⓝ Overall height of grille	160
Ⓛ Overall width of grille	290
Ⓜ Overall depth of grille	163
Ⓢ Height of male duct end	83
Ⓣ Width of male duct end	215
Ⓟ Length of male duct end	120
Ⓠ Corner radii of male duct end	16
Ⓡ Height from top of spigot to top of frame	32
Ⓢ Height of external frame	150
Ⓣ Depth of external frame	15
Ⓤ Depth of external frame and grille	43
Ⓥ Height of louvres	120
Ⓦ Width of louvres	260

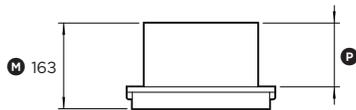
INDICATES CABINETRY CLEARANCES -----
INDICATES DUCT DATUM -----

DATE: 05.07.2022

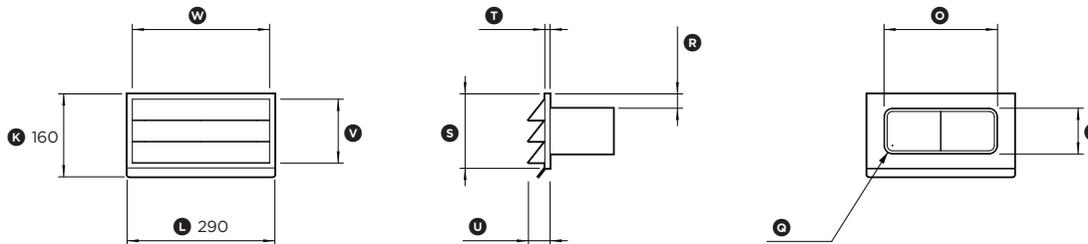
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STAINLESS STEEL GRILLE



PLAN VIEW



FRONT VIEW

PROFILE VIEW

BACK VIEW