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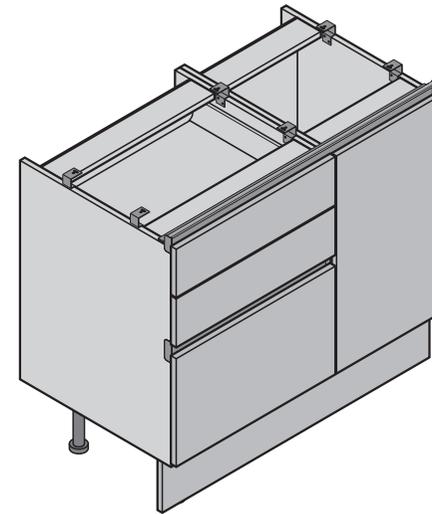
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Integra Kitchen Installation Guide



Introduction

Thank you for choosing a Magnet kitchen. It is most important that you carefully read all of the instructions before starting installation.

Magnet's designs have been created to display the materials to their best advantage and each individual material requires special consideration for storing, unpacking and cleaning. Details are covered in the Introduction and Care section of this booklet.

Please refer to the separate Aftercare leaflet. Contact your sales team for the current version.

How to use this booklet

This booklet is divided into six sections.

Section 1 -Contents.

Section 2 -Introduction and Care provides information on preparation, building requirements and suggestions, an overview of this range of kitchen furniture, and instructions for maintaining it's good looks.

Section 3 -Pre-Installation covers laying out the room, planning dimensions, and profiles and fittings.

Section 4 -Flat-packed Unit Assembly has instructions for putting together units that are too large or heavy to supply assembled.

Section 5 -Installation covers installing the cabinets, attaching the aluminium profiles, fitting frontals and fascias, and all other steps necessary to complete your project.

Section 6 -Appliance Housing Overview is a unit by unit guide to the various appliance housing combinations.

Section 1- Contents



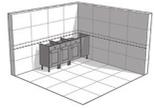
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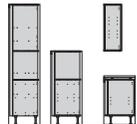


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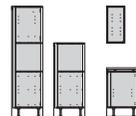
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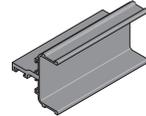
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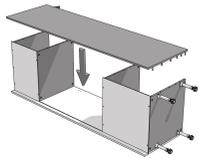


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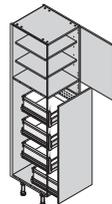
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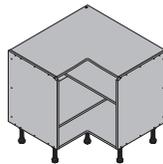
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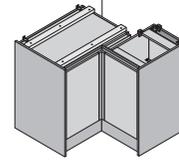


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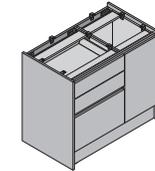
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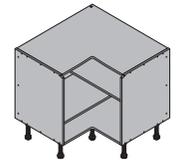
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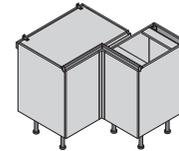
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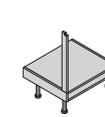
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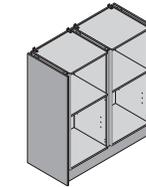
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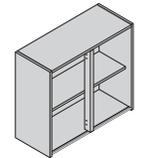
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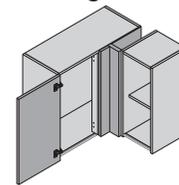
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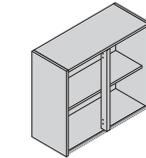
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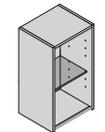
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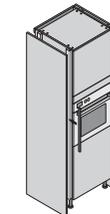
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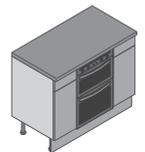
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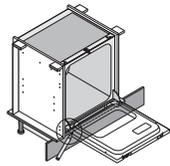


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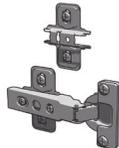
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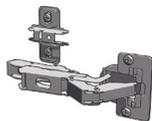
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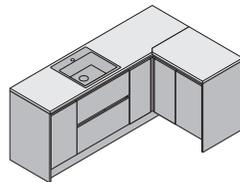
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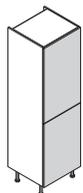


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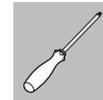


Appliance Housing Overview
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Essential Tool Checklist



Slot Head Screwdriver Set



Phillips Screwdriver Set



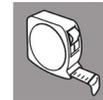
Spirit Level (1000mm)



Utility Knife



Claw Hammer



Tape Measure



'G' Clamp



Dust Sheet



Bradawl



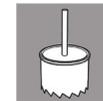
Step Ladder



Drill



Drill Bits



Hole Cutter



Router



Jigsaw

Other Recommended Tools

- Workbench
- A selection of screws, wall plugs, nails and pins
- Tenon Saw
- Rubber Mallet
- Panel Saw
- Pencil
- Hack Saw
- Setsquare
- Chop Saw
- Wood Glue
- Extension Lead
- RCD Circuit Breaker
- Mitre Block
- 35mm drill bit (required for some appliance doors)

Section 2- Introduction & Care

Storage of the products prior to installation

From the instance of manufacture, your new Magnet kitchen frontals, drawers, worktops and cabinets have been carefully packaged to ensure that you receive them in pristine condition.

Prior to installation, all the products for your new kitchen should be kept indoors in a safe, cool, dry location avoiding high humidity, extreme cold or heat sources. Always leave the product in its original packaging.

Worktops should be stored horizontally on a sound, dry, and level surface. Do not store front edge down. Keep the worktops in their packaging until the day of installation. The worktops must not be stored directly on a concrete floor or any other floor which is damp or cold.

When removing the packaging, for your own safety and to protect the furniture, do not use sharp implements like utility knives.

Please help the environment and dispose of the packaging in a responsible manner.

Preparation

With all Magnet kitchens, ensure that the room where the product is to be installed has fully dried out following any wet trade work. (eg. plumbing and plastering). This work should be completed prior to installation with sufficient time allowed for natural drying.

Rooms with areas below ground level need to be fully tanked (sealed against ingress of moisture from the surrounding earth).

Magnet recommends that competent kitchen fitters or joiners should undertake all cabinet installation work.

Electrical, gas and plumbing work

A registered electrician must undertake any electrical fitting work and the work must be verified. Fitting of new or changed electrical points needs to be completed before installation of your new Magnet kitchen.

A registered Gas Safe fitter must carry out all work on gas installations.

Please refer to the manufacturer's guidelines before installing appliances.

General information

All floor cabinets should be fitted to a solid, horizontal and flat surface. Not on top of a carpet for example. When products have to be scribed or cut to fit during installation, please ensure that all raw edges are sealed with a waterproof sealant.

Rooms should be well ventilated with an extractor fan if necessary. Extractor fans and appliances such as tumble dryers, water boilers and cooker hoods should be vented externally.

Care of Surfaces

Whilst modern materials and finishes provide good heat and stain resistance, excessive heat should not be allowed to come into direct contact with any surface. Spillages of any kind should be removed immediately from any product using a soft damp cloth to avoid the possible dangers of staining or distortion. Materials are sealed for protection however prolonged and continual exposure to moisture could cause materials to degrade. Persistent marks can be removed using a mild solution of water and soap. Wipe immediately with an absorbent cloth and finish with a dry soft, lint-free cloth to ensure excess moisture is removed. This procedure is suitable for cabinet interiors, drawer boxes, frontals and decorative infills.

Warning: Never use an abrasive cleaning agent, solvents or an aggressive or concentrated cleaner (even when described as an all/multi purpose cleaner) to clean your Magnet kitchen as they can damage the surfaces.

Note: Some products (eg. frontals and worktops) may have specific maintenance instructions provided from their manufacturer. If so, the individual products will be labelled appropriately. These additional care instructions must be followed and it is advisable to keep a record of these instructions for future reference.

Important: When oiling solid wood worktops as per the manufacturer's instructions, please ensure that the oil does not come into contact with any other product (such as frontals, sinks taps etc) as it will cause staining.

Integra - the concepts behind the look.

The concept for this style of kitchen is to remove the need for any handles on all the frontals. This is achieved by leaving a gap to allow your hand to reach behind the fascia and simply pull the door or drawer open. An aluminium profile is set into the front of the cabinets to finish the look. Each of the basic types of kitchen unit has its own features as described below.

More details on fitting all these items are given further on in this guide. Be sure to refer to the drawing plans of your kitchen to ensure everything is fitted in the correct location.

Wall units

There are two heights of Wall units and your order will be clear which one is supplied. It is important to refer to the correct dimension drawing to determine the height from the floor.

For Wall units, the profile is factory-fitted to the front edge of the bottom shelf. The units are fitted in the same way as other Magnet wall units. Note that, as the door is opened by reaching under the door, an add-on decor panel cannot be fitted under this type of unit.

Base Units

The desired effect is that the profile appears as a continuous detail at the top of all the base units. The profile is always finished with an end cap and enclosed by an add-on panel. A special fitting allows the top profile to carry on around internal 90° corners. The top profile continues across the top of all built-under integrated appliances.

Drawer units with middle and lower drawers are fitted with a second profile positioned so that fascias either above or below the profile may be opened. The second profiles are only fitted where there are drawers and do not continue through corner units or full height units.

Base units are not supplied with the profiles fitted or cut to length although the cabinets have been cut out to receive them. **It is important that the raw edges of the units are sealed** prior to installing the units and fitting the profiles. This is particularly critical where dishwashers and other appliances are fitted.

Tall/Mid-height Units

There are two heights of Tall units and your order will be clear which one is supplied. It is important to refer to the correct dimension drawing to determine the height from the floor.

The profiles on tall units are fitted vertically on either side of the unit and enclosed with add-on panels. The profile is supplied with a 26mm thick spacer and a 26mm thick rear spacer is supplied for fitting towards the back of the unit. These spacers have a self adhesive tape to aid installation but are permanently screw-fixed to both the carcass and the add-on panel. A single profile and spacers are supplied where there is an add-on end panel. A double profile and spacers are supplied where tall units are fitted side by side.

Drawers fitted to tall units are opened along the sides. A special filler strip is used where appliances overlap the front edge of the vertical profile.

Battens

All units except for wall units need to have a 20mm thick batten (not supplied) attached to the wall **level with the top of the unit**. The actual thickness of the batten can be between 19 and 21mm. The batten must be securely fastened to the wall as the base and tall units are fixed to this batten with brackets. The battens are required to allow enough depth of worktop to fit a hob behind the top profile and maintain the space between the hob and a flammable surface.

Work tops

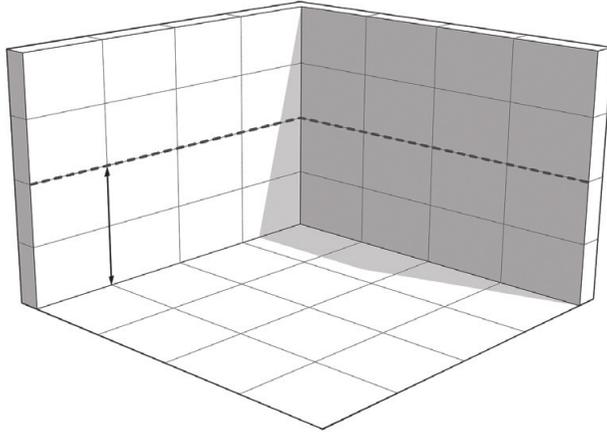
Laminate and wood work tops are fitted using the special brackets supplied with the units. Units with solid tops need to be fitted with 32mm or two 16mm strips (not supplied) to support the work top. Specialist work tops such as granite, composite, etc do **not** require these brackets as they are supplied with their own spacers. It is recommended that a silicone bead is run along the front edge of the top extrusion to seal the gap between the work top and the unit.

Section 3- Pre-Installation

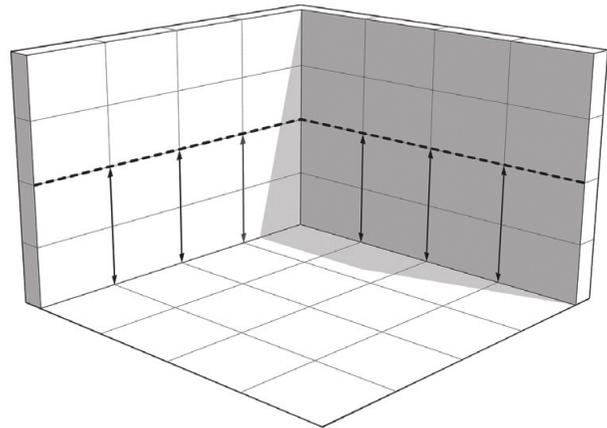
Datum Lines

Most floors are uneven, so before you start to fit your kitchen you must first find the highest point.

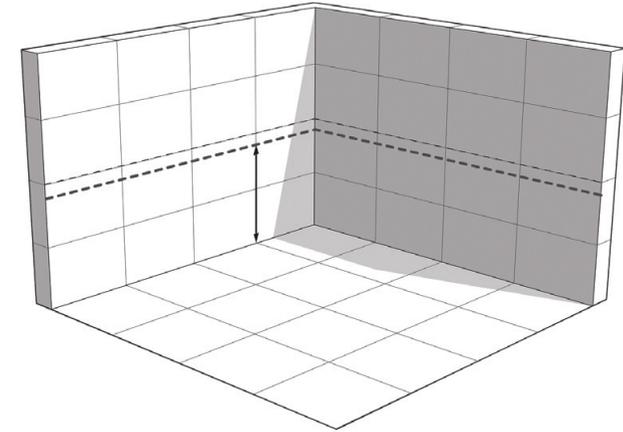
Datum Line-----



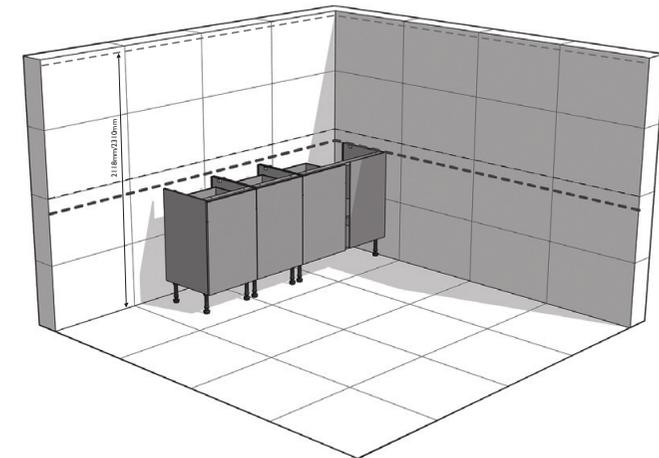
1 Mark a point on any wall at 1000mm from the floor and using a spirit level mark a datum line around the walls from this point.



2 Measure down from this datum line at various points to establish the lowest point in the floor. This will be the **largest** measurement.



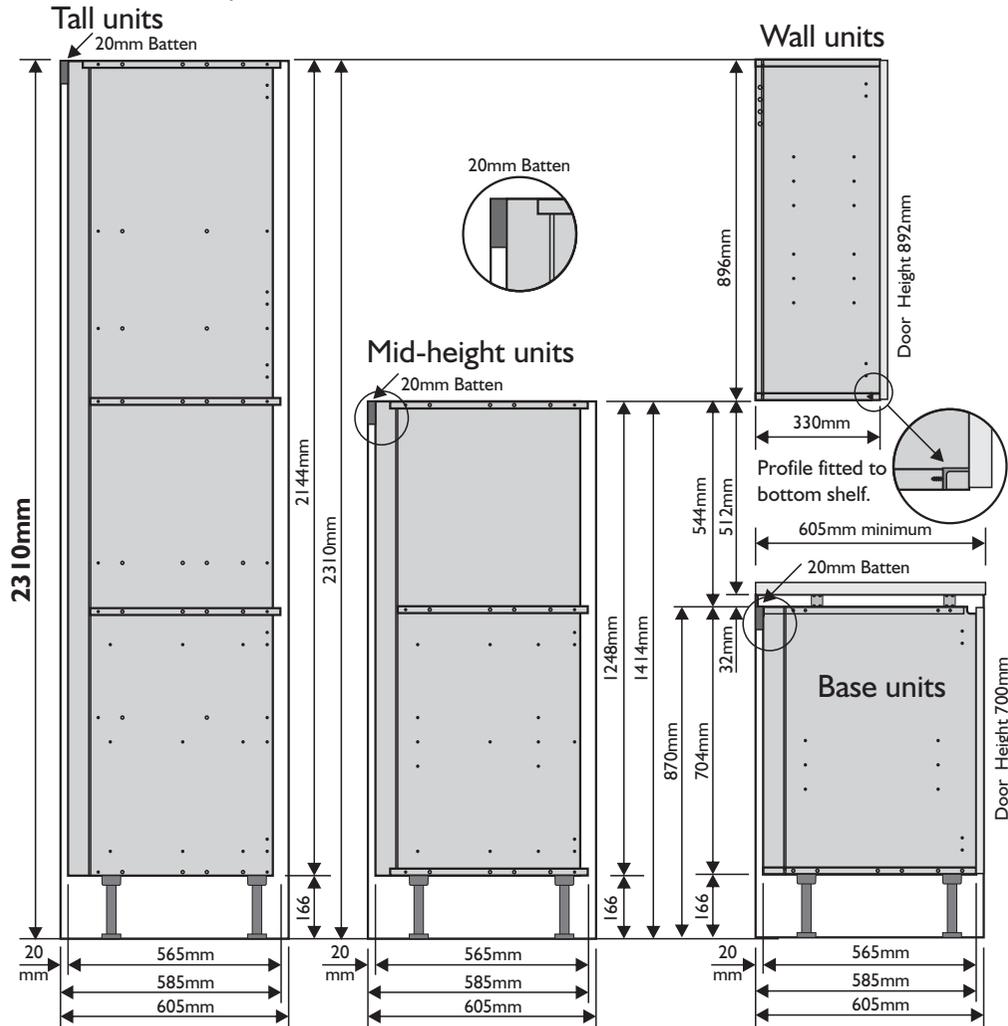
3 From this position mark a point at 870mm from the floor and using a spirit level mark a new datum line around the walls.



4 This datum line indicates the height to which the top of the floor cabinets re to be levelled. See Adjustable Legs: Fitting and Adjustment on **Pg. 59**. The cabinet legs are designed to be adjusted to suit the floor level and the plinth may need to be scribed to suit.

Integra 2310mm Tall Units with 896mm High Wall Units

Shown below are the basic dimensions required to set out the position of the units in your kitchen. These illustrations show the right-hand side panels which are viewed from the left. The profiles are not drawn.



Tower units

Add-on end panels are supplied 2310 x 605mm.

Mid-height units

Add-on end panels are supplied 2118 x 605mm. Cut down to 1414mm.

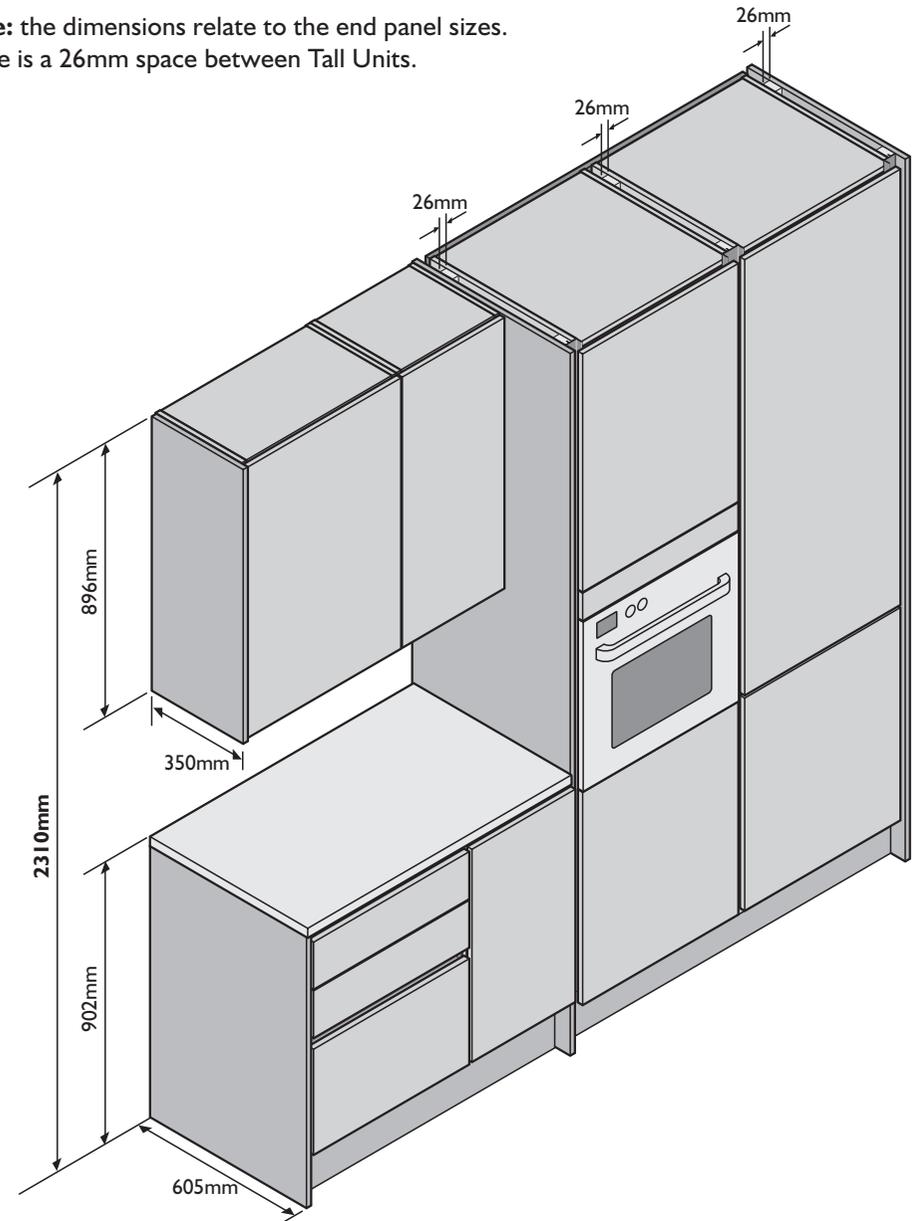
Wall units

Add-on end panels are supplied 902 x 350mm.

Base units

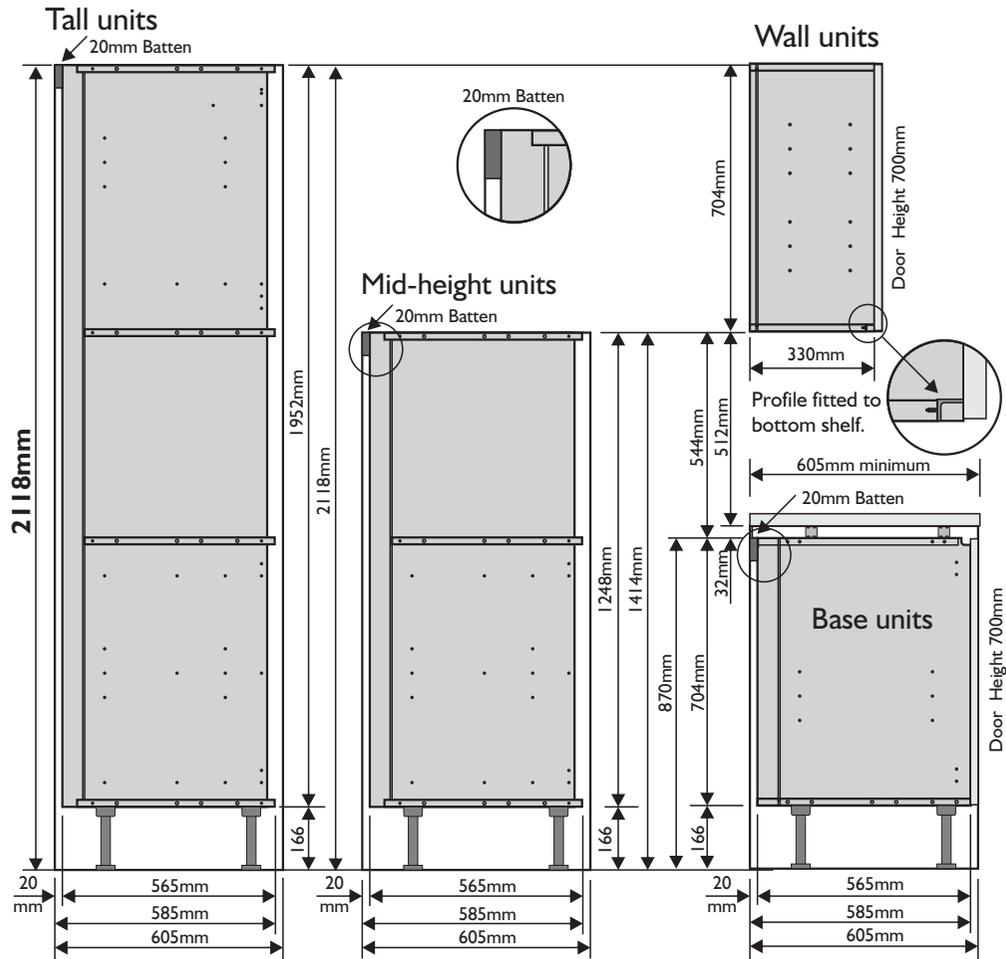
Add-on end panels are supplied 902 x 605mm.

Note: the dimensions relate to the end panel sizes. There is a 26mm space between Tall Units.



Integra 2118mm Tall Units with 704mm High Wall Units

Shown below are the basic dimensions required to set out the position of the units in your kitchen. Note that these drawings do not show the profiles. These illustrations show the right-hand side panels which are viewed from the left.



Tower units

Add-on end panels are supplied 2118 x 605mm.

Mid-height units

Add-on end panels are supplied 2118 x 605mm. Cut down to 1414mm.

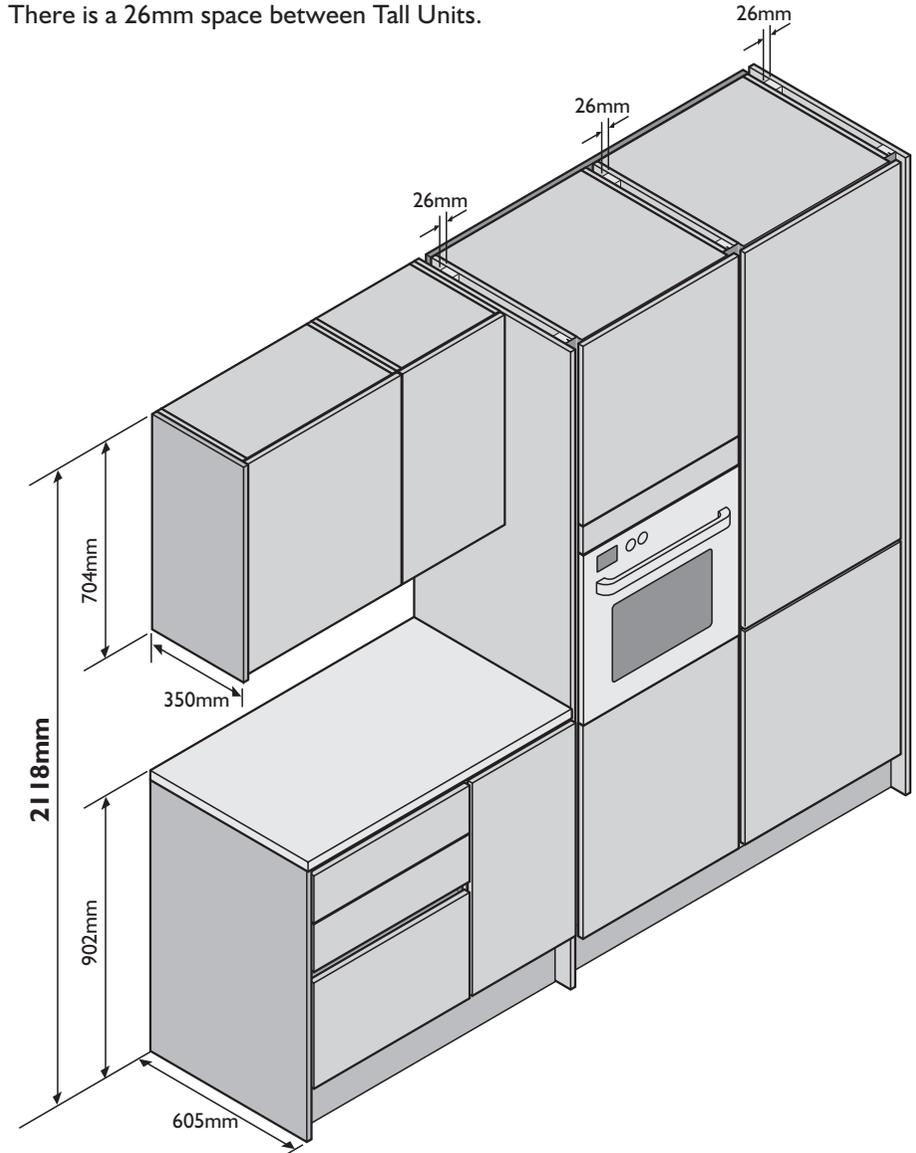
Wall units

Add-on end panels are supplied 704 x 350mm.

Base units

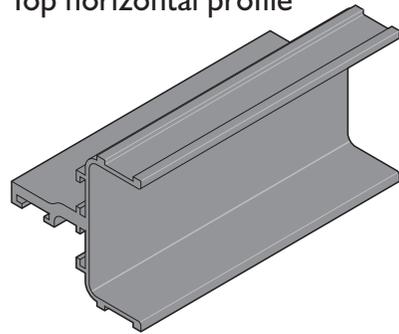
Add-on end panels are supplied 902 x 605mm.

Note: the dimensions relate to the end panel sizes. There is a 26mm space between Tall Units.

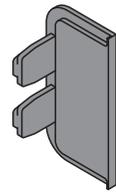


Profiles & Fittings for Base units

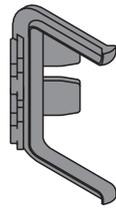
Top horizontal profile



Supplied length-
3200mm

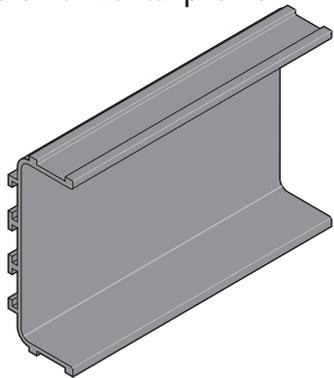


Top profile
End cap

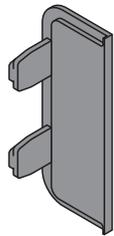


Internal 45°
corner joint
PK2

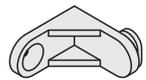
Middle horizontal profile



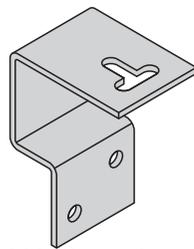
Supplied lengths-
2400mm
1200mm



Middle profile
End cap



Mounting bracket
for Horizontal Profile
PK 4



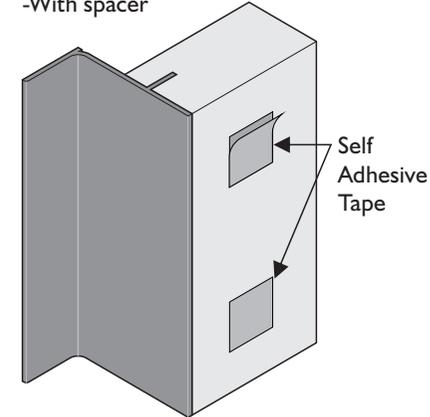
Worktop bracket
PK 3

Profiles & Fittings for Tower units

Note: The vertical profiles and battens may be supplied as separate items and will require assembly.

Single side Vertical profile

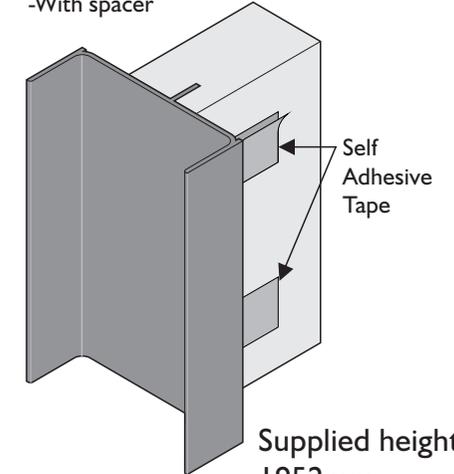
-With spacer



Supplied heights-
1952mm
2144mm

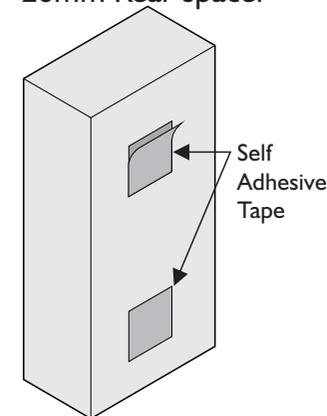
Double side Vertical profile

-With spacer



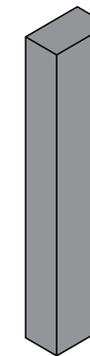
Supplied heights-
1952mm
2144mm

Tall unit 26mm Rear spacer



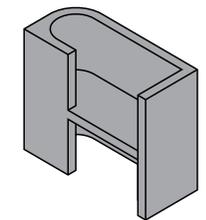
Supplied heights-
1952mm
2144mm

Appliance profile insert



Supplied height- 1150mm

Profile fitting tool

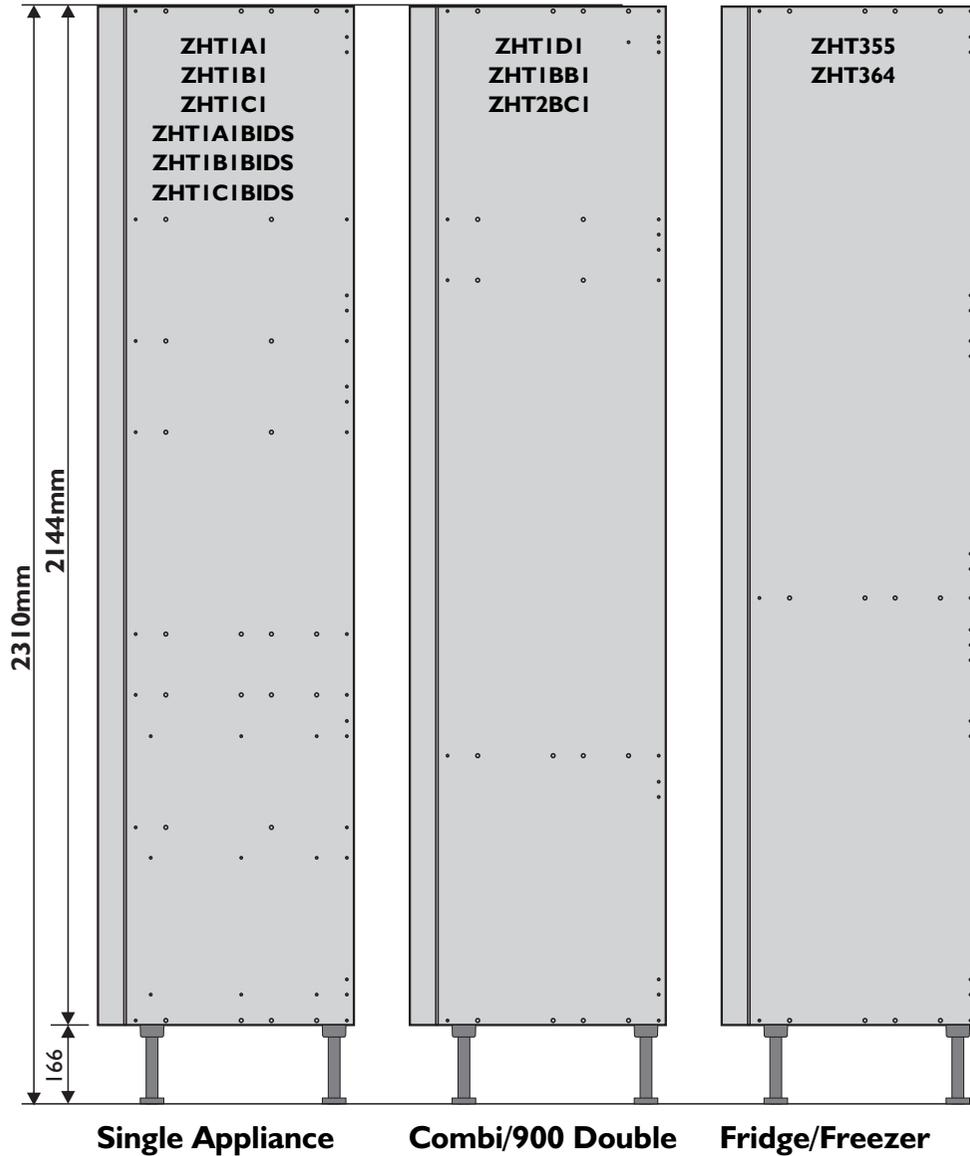


Section 4- Flat-packed Unit Assembly

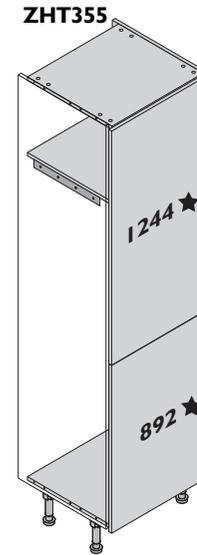
2310 Tall Units- End panel types

This section provides information on fixing positions for the 2310 Tall units. The end panels used are shown below as a guide to use to confirm that the correct end panel is being used for assembling the unit.

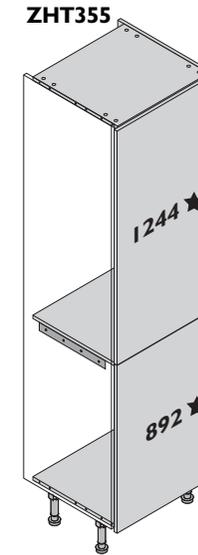
Please Note: Not all shelf positions have pre-drilled fixing holes. In these cases, use the brackets provided to fix the shelves. The shelf position may depend on the heights of the appliances.



2310 Tall-Fridge/Freezer Units



50/50	
Aperture	Frontal
2000mm	1244mm ★
	892mm ★

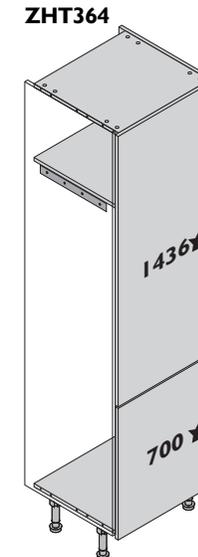


50/50	
Aperture	Frontal
2000mm	1244mm ★
	892mm ★

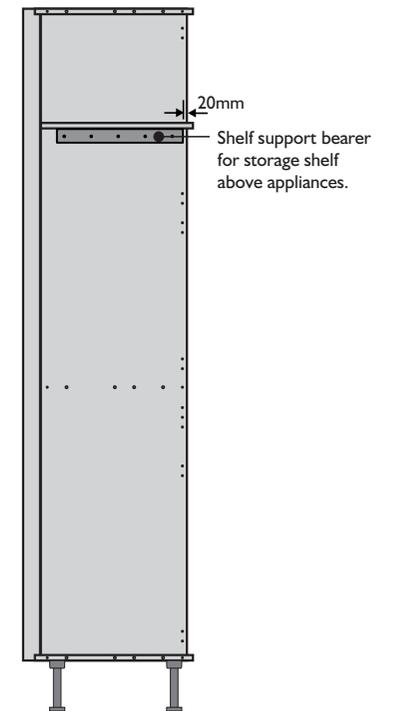
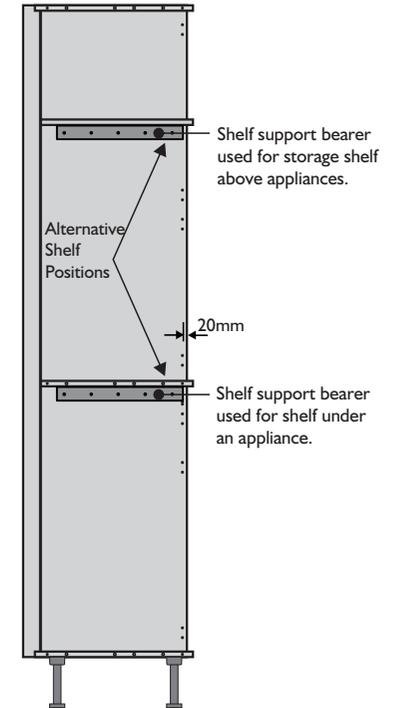
There are no pre-drilled shelf positions for the appliance housings. The shelf should be positioned to suit the height of the appliances being fitted to the unit. Where space allows, a shelf may also be fitted above the appliance for extra storage.

- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal

See pages 70-74 for frontal fixing positions for drawer and flap doors.

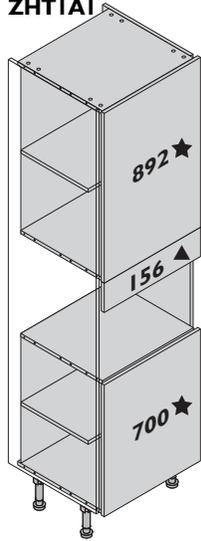


60/40	
Aperture	Frontal
2000mm	1436mm ★
	700mm ★



2310 Tall- Single Appliance Units

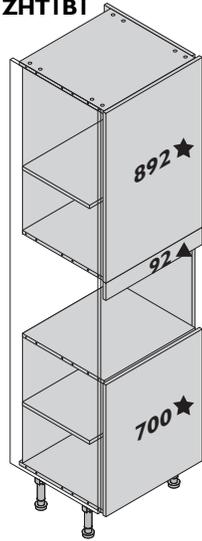
ZHTIAI



380 Appliance
Aperture Frontal

380mm	892mm ★
	156mm ▲
	700mm ★

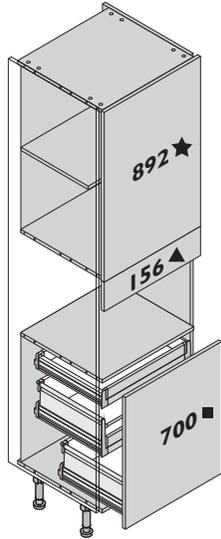
ZHTIBI



450 Appliance
Aperture Frontal

450mm	892mm ★
	92mm ▲
	700mm ★

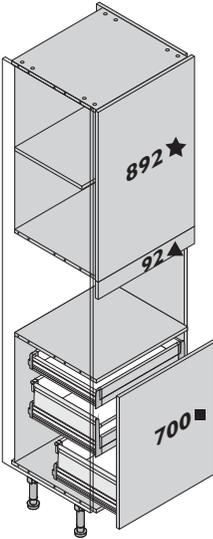
ZHTIAIBIDS



380 Appliance BIDS
Aperture Frontal

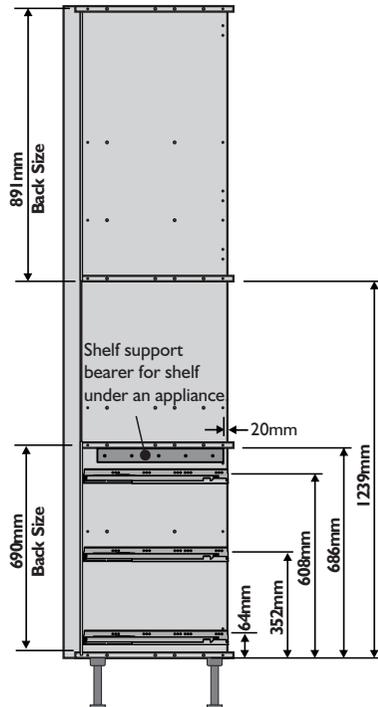
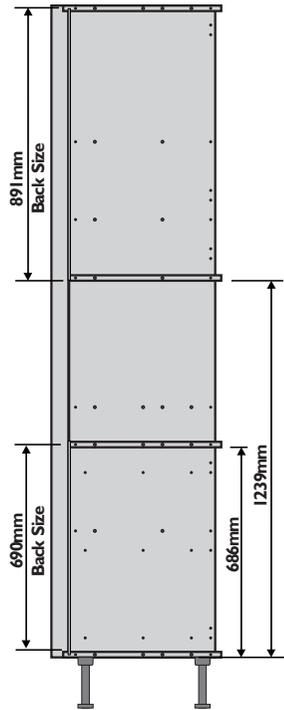
380mm	892mm ★
	156mm ▲
	700mm ■

ZHTIBIBIDS

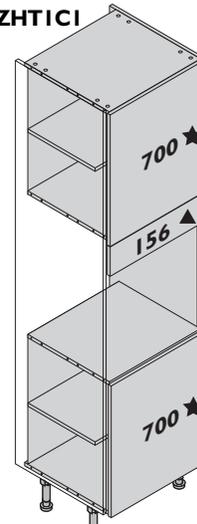


450 Appliance BIDS
Aperture Frontal

450mm	892mm ★
	92mm ▲
	700mm ■



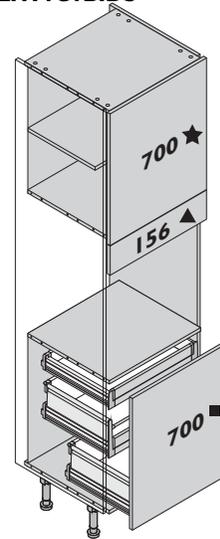
ZHTICI



Single Oven
Aperture Frontal

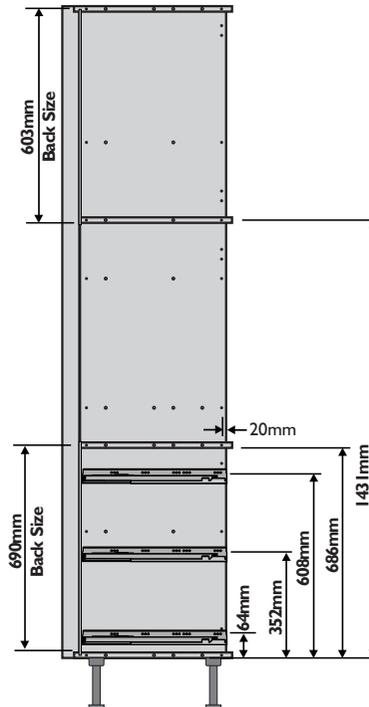
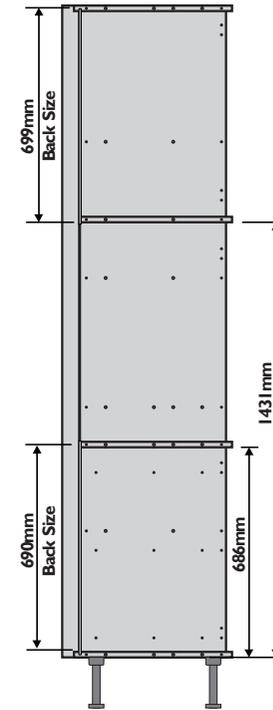
595mm	700mm ★
	156mm ▲
	700mm ★

ZHTICIBIDS



Single Oven BIDS
Aperture Frontal

595mm	700mm ★
	156mm ▲
	700mm ■

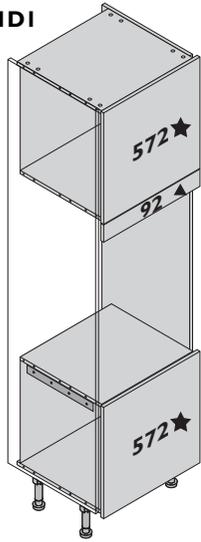


- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal

See pages 70-74 for frontal fixing positions for drawer and flap doors.

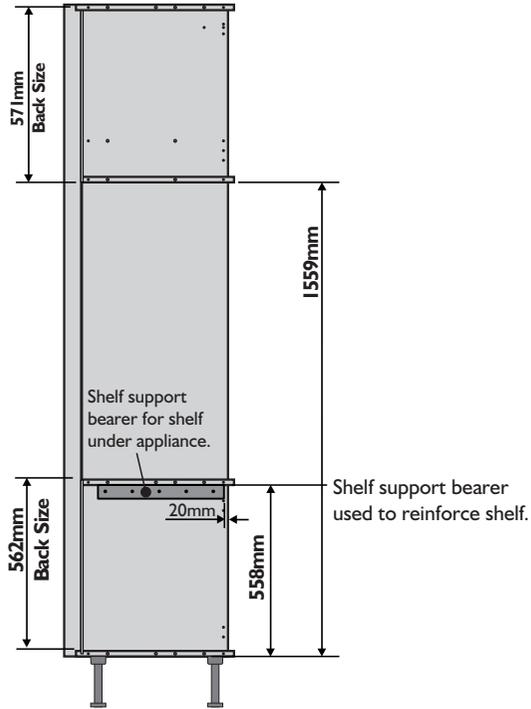
2310 Tall- Combi/900 Double Units

ZHT1DI

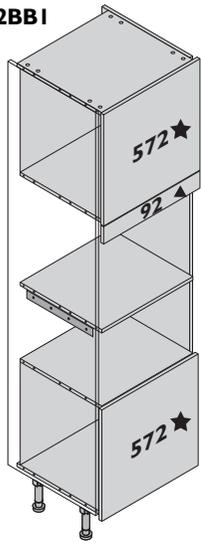


900 Double Oven

Aperture	Frontal
900mm	572mm ★
	92mm ▲
	572mm ★

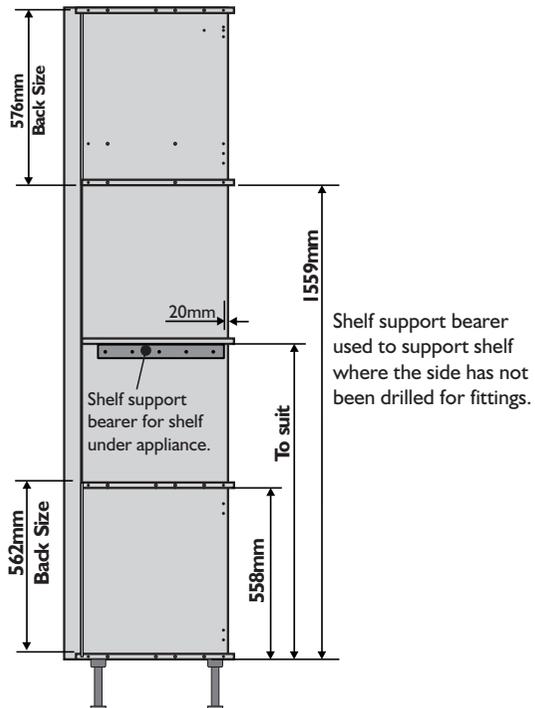


ZHT2BB1

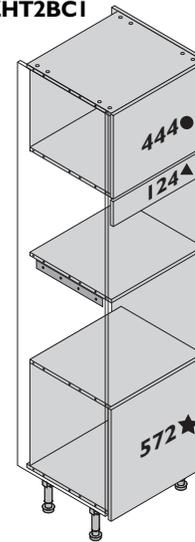


450, 450 Ovens

Aperture	Frontal
450mm	572mm ★
450mm	92mm ▲
	572mm ★

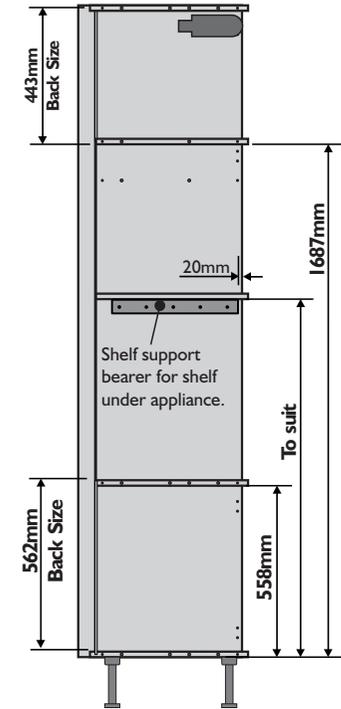


ZHT2BC1



Single 450 Oven + 600 Appliance

Aperture	Frontal
450mm	444mm ●
595mm	124mm ▲
	572mm ★



Shelf support bearers used to support shelf where the side has not been drilled for fittings.

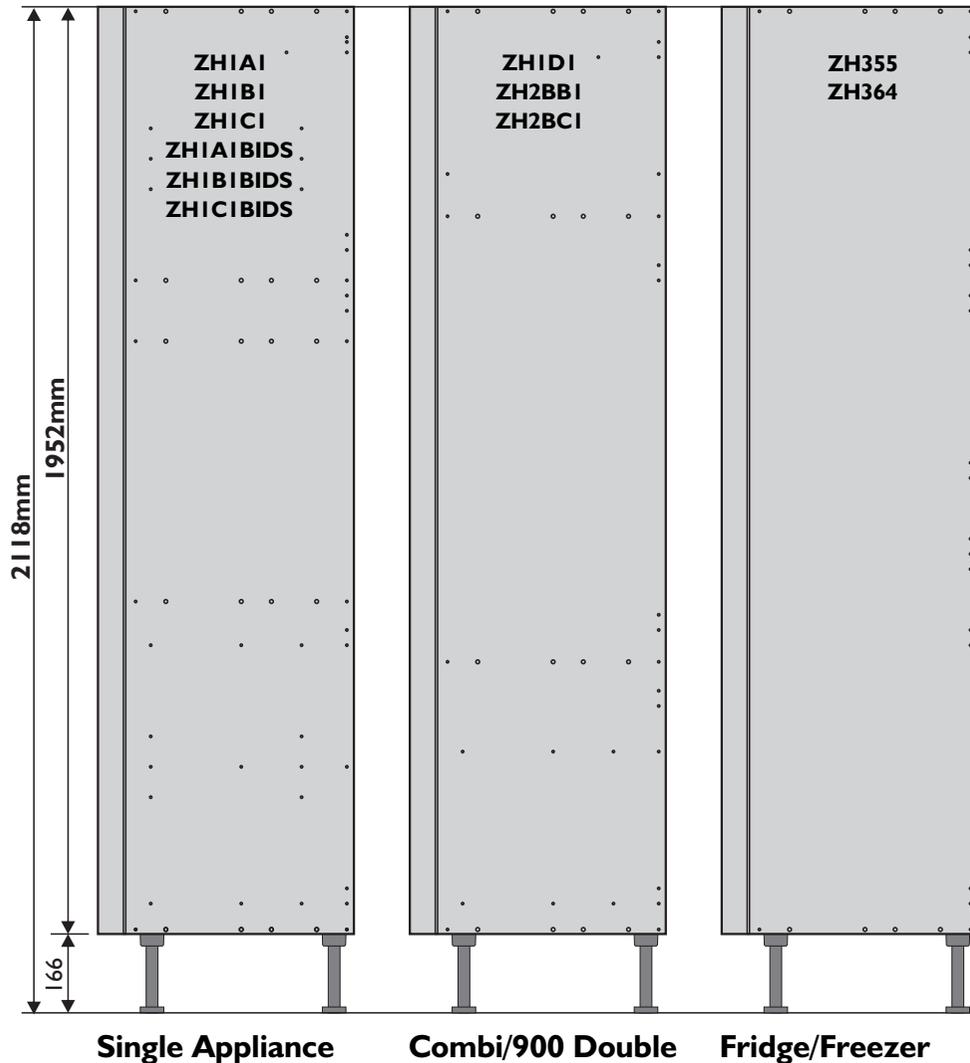
- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal

See pages 70-74 for frontal fixing positions for drawer and flap doors.

2118 Tall Units- End panel types

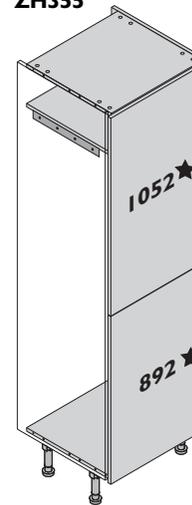
This section provides information on fixing positions for the 2118 Tall units. The end panels used are shown below as a guide to use to confirm that the correct end panel is being used for assembling the unit.

Please Note: Not all shelf positions have pre-drilled fixing holes. In these cases, use the brackets provided to fix the shelves. The shelf position may depend on the heights of the appliances.



2118 Tall-Fridge/Freezer Units

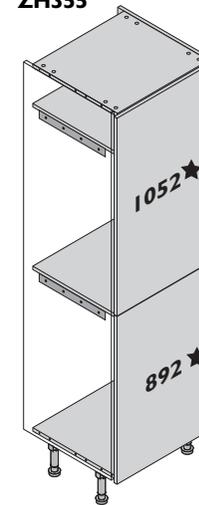
ZH355



50/50

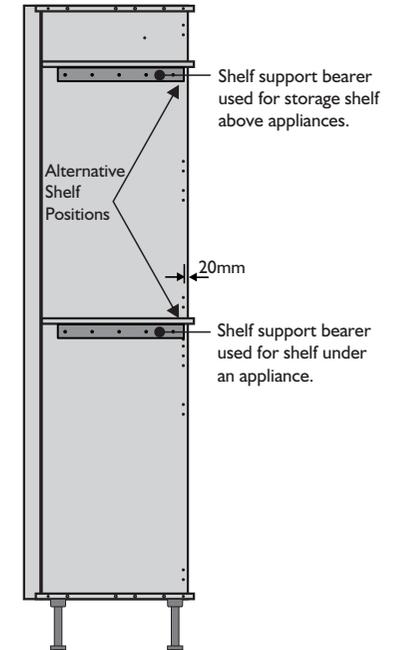
Aperture	Frontal
2000mm	1052mm★
	892mm★

ZH355



50/50

Aperture	Frontal
2000mm	1052mm★
	892mm★

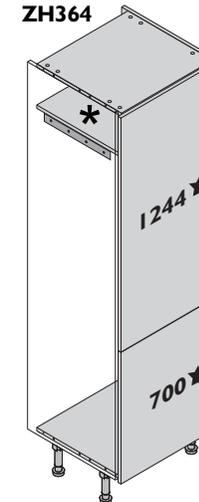


There are no pre-drilled shelf positions for the appliance housings. The shelf should be positioned to suit the height of the appliances being fitted to the unit. Where space allows, a shelf may also be fitted above the appliance for extra storage.

- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal

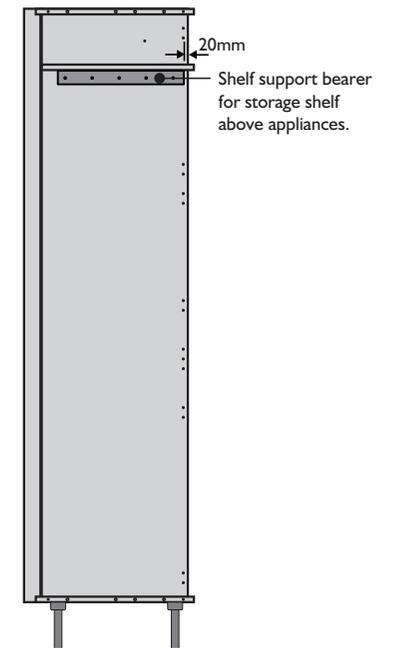
See pages 70-74 for frontal fixing positions for drawer and flap doors.

ZH364



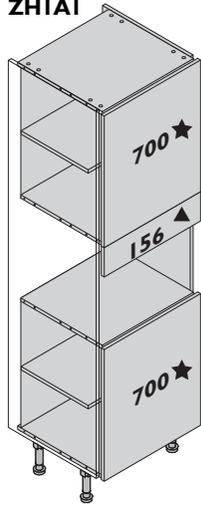
60/40

Aperture	Frontal
2000mm	1244mm★
	700mm★



2118 Tall- Single Appliance Units

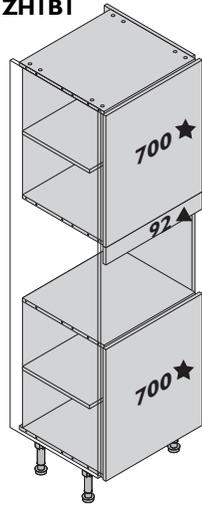
ZHIAI



380 Appliance
Aperture Frontal

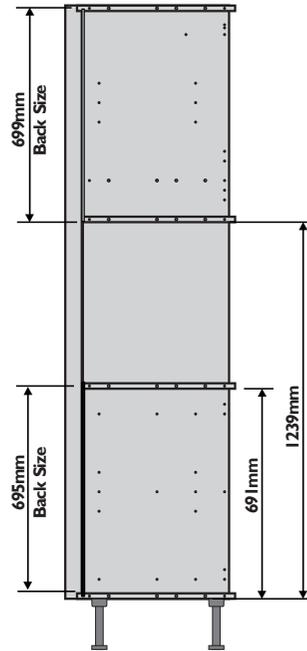
450mm	700mm★
	156mm▲
	700mm★

ZHIBI

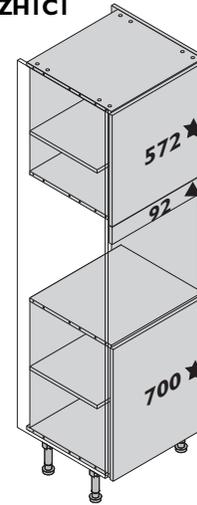


450 Appliance
Aperture Frontal

450mm	700mm★
	92mm▲
	700mm★

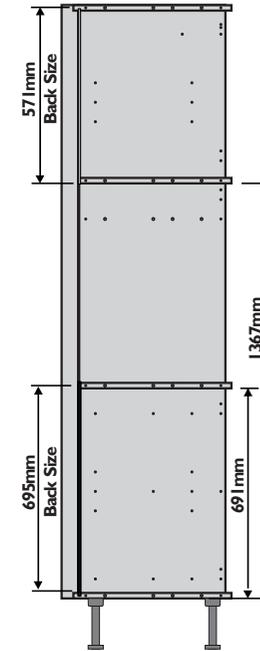


ZHICI



Single Oven
Aperture Frontal

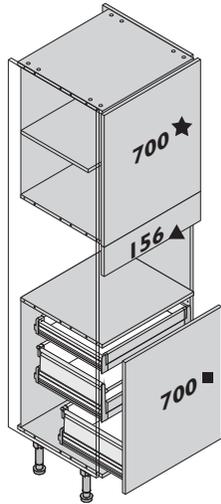
595mm	572mm★
	92mm▲
	700mm★



- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal

See pages 70-74 for frontal fixing positions for drawer and flap doors.

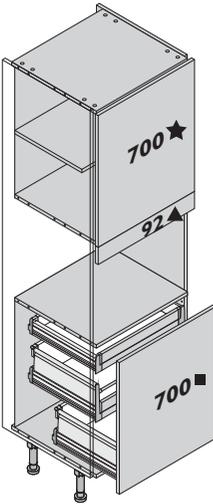
ZHIAIBIDS



380 Appliance BIDS
Aperture Frontal

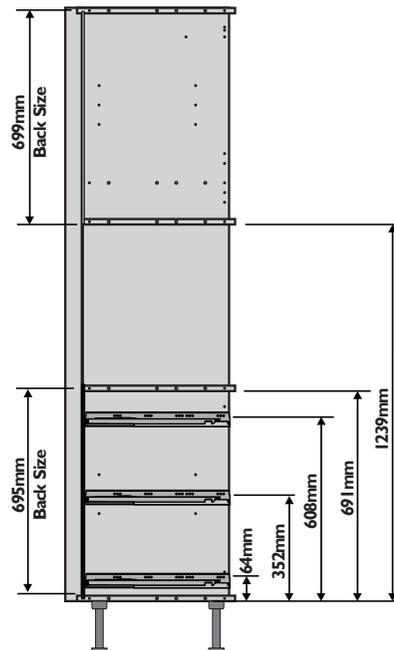
450mm	700mm★
	156mm▲
	700mm■

ZHIBIBIDS

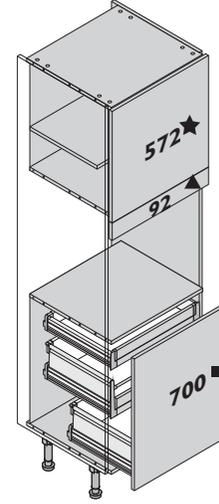


450 Appliance BIDS
Aperture Frontal

450mm	700mm★
	92mm▲
	700mm■

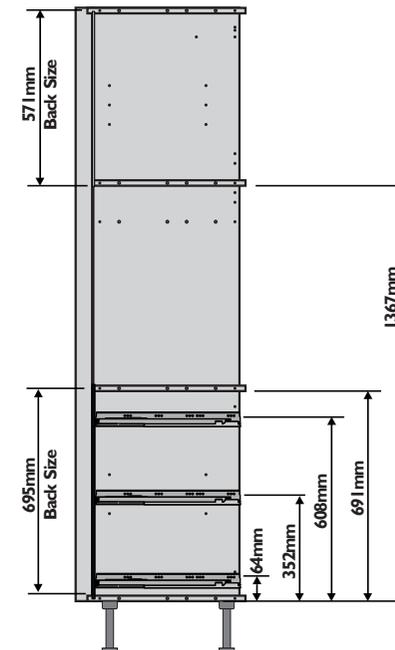


ZHICIBIDS



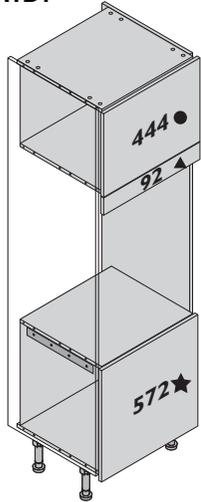
Single Oven BIDS
Aperture Frontal

595mm	572mm★
	92mm▲
	700mm★



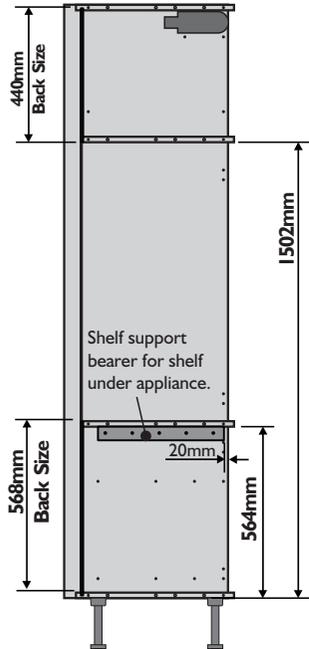
2118 Tall- Combi/900 Double Units

ZH1DI



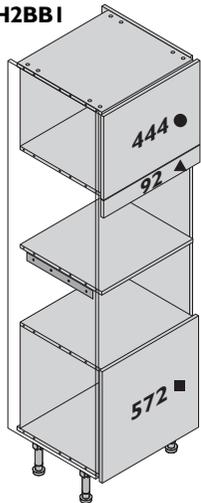
900 Double Oven
Aperture Frontal

900mm	444mm ●
	92mm ▲
	572mm ★



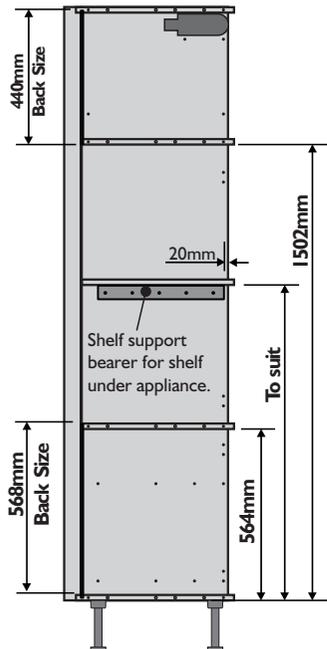
Shelf support bearer used to reinforce shelf.

ZH2BBI



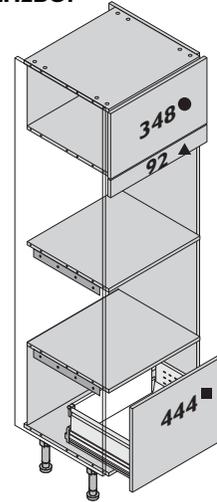
450 Appliance + 450 Appliance
Aperture Frontal

450mm	444mm ●
450mm	92mm ▲
	572mm ■



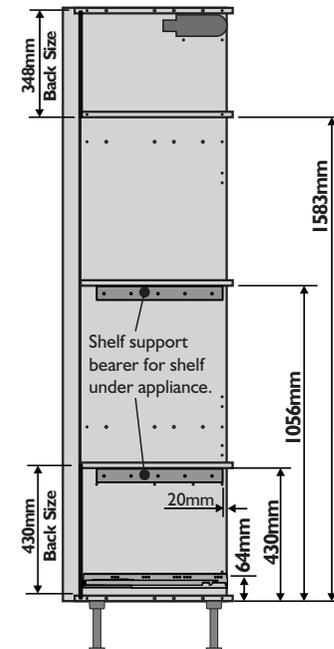
Shelf support bearer used to support shelf where the side has not been drilled for fittings.

ZH2BCI



Single Oven + 450 Appliance
Aperture Frontal

450mm	348mm ●
600mm	92mm ▲
	444mm ■



Shelf support bearers used to support shelf where the side has not been drilled for fittings.

- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal

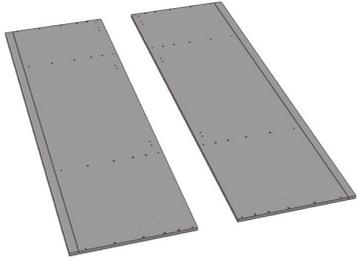
See pages 70-74 for frontal fixing positions for drawer and flap doors.

Tower Appliance Housing

Flat Pack Unit Generalised Assembly

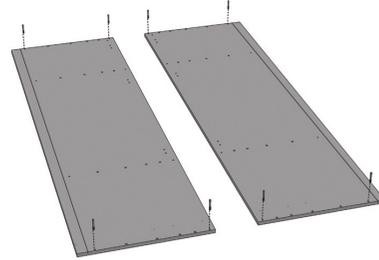
This section is a generalised assembly for the Tower units. Refer to the information on each type of unit for specific information on shelf position, drawer quantities etc.

01 Panel preparation



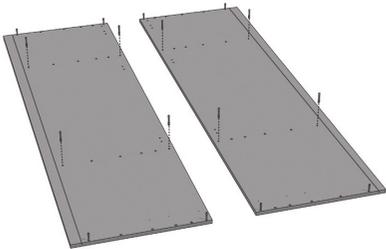
Lay side panels flat on the floor, ensuring the front edges of the side panels face each other (the colour of the edge tape will be determined by the kitchen range chosen).

02 Side panel preparation



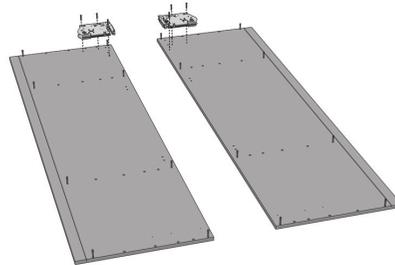
Screw the metal dowels into the 2 outer pre-drilled 6mm holes of each side panel for fixing the top and bottom panel.

03 Fixed shelves



Screw the metal dowels into the pre-drilled 6mm holes for the fixed shelves.

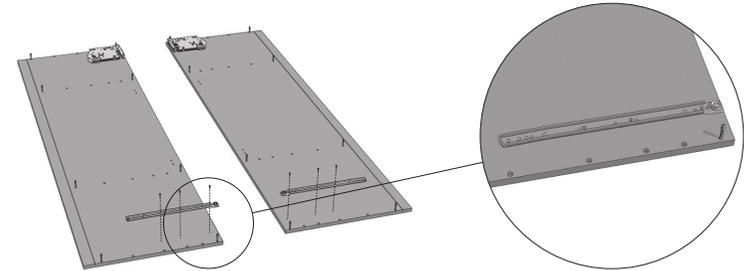
04 Flap door hinge



Fix the flap hinge brackets at the top front edge of the side panels using 3 x screws per bracket (supplied).

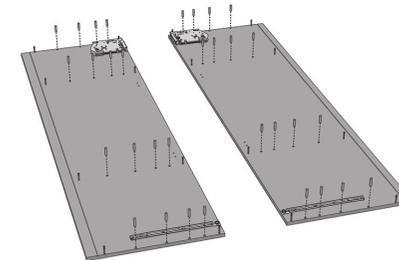
Refer to pages 70 -72 for information on frontal and mechanism fixing and adjustment.

05 Drawer runners



Refer to the section covering drawer frontal and runner fixing and adjustment. Pages 56 -59.

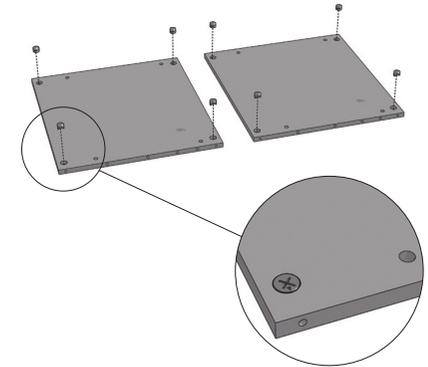
06 Wooden dowel fitting



Insert glue into the wooden dowel holes of the top, bottom and shelf positions, then insert wooden dowels into side panels:

Note: Refer to the matrix for information.

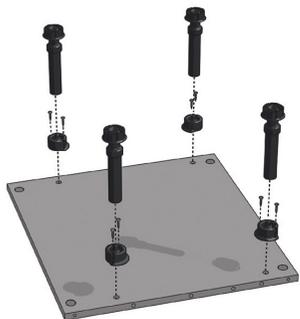
07 Top & bottom panels



Insert 4 x circular cam locks into the top and bottom panels. Ensure that the arrow on the cam lock points towards the outside of the unit when in position.

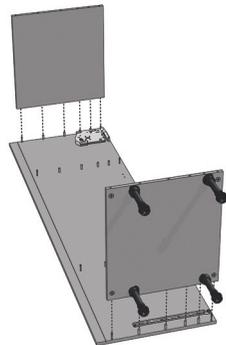
Note: some tower units have shelf panels that require cam locks inserting. When the shelves are in position within the housing, the shelf cams should face towards the base of the unit (On the underside of the shelf).

08 Leg fitting



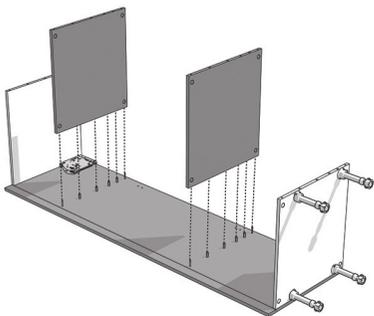
Attach the legs to the bottom panel before attaching the bottom panel to the side panel. See **Pg 22** for leg fitting instructions.

09 Top & bottom panel fitting



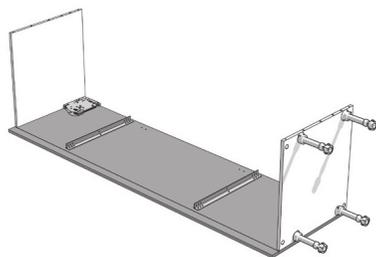
Insert glue into the wooden dowel holes of the top and bottom and shelf panels. Slot the top, bottom and shelf panels onto the wooden and metal dowels in the side panel. Ensure that the cams in the top and bottom panels face outwards.

10 Fixed shelves



The cams on the shelf panels should be on the underside of the shelf when in position.

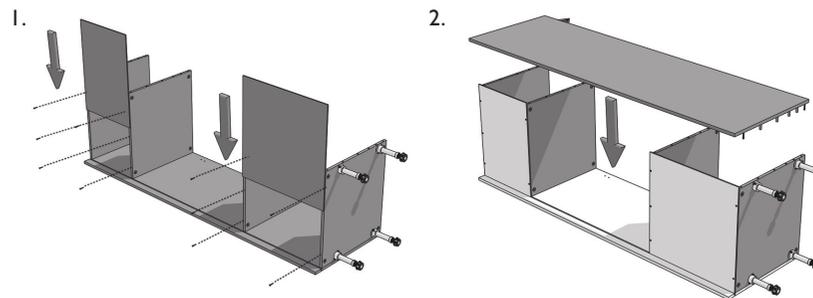
11 'L' shaped support brackets



Fix the 'L' shaped support brackets onto the side panels to the required apertures.

The front edge of the 'L' shaped support brackets should be positioned 20mm back from the front edge of the side panel. Please refer to the specific housing information for details on quantities and positions.

13 Fitting side panels & securing back panels



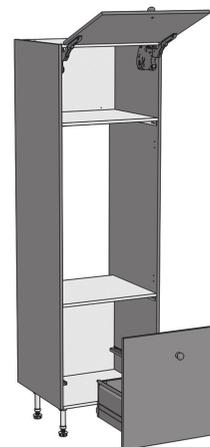
1. Slide the back panels into position. Secure the back panels onto the unit by using 4.5Ø x 13mm RND screws. These can be found in the hardware pack.

Note Trim back panels to size if necessary.

2. Once the top, bottom and necessary shelf panels are secure to one of the side panels, the remaining side panel can be connected. Insert glue into the top, bottom and shelf panel wooden dowel holes as before, then place the remaining side panel on top of the part assembled unit.

Secure this panel by tightening the cams in the top, bottom and necessary shelf panels with one half turn using a screwdriver. When the unit is assembled and secure, turn it so that the back of the unit is resting on the floor. Then lift the unit upright.

14 Flap hinge fitting



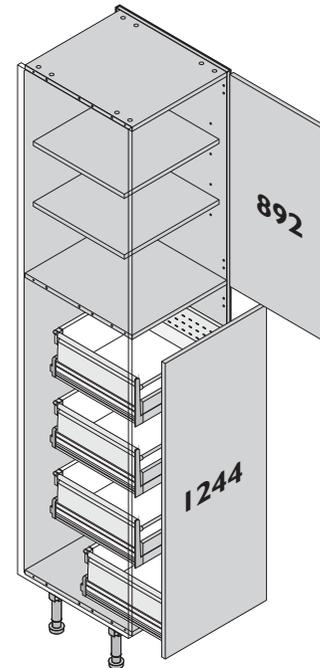
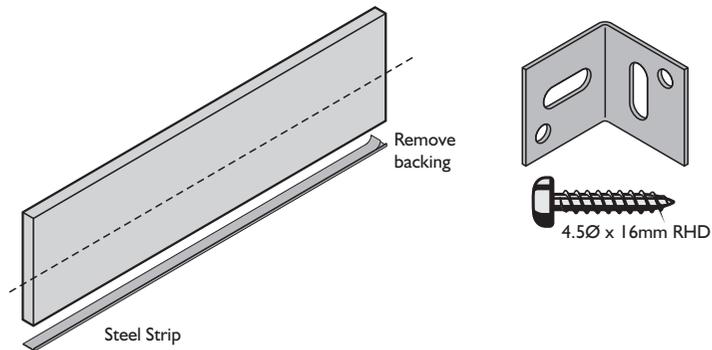
See **Pgs 34–35** for fitting instructions.

2310 & 2118 Tall Units- BIDS Larder Configuration

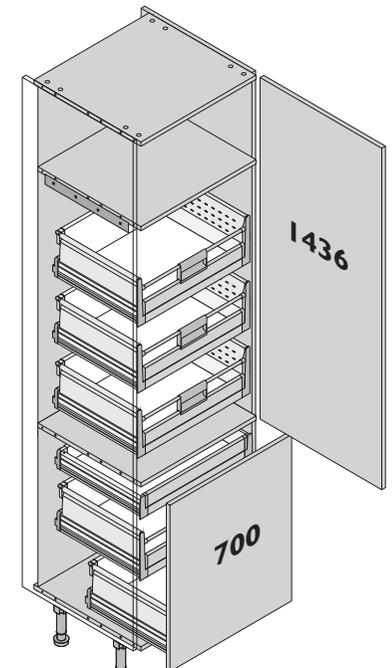
15 Filler Frontal cutting

Filler Frontals are supplied oversized and require cutting to suit the gap above some appliances. A piece of steel trim is supplied to cover the cut edge and is attached with adhesive tape.

The filler panels are fitted with brackets.



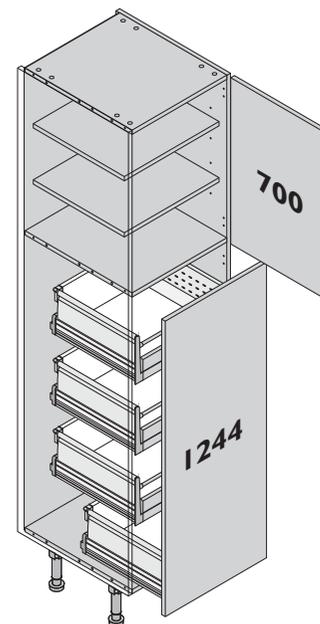
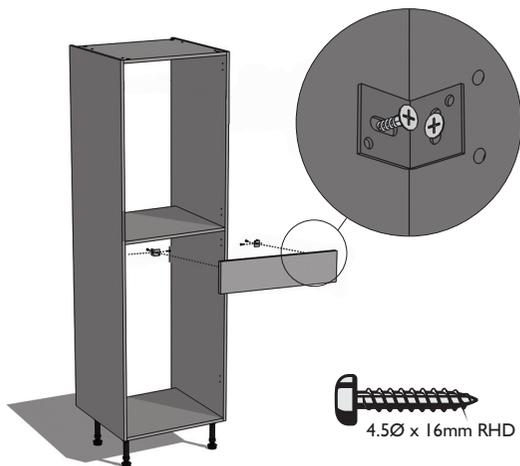
2310 Tall- 500 BIDS Larder



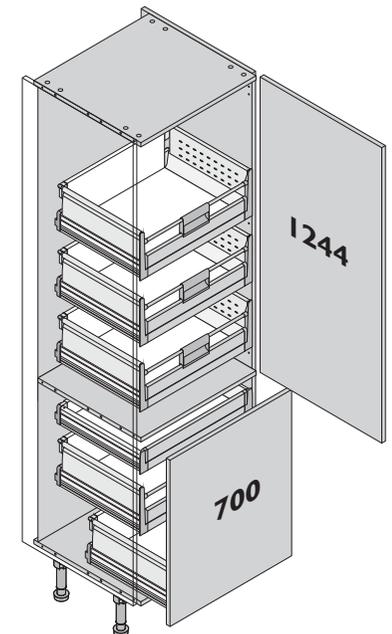
2310 Tall- 600 BIDS Larder

16 Filler frontal fixing

Note: Attach frontal panels before fitting the appliance(s).



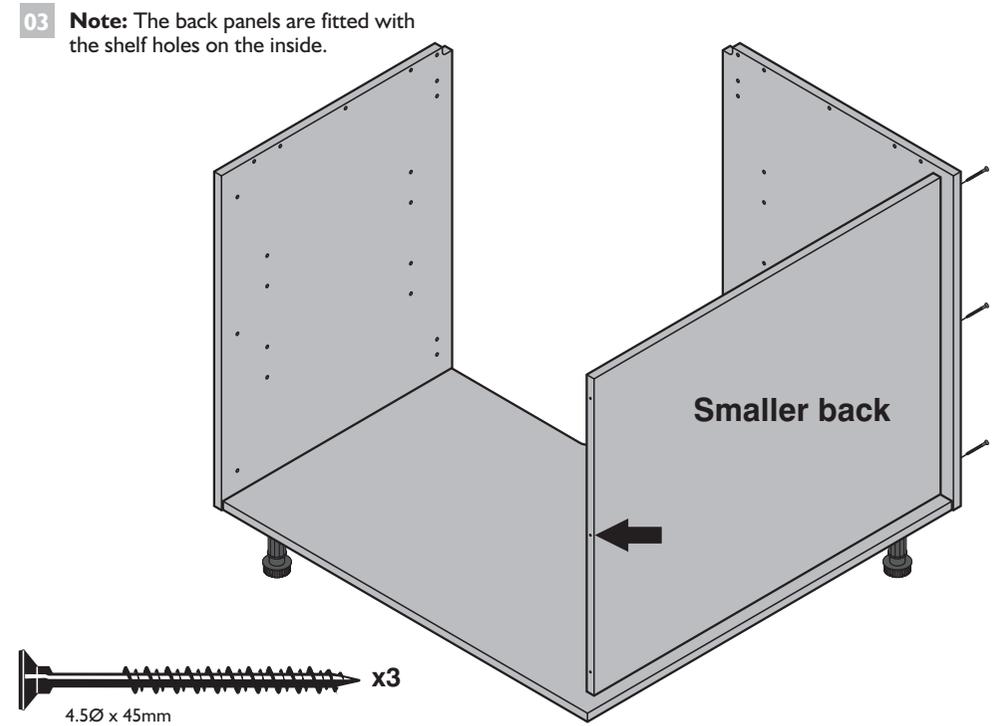
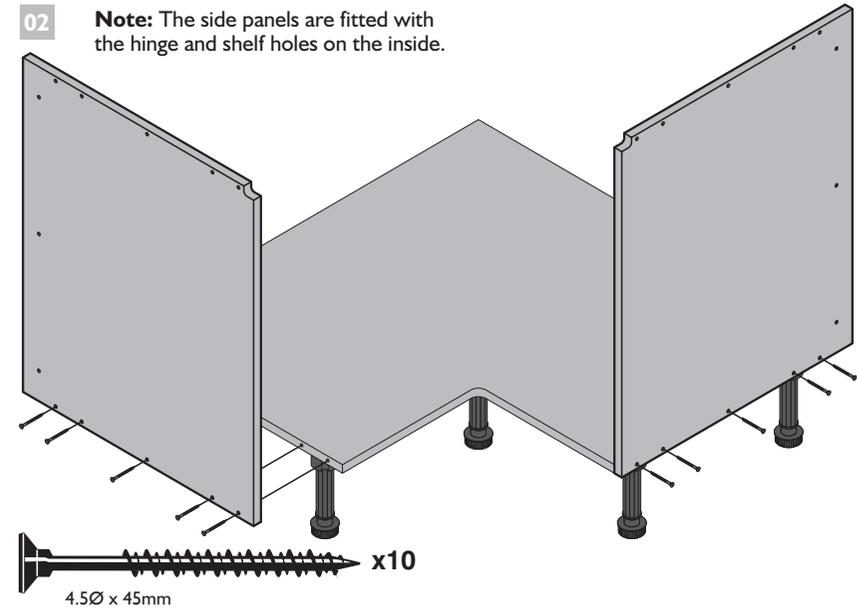
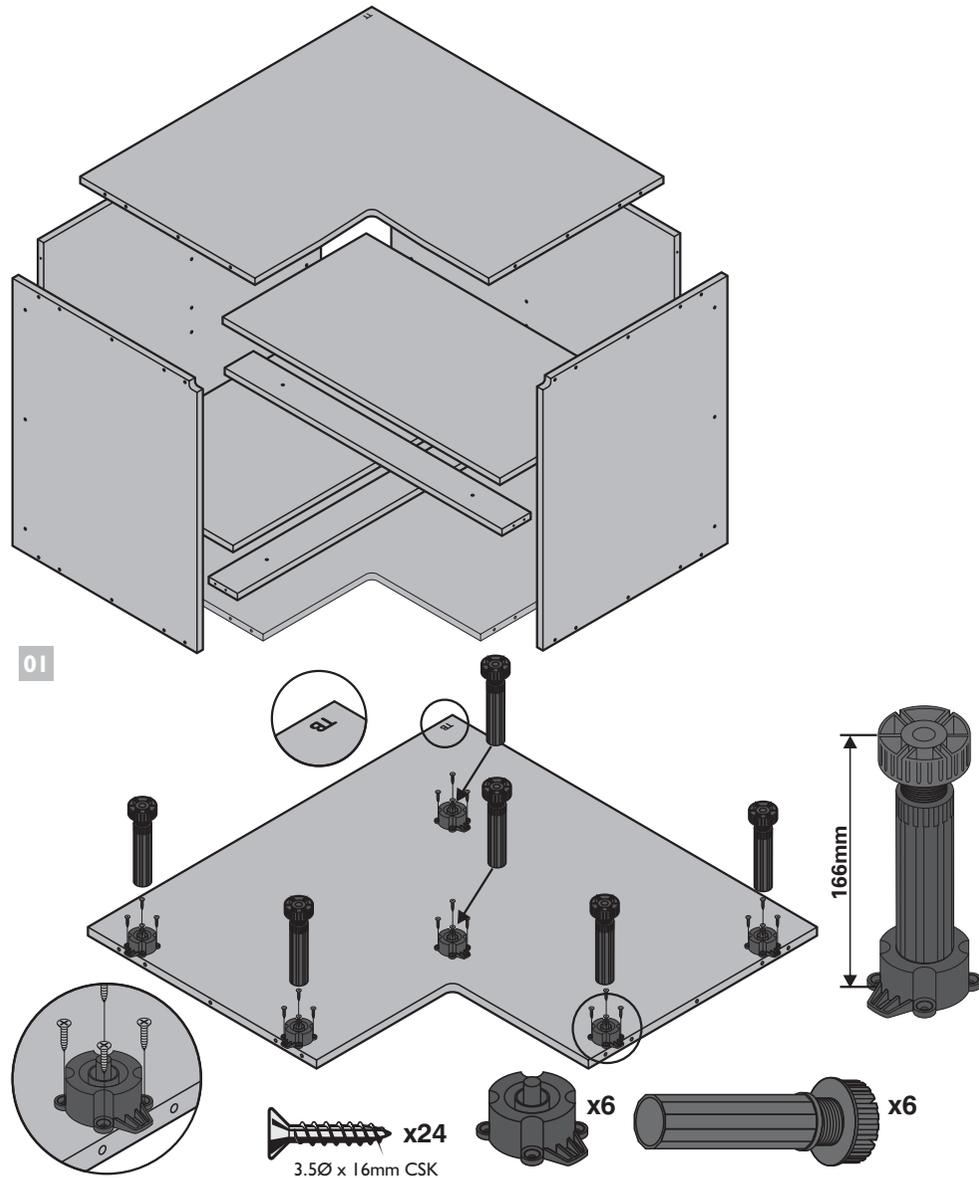
2118 Tall- 500 BIDS Larder



2118 Tall- 600 BIDS Larder

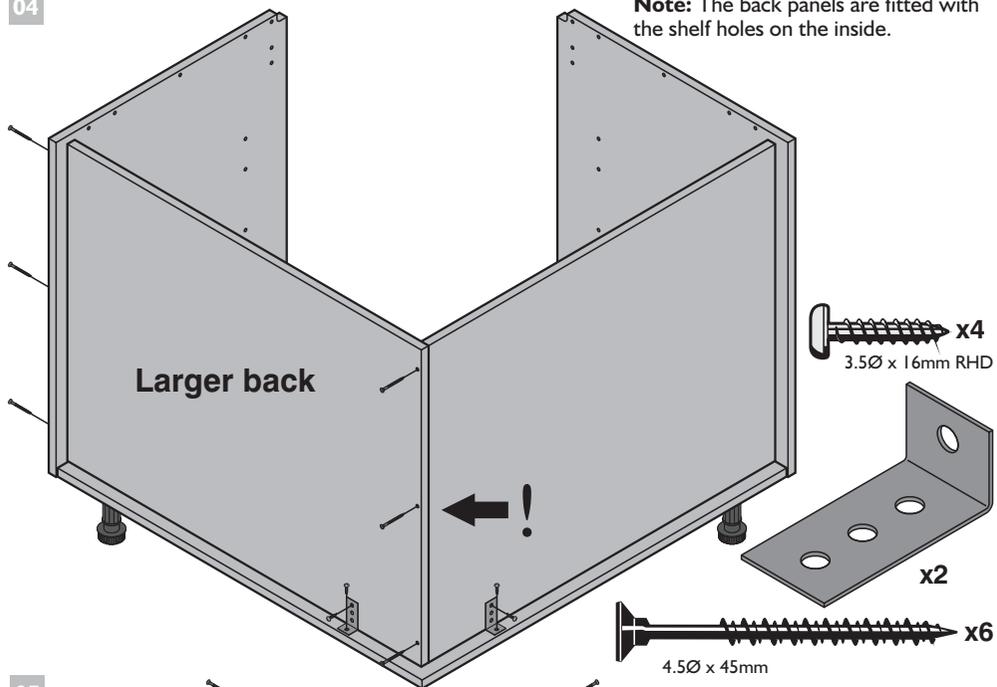
L-Shaped Corner Floor Unit Assembly

Note: The L-shaped Corner Base is supplied in three boxes plus one more if a shelf is being fitted. Frontals and corner post are supplied separately. Schreiber base appliances are supplied flat packed to prevent access issues with large cabinets and to make customisation easier.

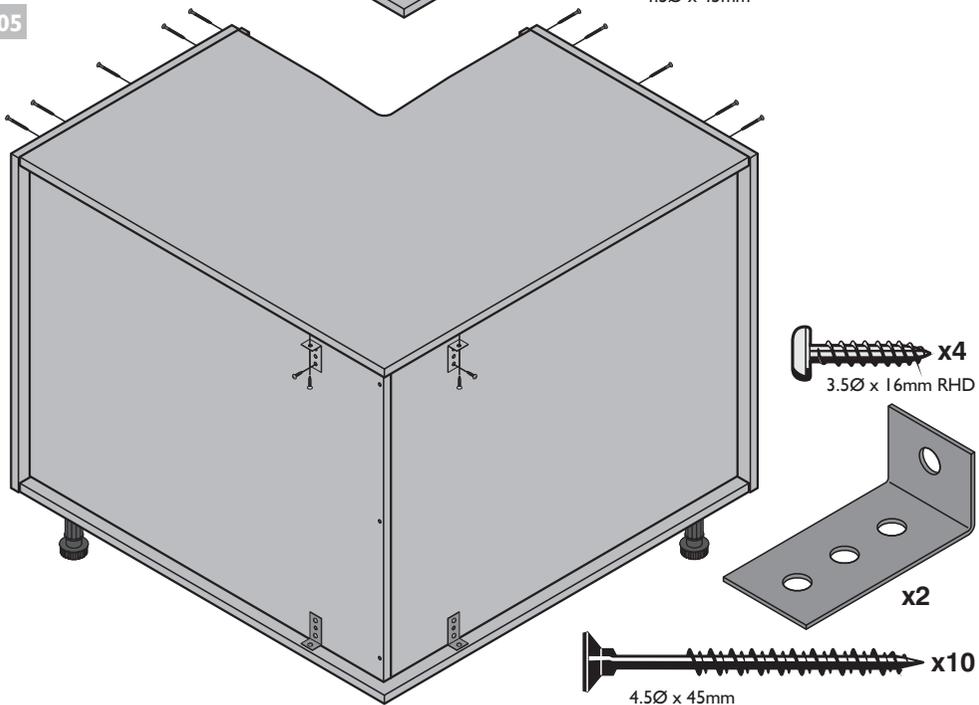


04

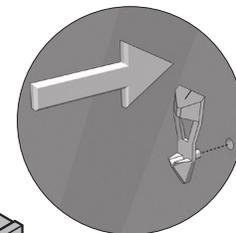
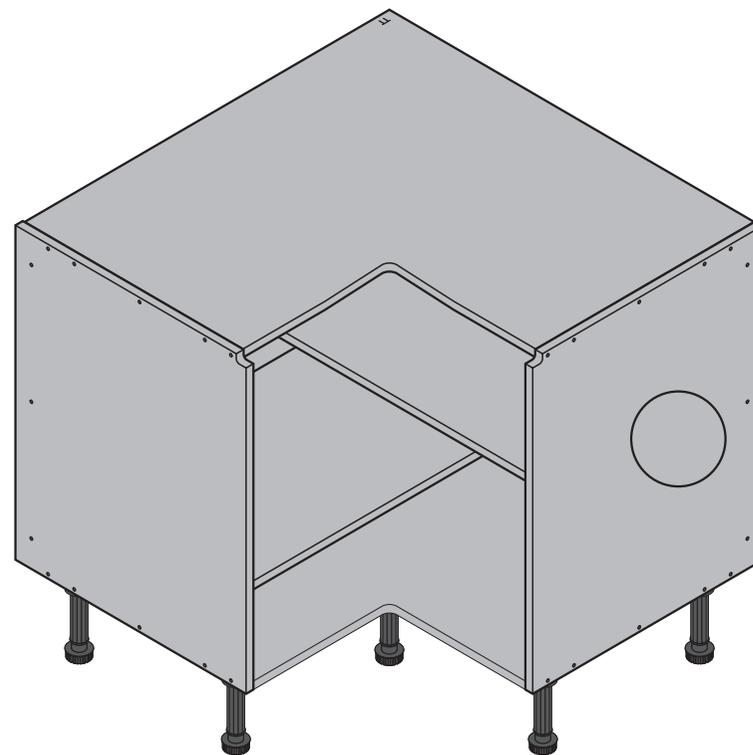
Note: The back panels are fitted with the shelf holes on the inside.



05

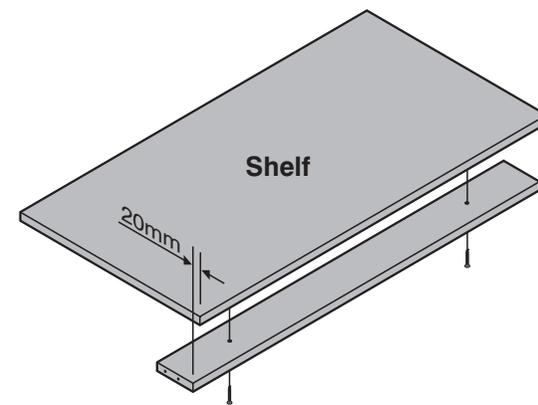


06



Optional Test level 'H'

For Test level 'H' purposes, attach the supplied rail to the underside of the shelf. Set the rail back 20mm from the front edge.



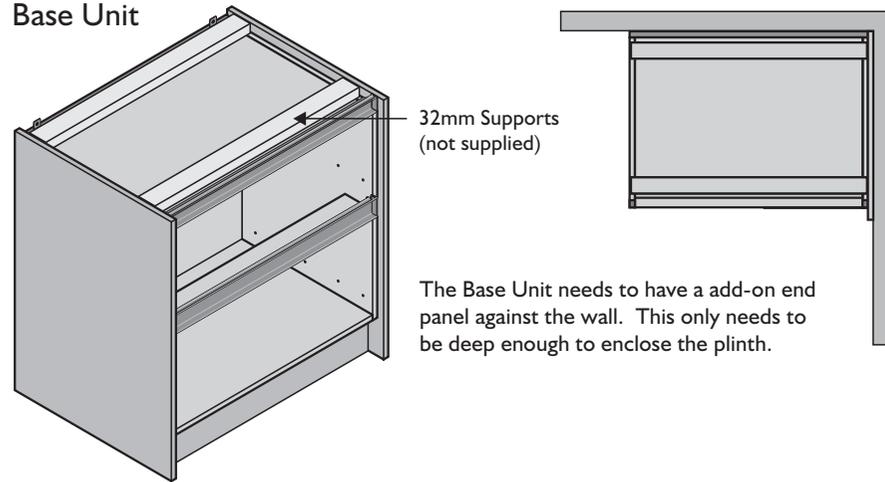
Section 5- Installation

Planning and Starting to Install Your Kitchen

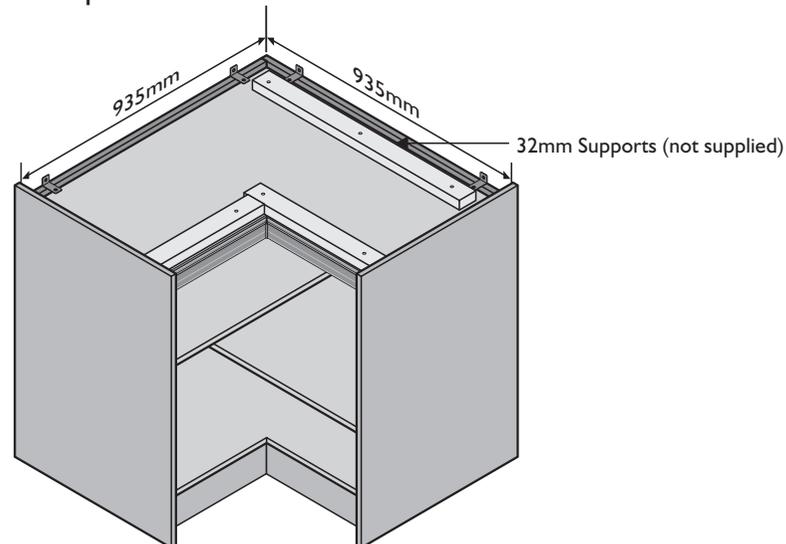
For most kitchens, the best approach is to start with the floor standing units beginning in a corner. The starting unit will be a base unit, a conventional corner base arrangement of two base units, a 935 x 935 corner base cabinet or a tall unit. The first two are supplied ready to install but the 935 x 935 corner base cabinet and full-height tall unit have to be assembled first. Battens must be fitted behind all these units.

Units with solid tops need to be fitted with 32mm supports under the worktop. Open top units are fitted with brackets.

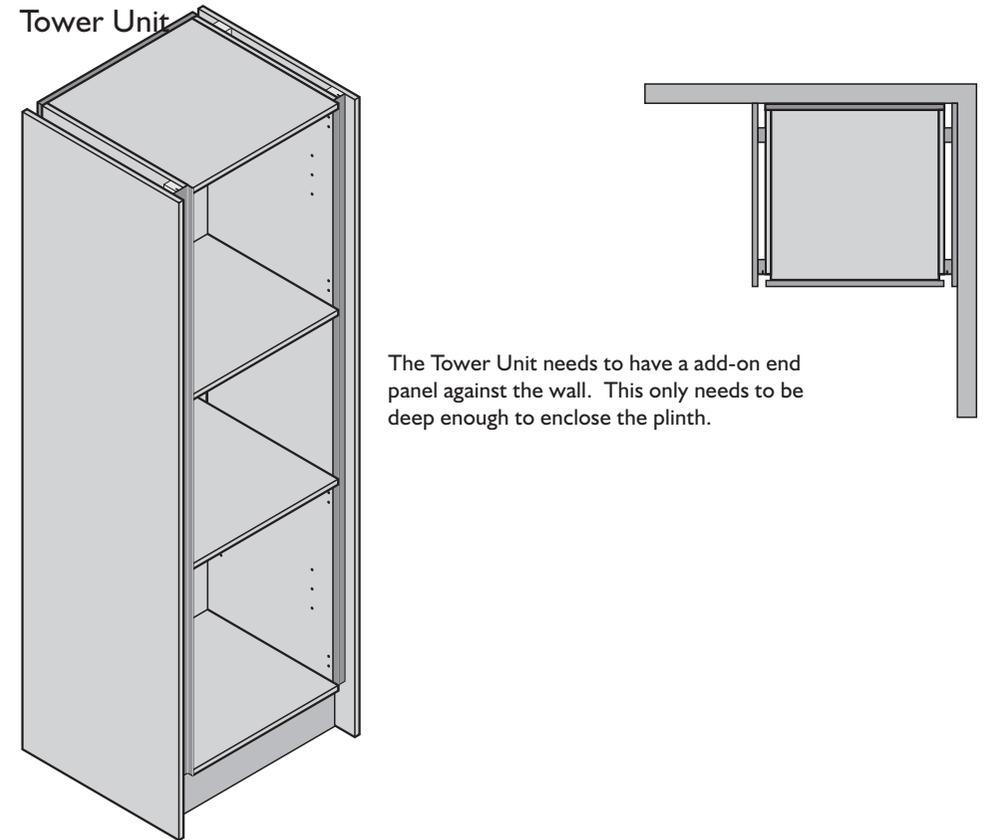
Base Unit



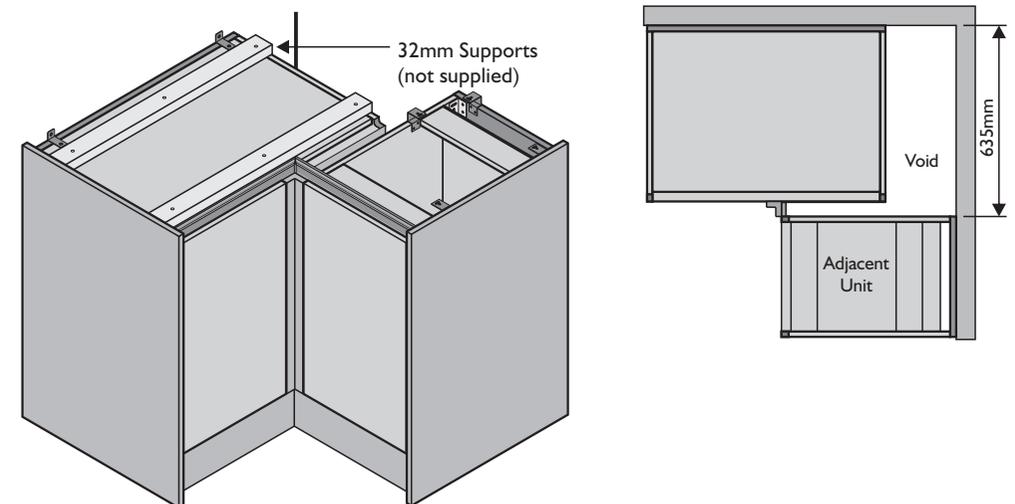
L-Shaped Corner Base Unit



Tower Unit



Conventional Corner Base Unit



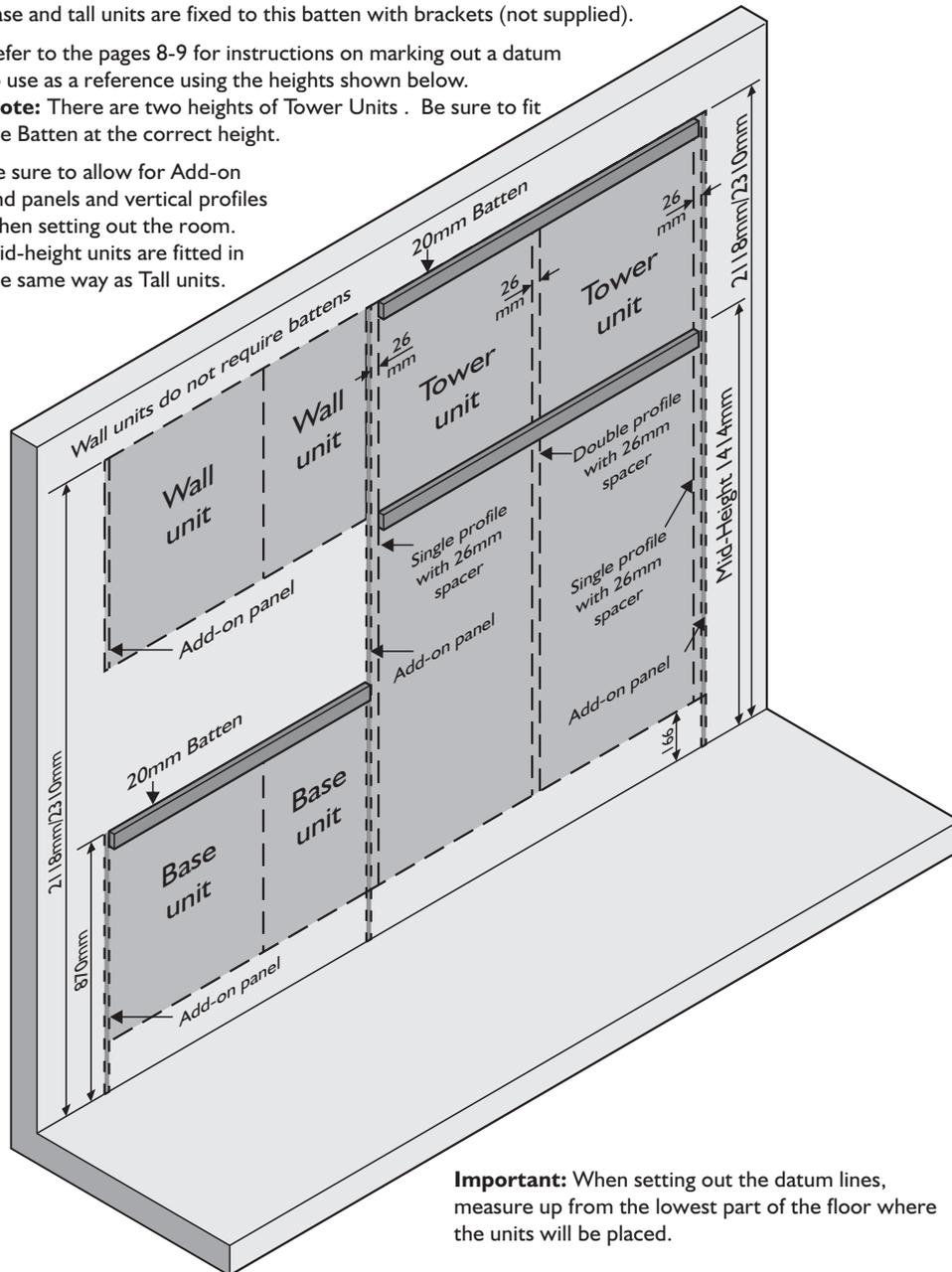
20mm Battens (not supplied)

All units except for wall units need to have a 20mm thick batten attached to the wall level with the top of the unit. See page 10 for more information. The batten must be securely fastened to the wall as the base and tall units are fixed to this batten with brackets (not supplied).

Refer to the pages 8-9 for instructions on marking out a datum to use as a reference using the heights shown below.

Note: There are two heights of Tower Units. Be sure to fit the Batten at the correct height.

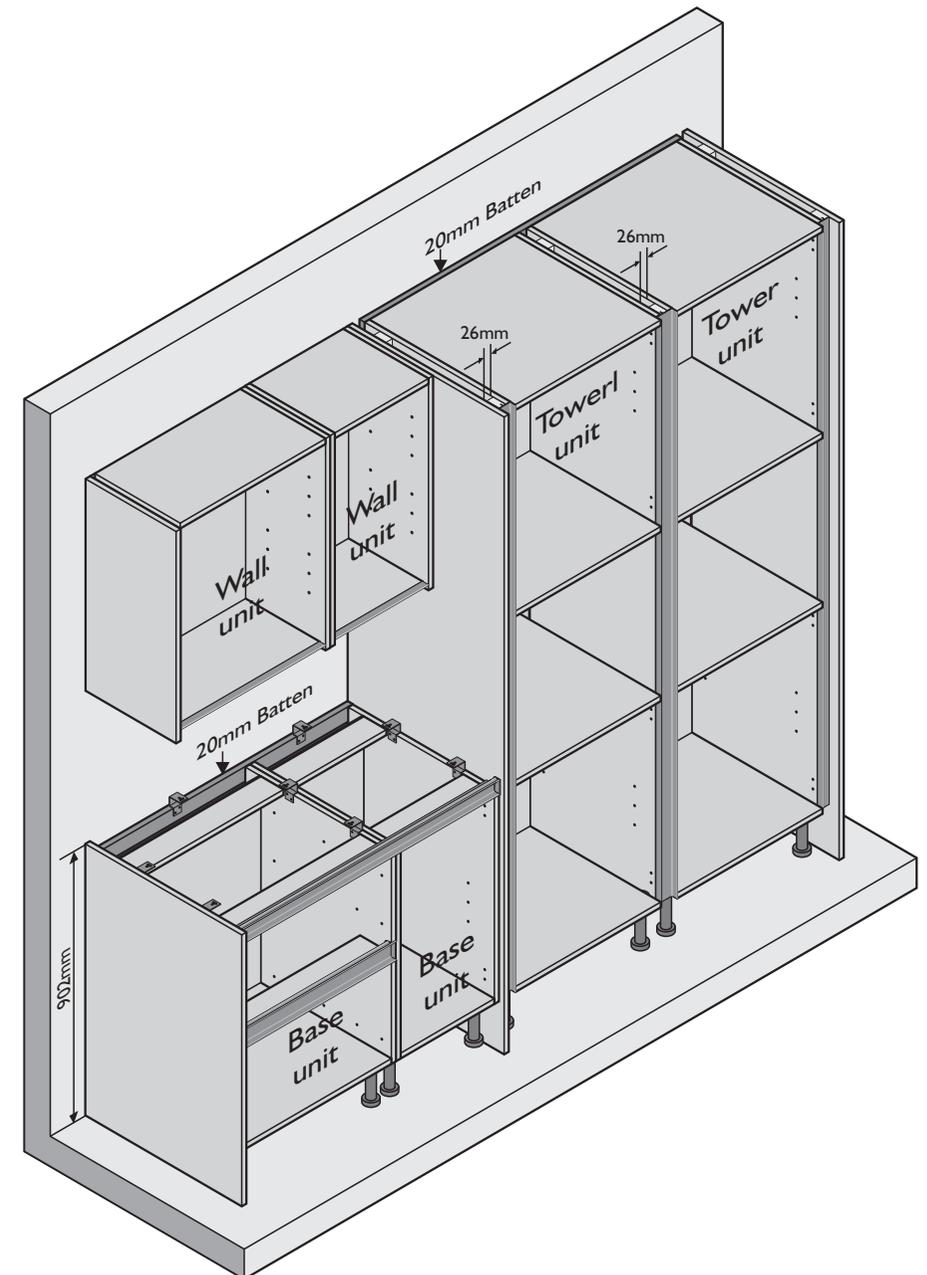
Be sure to allow for Add-on end panels and vertical profiles when setting out the room. Mid-height units are fitted in the same way as Tall units.



Important: When setting out the datum lines, measure up from the lowest part of the floor where the units will be placed.

Units after fitting

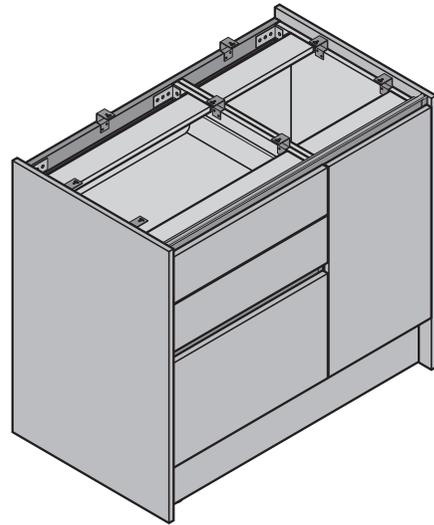
This illustration shows how the units in the previous drawing will appear after fitting but before adding doors, worktops etc.



Base Unit Installation

All Base units need to have a 20mm thick batten attached to the wall level with the top of the unit. See page 7 for more information. Refer to pages 8-9 for instructions in marking out a datum to use as a reference (870mm for standard height base unit).

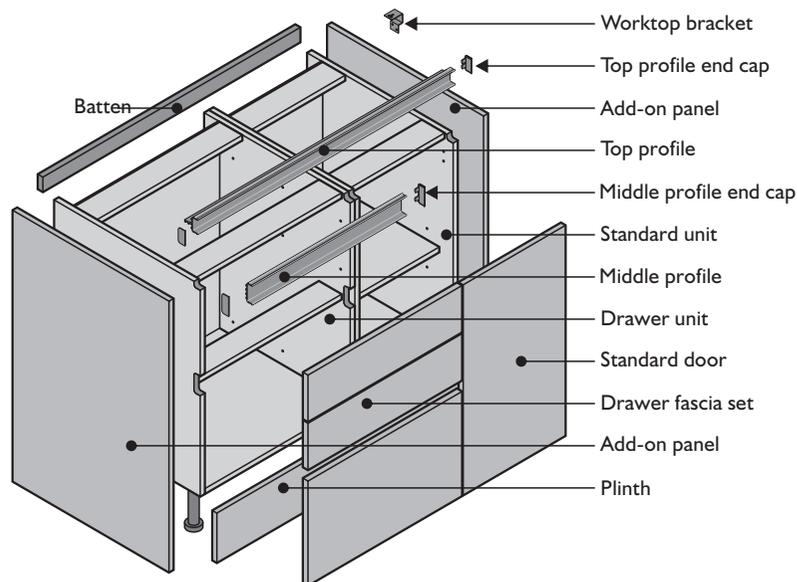
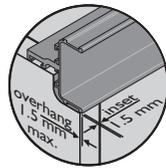
Important: Use a saw fitted with a blade suitable for cutting aluminium for cutting the profiles to size.



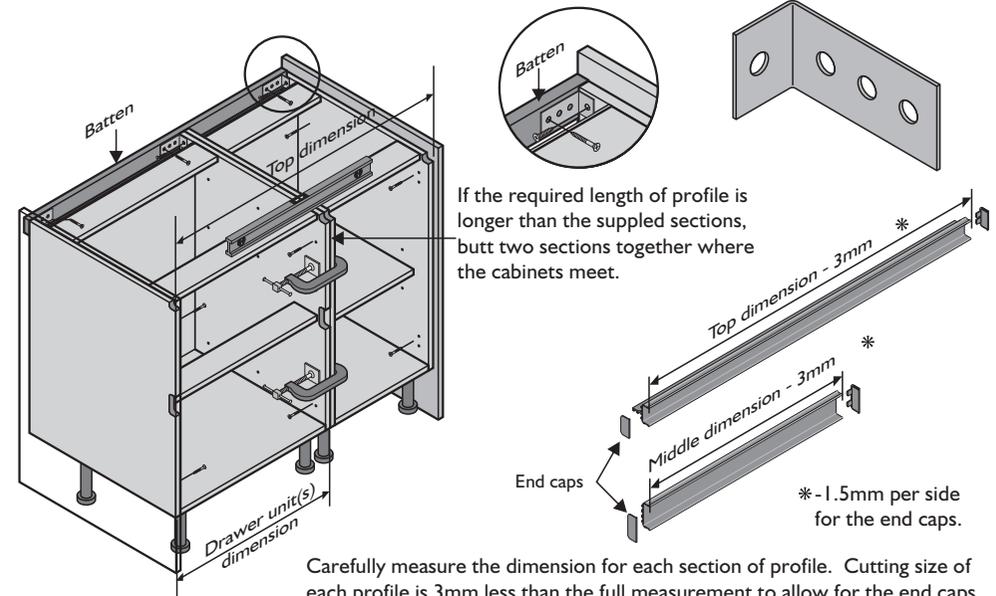
Seal all raw edges with a waterproof sealer particularly on units near sinks, dishwashers and other appliances.

When correctly fitted, both the top and middle profiles overhang the front edge of the side panels by a maximum of 1.5mm.

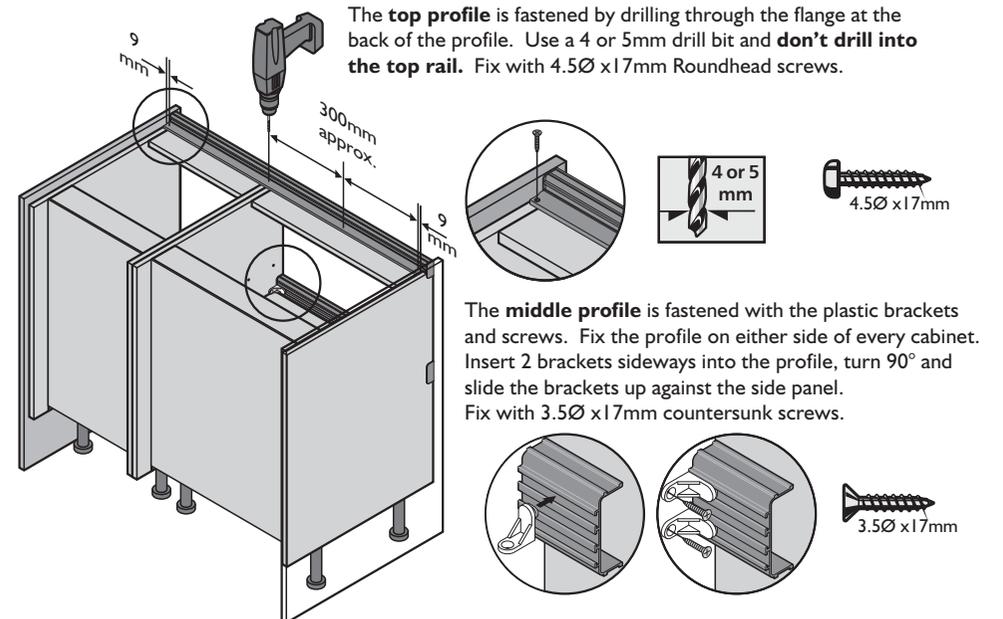
The profiles be inset 1.5mm in from the outside face of the side panels to allow for fitting the end caps.



Put in position all units in a run of units. If the run starts in a corner, read the instructions on corner units further on in this guide. Be sure to attach all add-on panels. Refer to the drawing plans of your kitchen to ensure nothing is missed. Level and join the units together. Attach brackets to the rear of the units and fix the units to the 20mm batten in position on the wall.

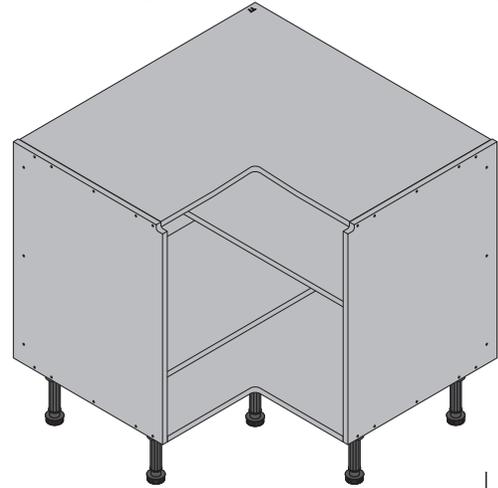


Carefully measure the dimension for each section of profile. Cutting size of each profile is 3mm less than the full measurement to allow for the end caps. Cut the profiles with a Mitre saw, ideally with an aluminium cutting blade.

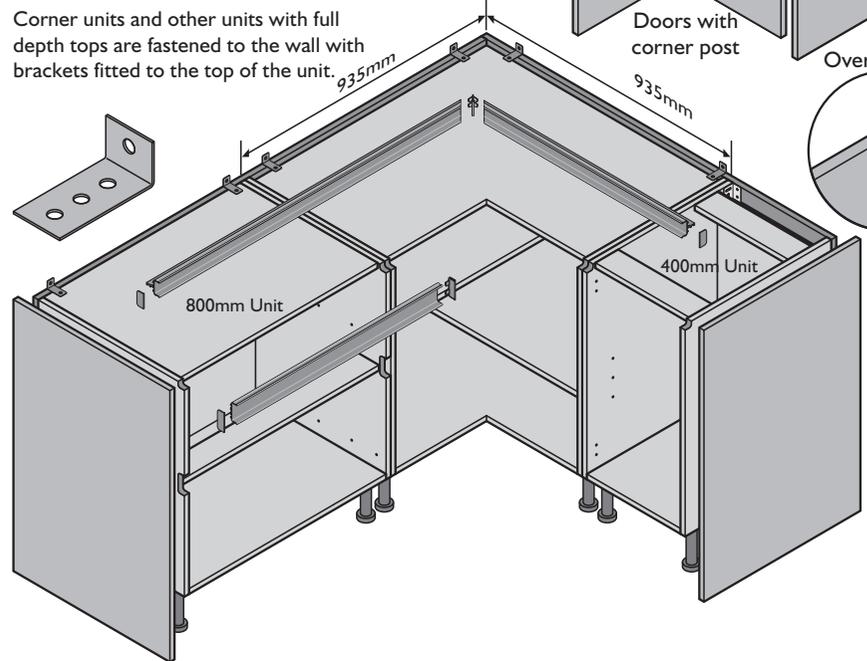
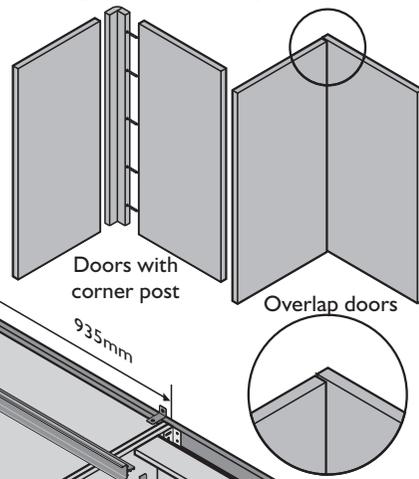


L-shaped Corner Base Installation

Corner Base units need to have a 20mm thick batten attached to the wall, level with the top of the unit. Refer to pages 8-9 for instructions in marking out a datum to use as a reference (870mm for standard height base units). Only the top extrusion is used with Corner units although drawer units may be positioned next to the Corner unit. Use a saw fitted with a blade suitable for cutting aluminium for cutting the profiles to size.

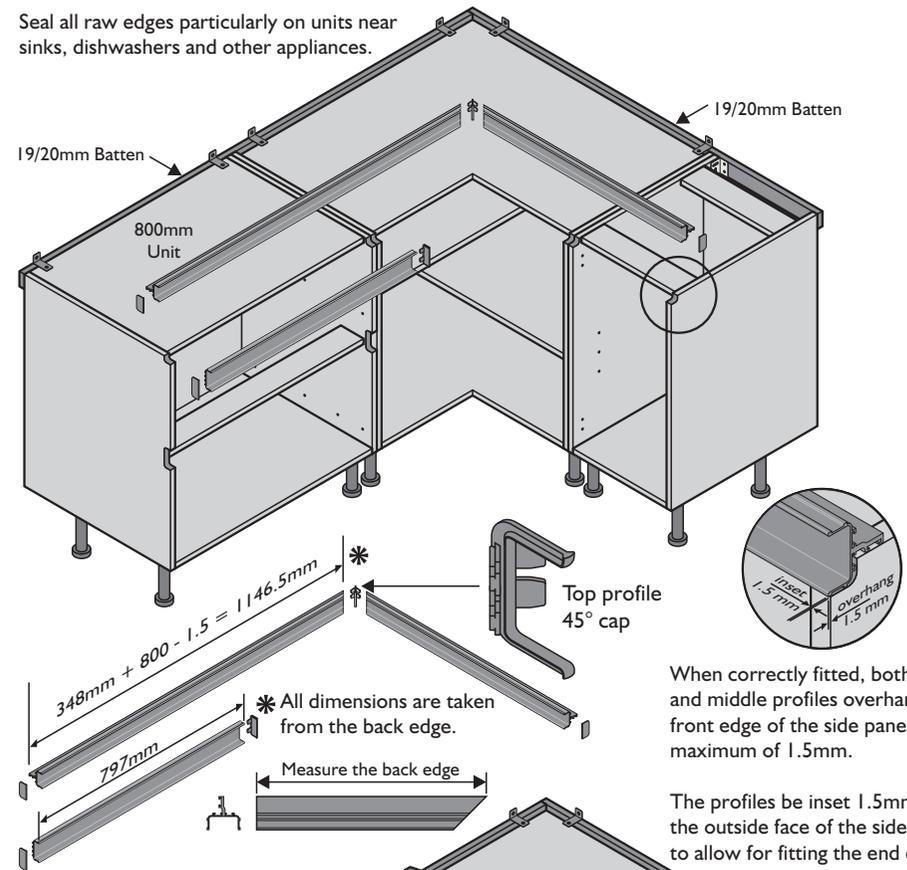


Important: This unit is supplied flat-packed and has to be assembled. It is large and should be assembled in the kitchen where it will be fitted. Refer to pages 26 to 29 for instructions. Some ranges have a corner post which has to be fitted to the edge of the door. Use dowels and glue to attach the corner post to the door. Other ranges have overlapping doors.



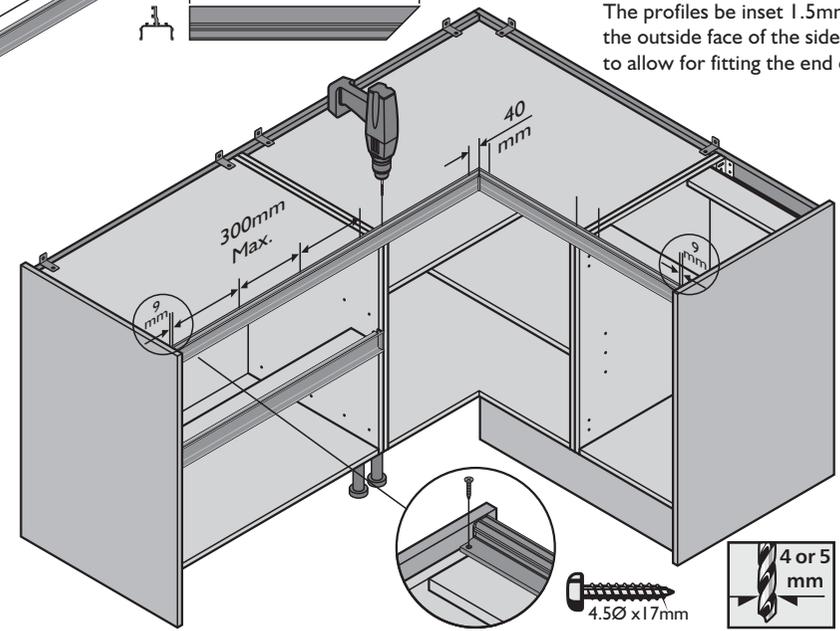
The measurement for cutting the **top profile** is to add 348mm to the width of the adjacent units - 1.5mm for the end cap at the end of the run of units. For example the left hand units shown above need the profile cutting to $348\text{mm} + 800 - 1.5 = 1146.5\text{mm}$. The cut length for the right hand unit is $348\text{mm} + 400 - 1.5 = 746.5\text{mm}$.

Seal all raw edges particularly on units near sinks, dishwashers and other appliances.



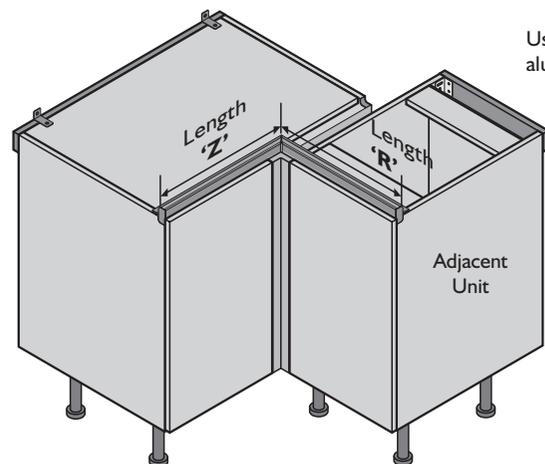
When correctly fitted, both the top and middle profiles overhang the front edge of the side panels by a maximum of 1.5mm.

The profiles be inset 1.5mm in from the outside face of the side panels to allow for fitting the end caps.

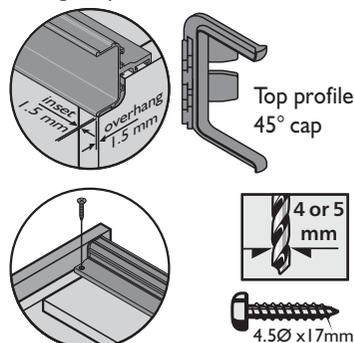


Conventional Corner Base Installation

Conventional corner units need to have a 20mm thick batten attached to the wall level with the top of the unit. Refer to pages 8 and 9 for instructions in marking out a datum to use as a reference. The adjacent unit has a corner post fitted to the front edge. Use brackets to attach the corner post to the unit. A blanking panel is used to cover the open front of the unit between the corner post and the wall. Only the top extrusion is used with corner units. Drawer units may butt up to the side panel of the corner unit. Corner units and other units with full depth tops must be secured to the wall with brackets fitted to the unit top.

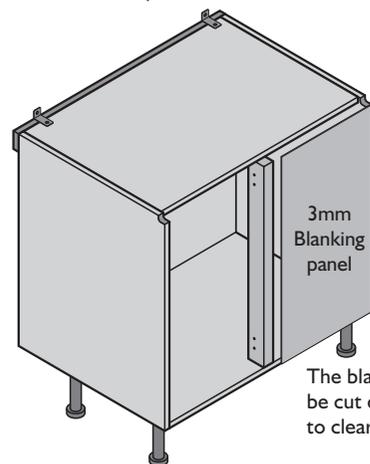


Use a saw fitted with a blade suitable for cutting aluminium for cutting the profiles to size.

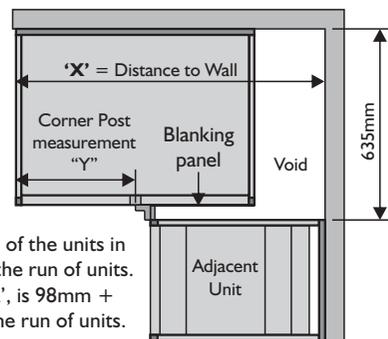
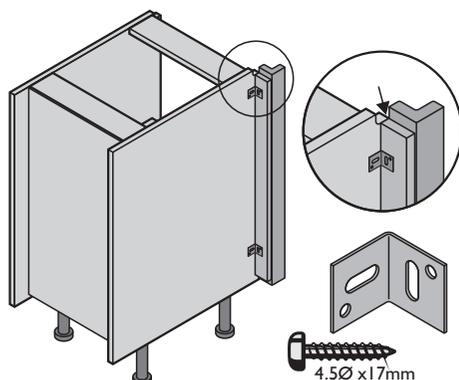


Unit Width	Door Width	Distance 'X'	Measure 'Y'	Length 'Z'
800	400	235	401.5	498
1000	450	85	451.5	548
1000	500	135	501.5	598
1000	600	235	601.5	698

The measurement for cutting the **top profile** is Length 'Z' + width of the units in the run with the corner unit - 1.5mm for the end cap at the end of the run of units. The measurement for cutting the **top profile** on the return side, 'R', is 98mm + width of the adjacent units - 1.5mm for the end cap at the end of the run of units.



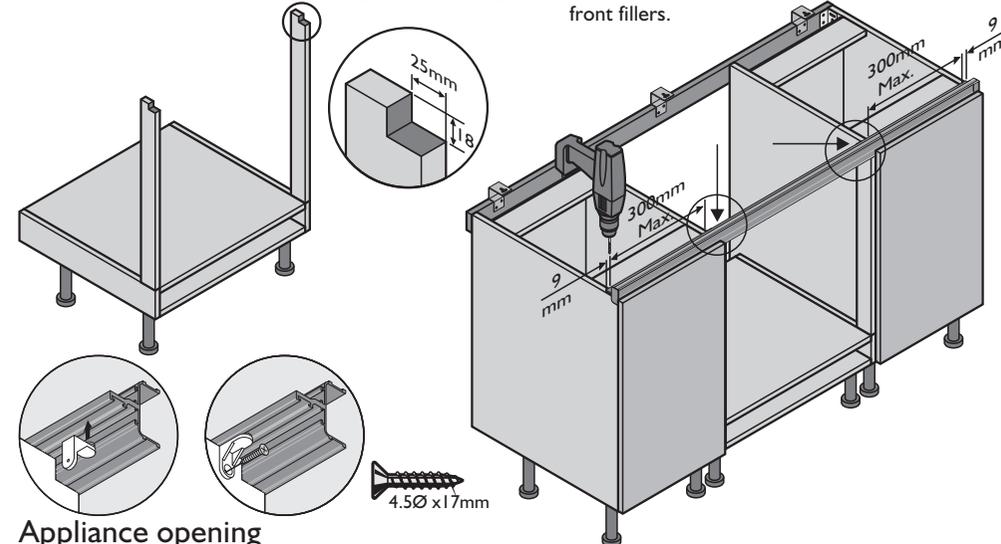
The blanking panel has to be cut down or notched to clear the profile.



Built-under oven unit

The top profile continues across the front of this unit and is secured on either side with the plastic brackets as shown. Drawer units may be used either side of the unit but the middle profile butts up to the vertical front fillers. It is necessary to cut a 25mm wide x 18mm deep notch into the vertical front fillers. Seal all raw edges after cutting.

The **top profile** has to be fastened with the plastic brackets and screws on either side of the appliance opening. Insert the bracket sideways into the Underside of the flange on the back of the profile, turn 90° and slide the bracket up against the vertical front fillers.



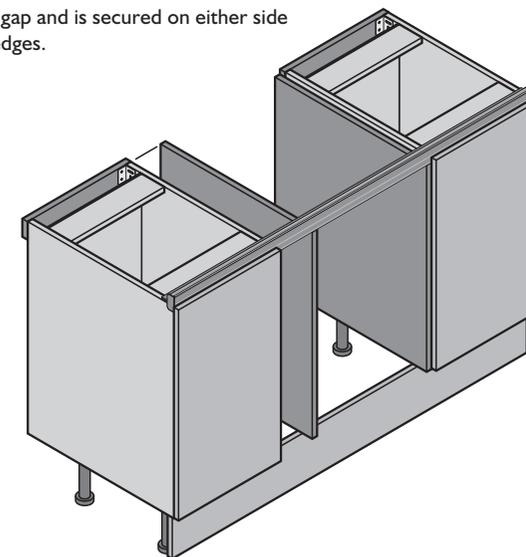
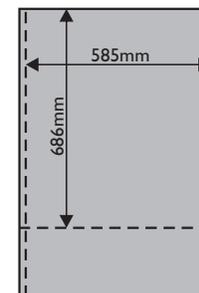
Appliance opening

An opening for an appliance either has units or an add-on end panel adjacent to the appliance. Add-on end panels are often used below bridging units so that the wall and base units are in line. It isn't necessary to fit the 20mm thick batten to the wall between the units.

The top profile continues across the front of this gap and is secured on either side with the plastic brackets as shown. Seal all raw edges.

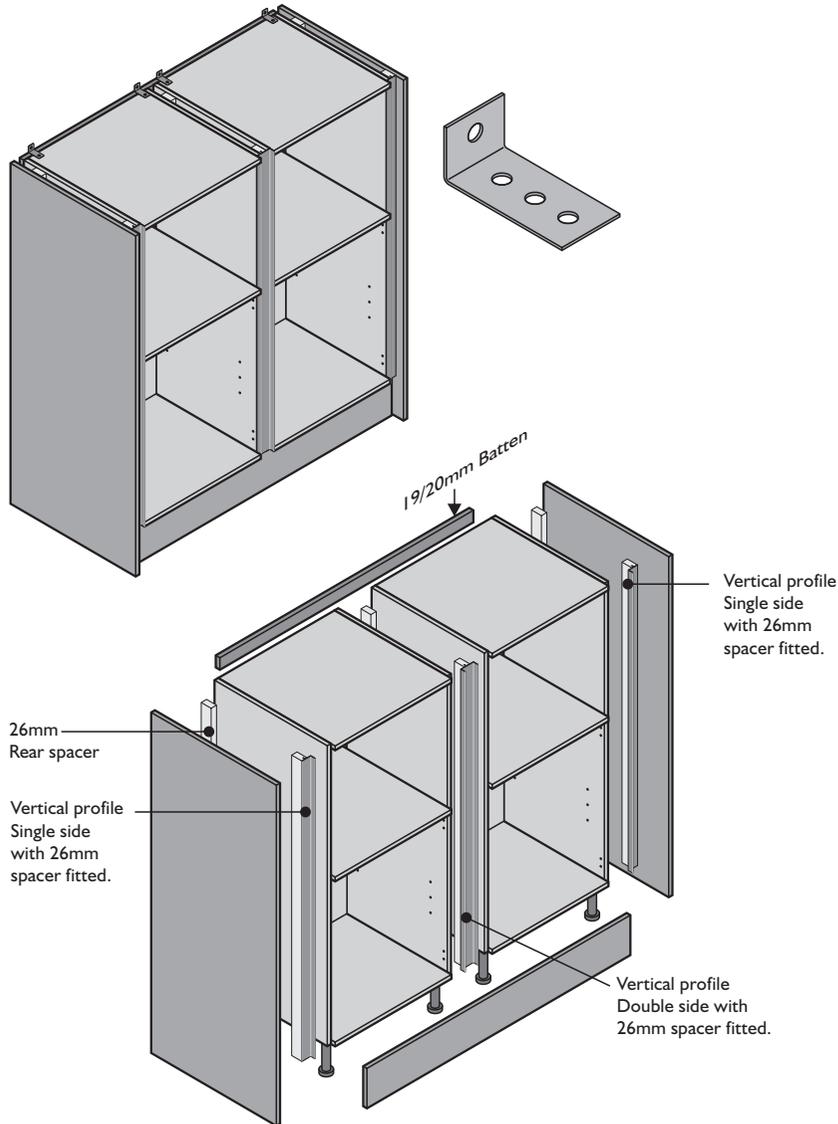
Add-on end panels (may be necessary to match wall unit spacing).

If add-on end panels are used between units, cut the panels to the size shown so that the panel clears the profile. Seal all raw edges. Fit the uncut edge under the top profile and flush with the front of the unit side panel.

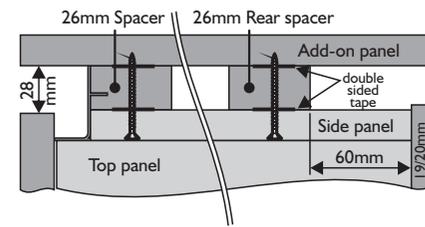


Tower and Mid-Height Units

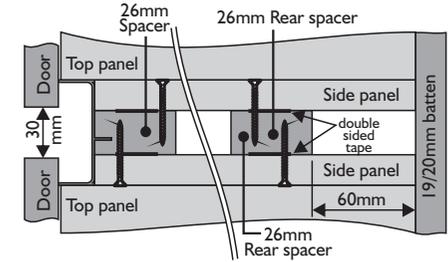
Tall units need to have a 20mm thick batten attached to the wall level with the top of the unit. Refer to pages 8-9 for instructions in marking out a datum to use as a reference (2118mm tall height; 1414 for mid height). The side panels on tall units have the front edges set back by 20mm to allow the vertical profiles to be fitted. There are 2 types of profile, one for fitting on one side of a unit and enclosed with an add-on panel and the second is used between two units. These instructions show Mid-height units but Tower units are the same. For Mid-Height units it is necessary to cut down the profiles to 1248mm. Use a saw fitted with a blade suitable for cutting aluminium for cutting the profiles to size.



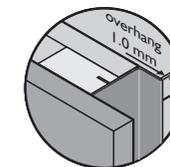
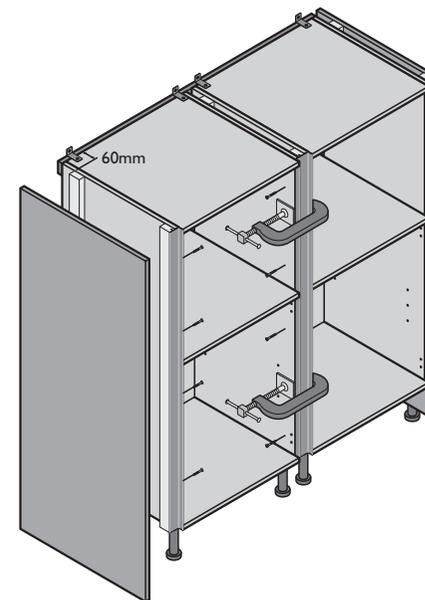
Plan View
-single profile and add-on panel



Plan View
-double profile between two units



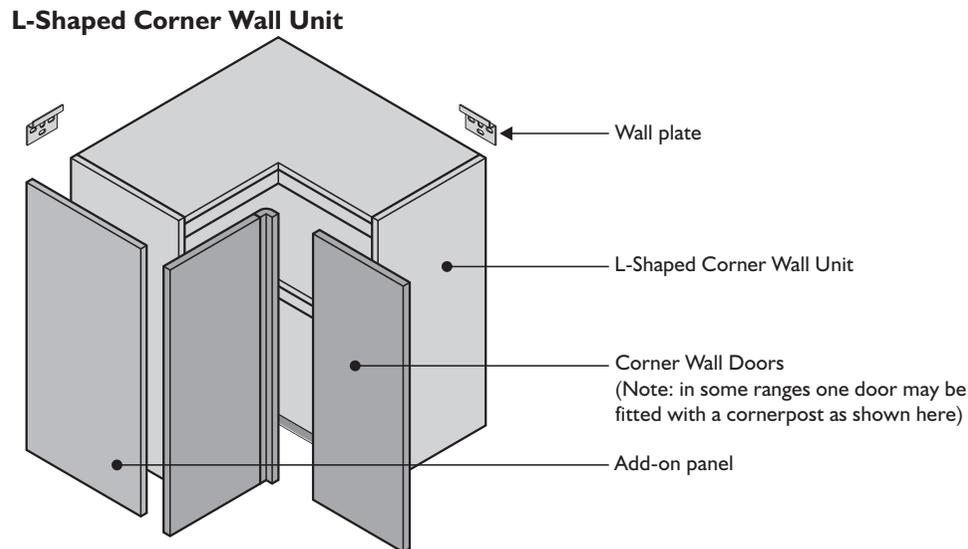
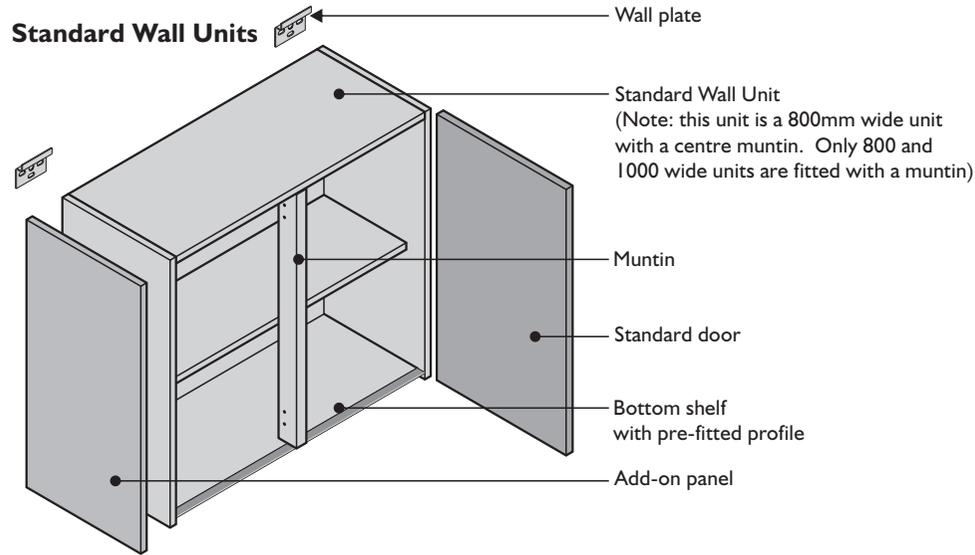
Take care that the 50mm screws don't break through the add-on side panels.



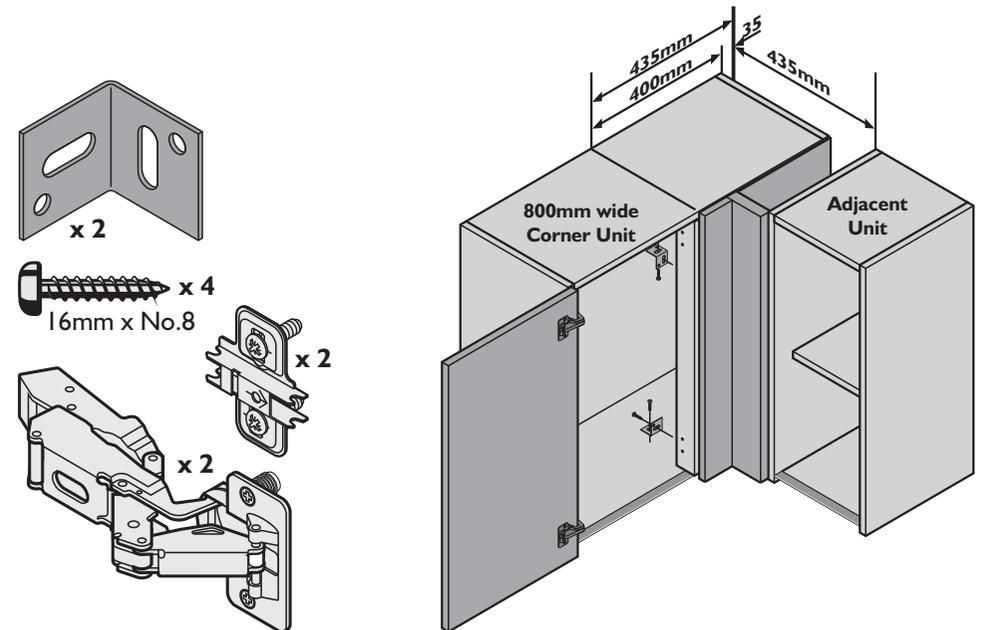
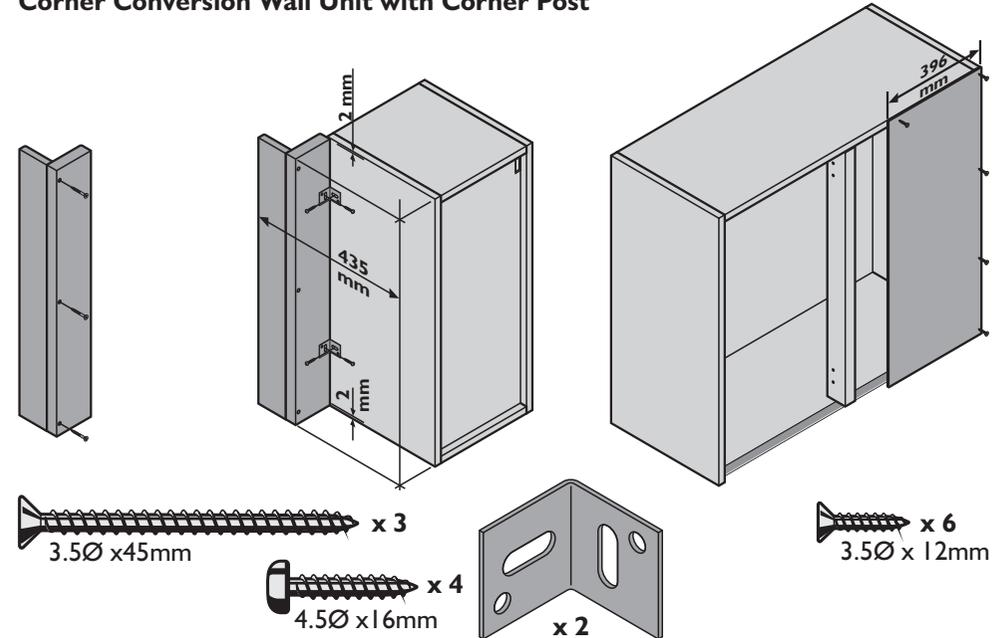
Double sided adhesive tape is used to hold the spacers in position until they are permanently fastened to the unit. Position the rear spacers 60mm in from the back edge. The front profile should project up to 1.0mm forward of the horizontal shelves.

Wall Unit Installation

Wall units are supplied Complete with the profile attached to the bottom panel. Refer page 24 for a guide to fitting dimensions. When fitted with Tower Units, Wall Units should be positioned 2118mm between the top of the unit and the floor. These units are fitted with adjustable hanging brackets but the wall hanging brackets need to be fixed to the wall. Add on panels may be necessary to match base layout dimensions.

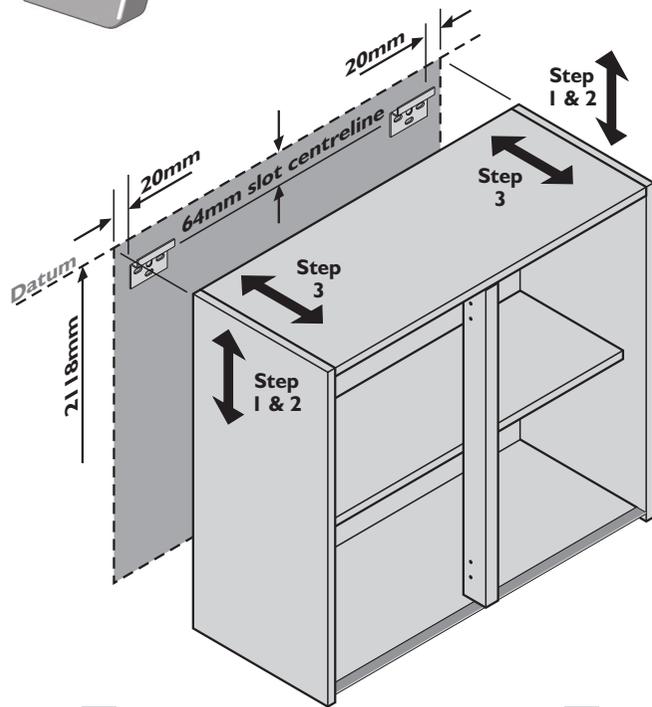


Corner Conversion Wall Unit with Corner Post



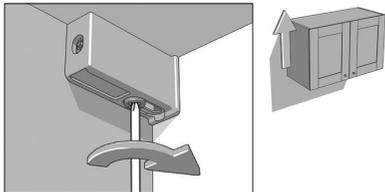


Fixing Wall Hanging Brackets



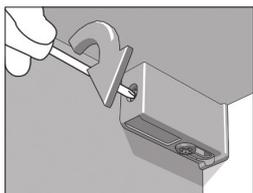
Note: Ensure the fixings used to secure the wall brackets to the wall are appropriate for the wall type. If in doubt, consult your supplier.

01 Raising unit



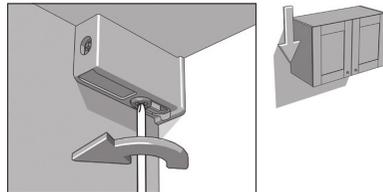
Turn bottom screw clockwise to raise unit.

03 Securing unit



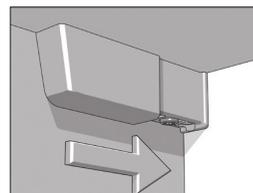
Turn front screw clockwise to secure unit.

02 Lowering unit

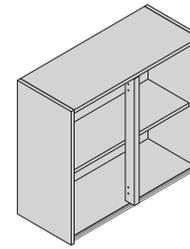


Turn bottom screw anti-clockwise to raise unit.

04 Cover cap fitting



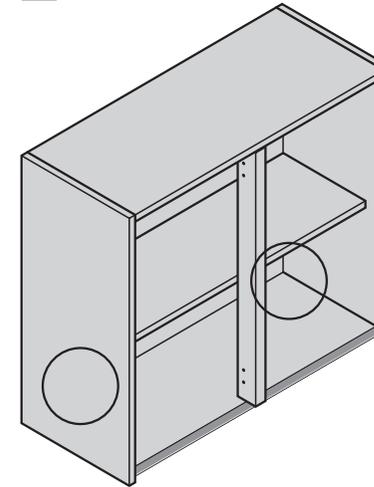
Slide cover caps over brackets.



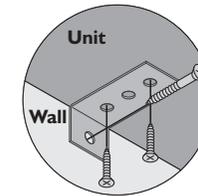
Wall Cabinets – Securing Large Wall Units

Note: Large wall units should be secured to the wall with brackets. Refer to the drawings below for quantities and position of fittings. Fit the brackets with the longer leg under the unit. Attach the brackets to the wall with suitable fixings. (not supplied)

01 Standard wall cabinets

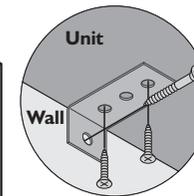
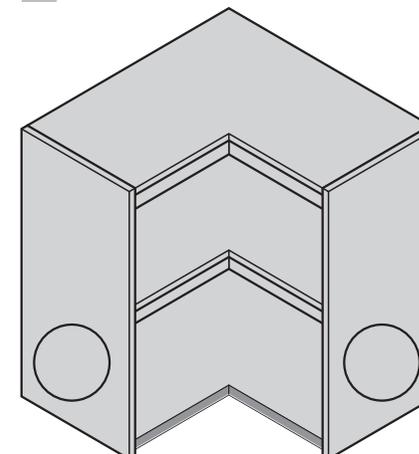


Note: As a guide, place the wall support brackets 200mm in from the side panel on 800mm wide units, or 250mm in from the side panel for 1000mm wide units.



Level H Only. For extra security, brackets can be fitted under the units as well as on top. Fit the brackets with the longer leg under the unit. Attach the brackets to the wall with suitable fixings. (not supplied)

02 Corner wall cabinets

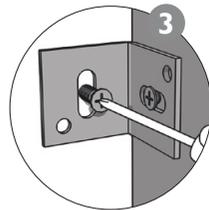
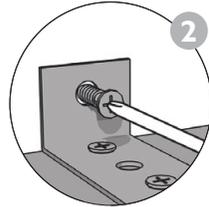
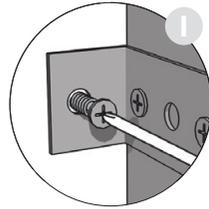
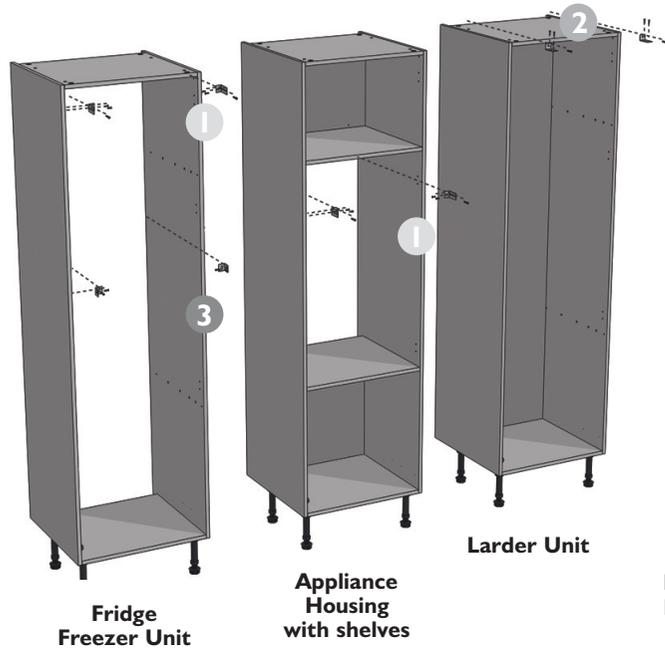


Note: As a guide, place the wall support brackets 200mm in from the side panel.



Door & Drawer Cabinets Fixing Tall Cabinets

Note: Fix to the wall with suitable fixings.

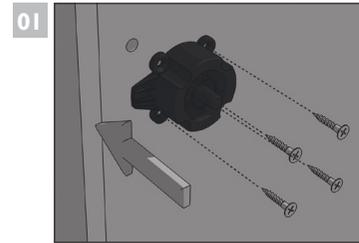


Note: Fix wall brackets to Fridge Freezer units using 13mm x 4.5 RHD screws to prevent bowing.

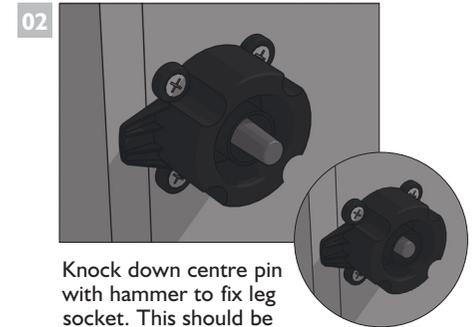


Adjustable Legs: Fitting and Adjustment

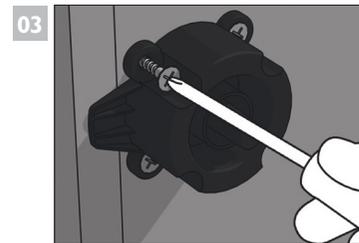
Important: Unit levellers need to be positioned so the protruding tab on the side is under the side panel.



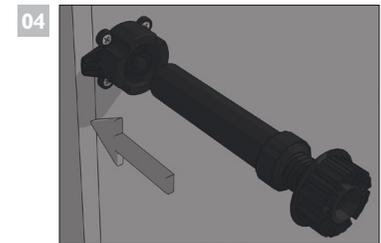
Locate the 15mm diameter holes on the base of the cabinet and position the threaded dowel into the hole.



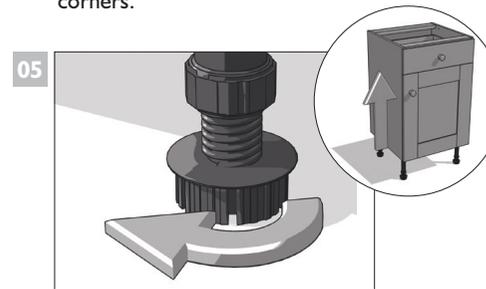
Knock down centre pin with hammer to fix leg socket. This should be done before securing with screws.



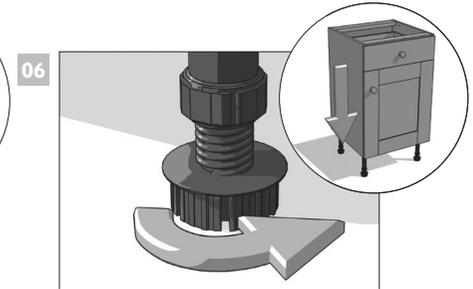
Secure with two No 8 x 16mm RHD screws, then repeat the procedure at the remaining corners.



Push the adjustable leg into the socket to fit.



Turn the base of the leg clockwise to raise the unit. Leg size 166.
+ tolerance 29mm;
- tolerance 41mm.



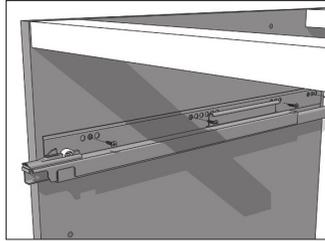
Turn the base of the leg counter-clockwise to lower the unit. Leg size 166.
+ tolerance 29mm;
- tolerance 41mm.



Soft Close Drawer

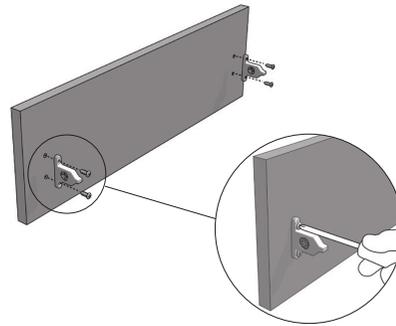
Note: Blumotion deep pan drawers 800mm and 1000mm wide use 50kg runners. All other runners are 30kg.

01 Drawer runner fitting

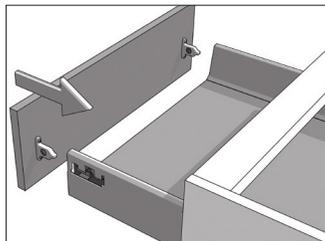


Align runner with pre-marked 5mm diameter holes on the side panels. Fix the first euro screw in 3rd position of the runner, fix remaining euro screws provided in the runner. Replace the drawer box when all runners are fitted.

02 Drawer front bracket fitting

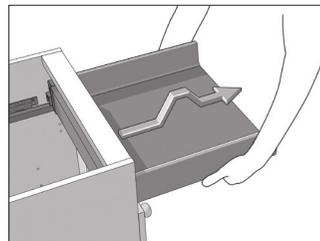


03 Drawer front fitting

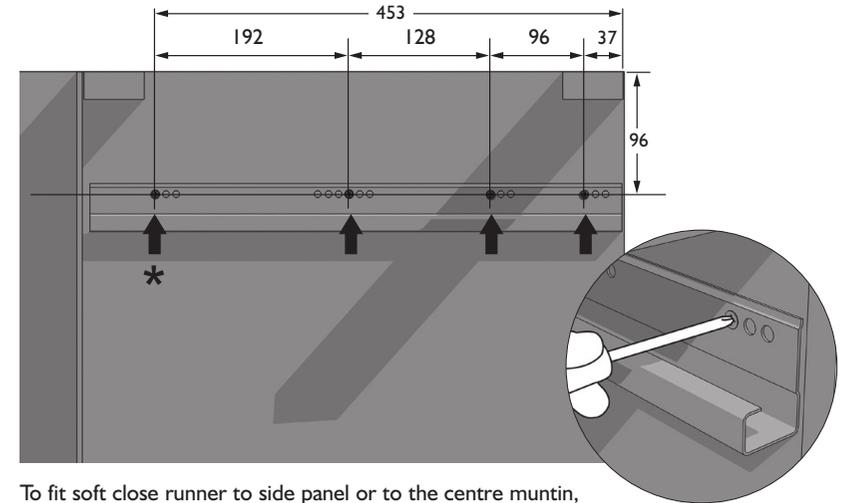


Push the drawer box into position on the self locking brackets.

04 Drawer box removal



While pulling the drawer out lift and drop to release.

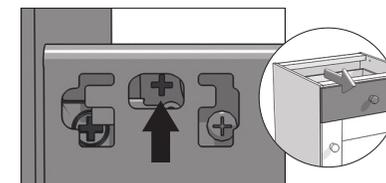
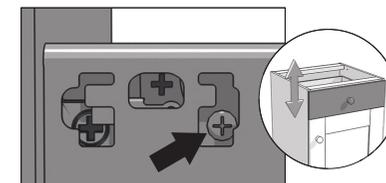
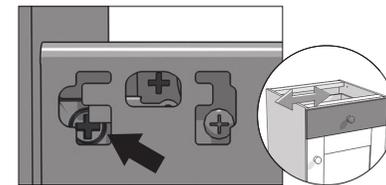


To fit soft close runner to side panel or to the centre muntin, align the runner with pre-marked 5mm diameter holes and secure using 4 x euro screws per side.

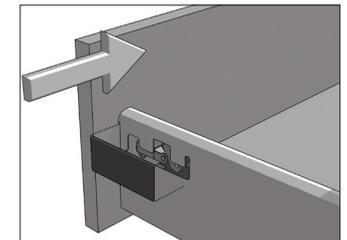
*** Important:** For units with pre-fitted drawer boxes, make sure all 4 euro screws have been fitted. The fourth screw **must** be fitted on all drawer runners.

06 Drawer front adjustment

Turn appropriate screw to adjust drawer front.



07 Cover cap fitting



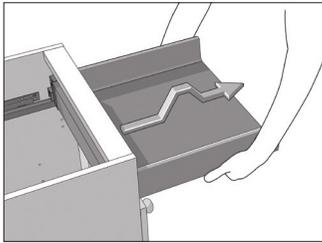
Push cover cap over hole.



Door & Drawer Cabinets Blumotion Soft Close Pan Drawer with Gallery Rails

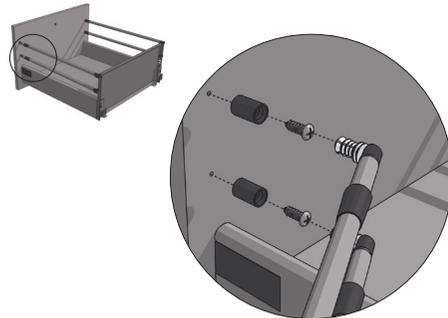
Note If using Orgaline sides on the deep drawers, only the upper gallery rails should be fitted. Orgaline sides are supplied separately on request.

01 Drawer box removal



While pulling the drawer out lift and drop to release.

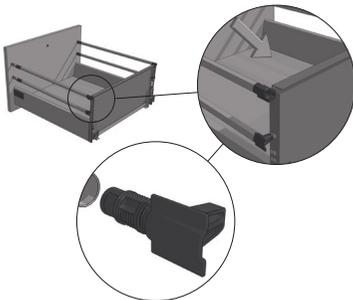
02 Fascia fitting



Insert No 8 x 16mm RHD screw through adaptor into pre-marked pilot hole, then insert gallery rod (expando end) into adaptor/sleeve. If not already fitted, put the sleeves onto the rails. The sleeves may be loose in the packaging.

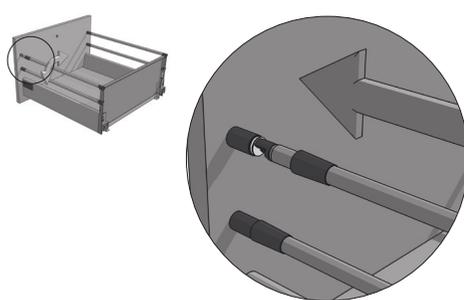
 x 1/gallery rail

03 Fitting gallery rails to back panel



The clips on the rear end of the lower gallery rail need to be changed by unscrewing and removing them. Please insert the alternative clips provided in the hardware pack. These clips are inserted into the back panel of the drawer box once the frontal is secured in place.

04 Gallery rail adjustment and dowel covers



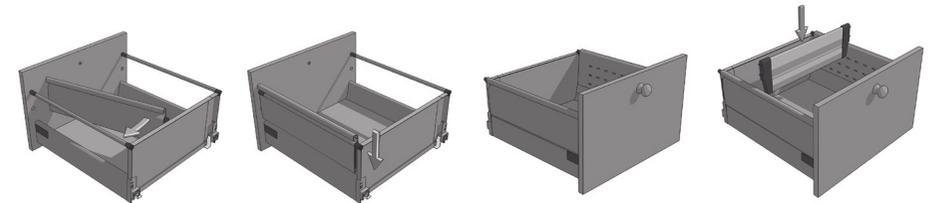
Push the sleeve to the front of the rail to cover the dowel.

Any further adjustment to the drawer front can be made by rotating the rail.

Note- These illustrations show two gallery rails as standard. Please note that some applications only have one gallery rail.

05 Orgaline box side & divider fitting

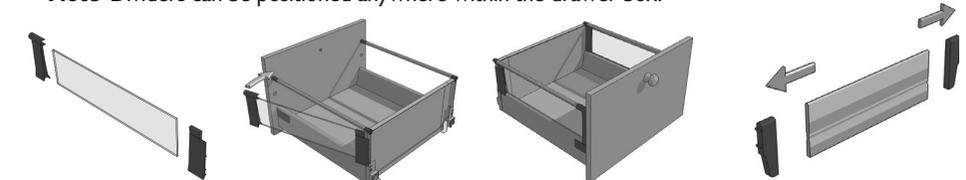
Note Only fit top gallery rails for box sides. Dividers can be positioned anywhere within the drawer box.



1. Offer box side up to gallery rail.
2. Push down to clip box side on to gallery rail and drawer side.
3. Repeat on opposite side.
4. Slide divider down and clip into sides as shown.

06 Orgaline glass side & divider fitting

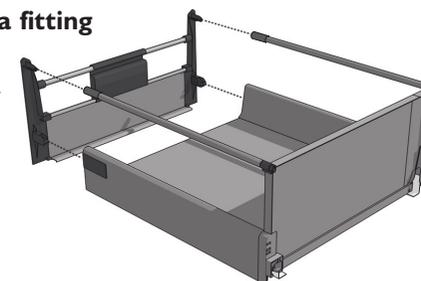
Note Dividers can be positioned anywhere within the drawer box.

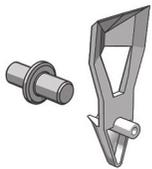


1. Slide the cross divider connectors on to each end of the glass side.
2. Lever the glass slide into position and clip onto the gallery rail.
3. Repeat on opposite side.
4. Remove the cross divider connectors from the divider.
5. Add the cross divider connectors for gallery rails to the lateral divider and click into position. Supplied with the divider.

Internal drawer fascia fitting

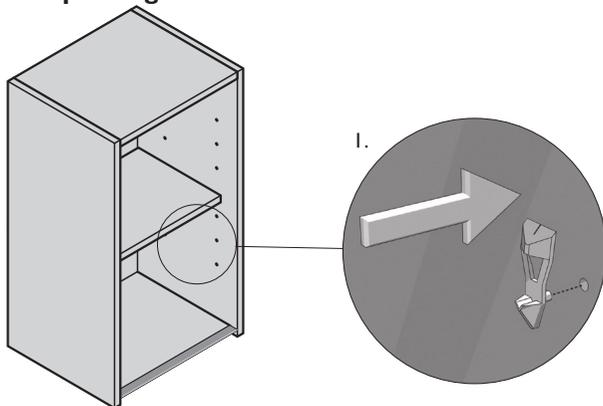
Internal drawers only use the top gallery rail position.





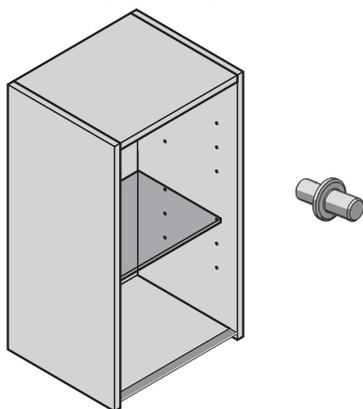
Shelving: Glazed and Unglazed

01 Shelf clip fitting



1. Push shelf clips into appropriate pre-drilled holes.

02 Shelf fitting (glazed)



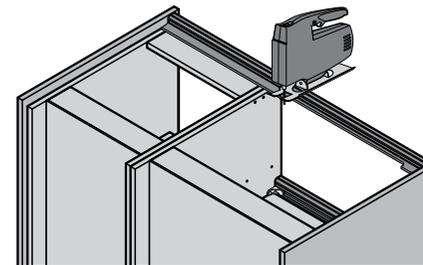
Lay glazed shelves onto shelf studs (ensure they have a rubber ring on to protect the glass).

Appliance Fitting

Always refer to the appliance manufacturer's handbook.

If the appliance is a tight fit, make sure that it can be removed once the flooring is installed.

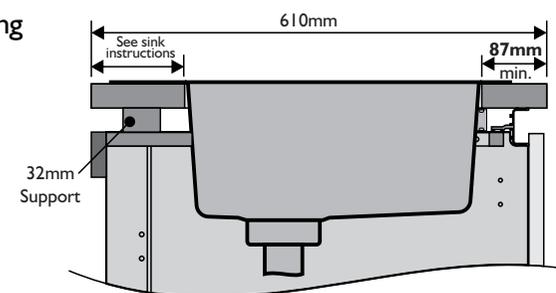
If necessary, the rear lip of the top profile can be cut back with a compass/jigsaw fitted with a blade suitable for cutting aluminium.



Dishwasher Fitting

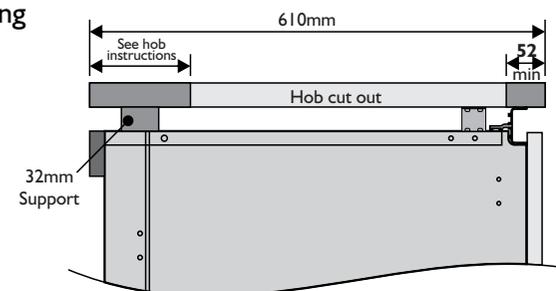
Important: ensure that the dishwasher can be removed once the flooring is installed.

Sink Fitting



To prevent the sink from clashing with the top profile, the cut out must be a minimum of **87mm back** from the front edge of the worktop. This is based on the minimum worktop depth of 610mm and will need to be adjusted if the worktop is a greater depth.

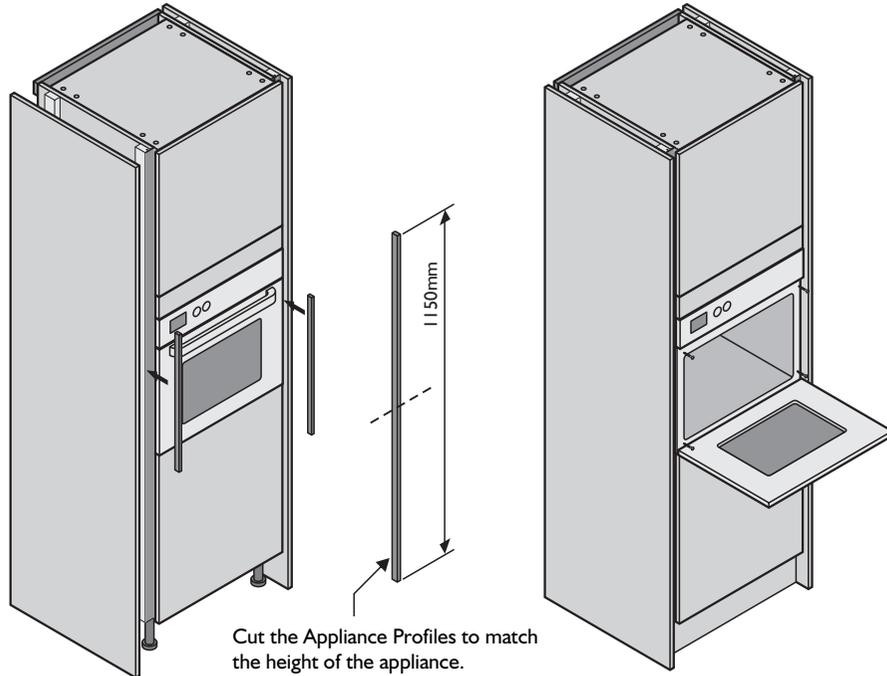
Hob Fitting



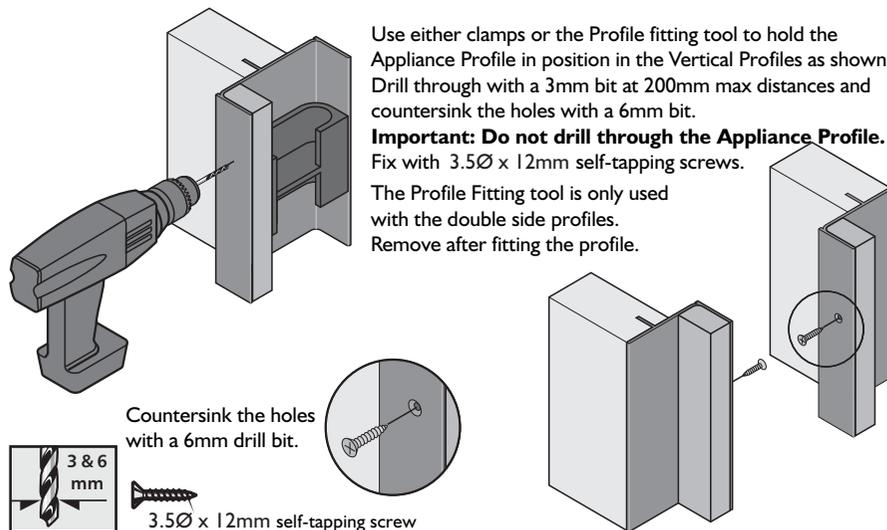
To prevent the hob from clashing with the top profile, the cut out must be a minimum of **52mm back** from the front edge of the worktop. This is based on the minimum worktop depth of 610mm and will need to be adjusted if the worktop is a greater depth. The distance at the back must be in accordance with the manufacturer's clearance requirements and take into account upstands and splashbacks.

Tower Unit Appliance Profile Insert Fitting

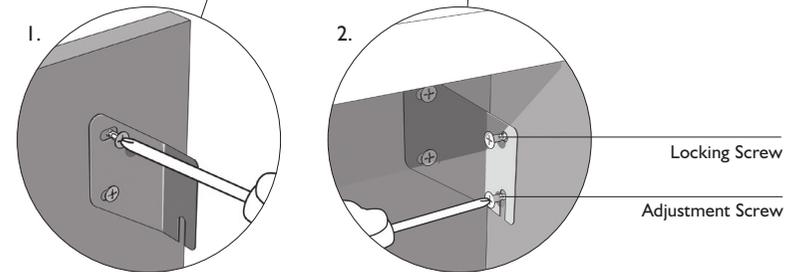
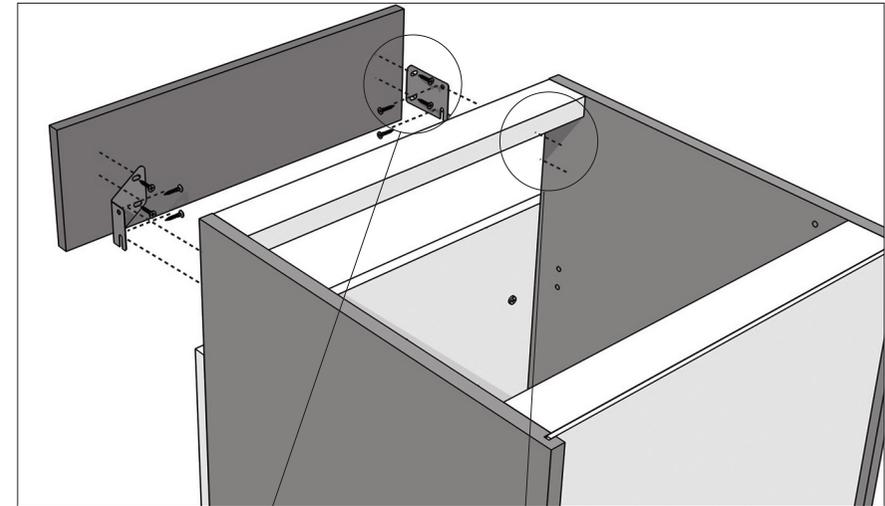
Where appliances are to be fixed into position by screwing through the front into a side panel, it is necessary to fit the Appliance Profile into the Vertical Profiles.



Cut the Appliance Profiles to match the height of the appliance.
Caution: remove any sharp edges.



Dummy Drawer Fitting



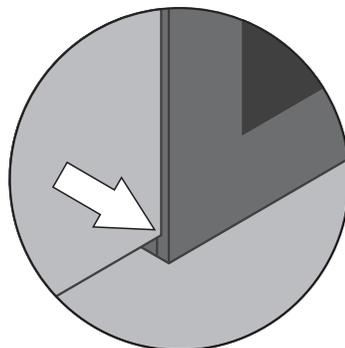
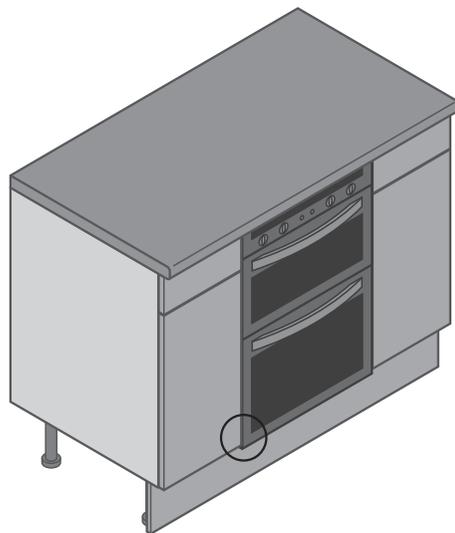
1. Fit the angled brackets to the rear face of the drawer front, as shown, using one of the 4.5Ø x 12mm RHD screws provided.
2. Offer the drawer frontal up to the cabinet and mark where the angled bracket holes will be positioned on the cabinet side panels. Where the top hole position will be, fix a 4.5Ø x 12mm RHD screw in the appropriate place on each side panel. The angled brackets are slotted onto these top screws, which then need to be tightened to fix the drawer front into position.
3. Adjust the drawer front and fix into position using 4.5Ø x 12mm RHD screws through the remaining holes in the bracket.



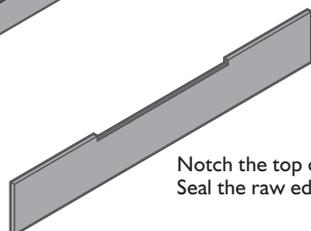
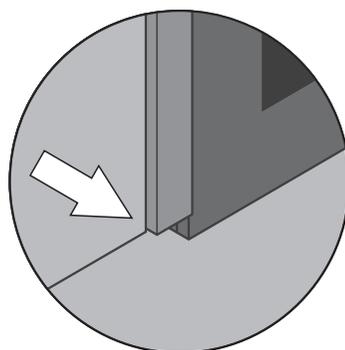
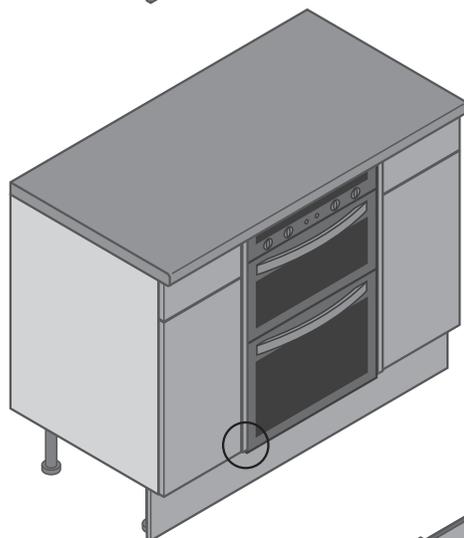
Built-Under Double Oven

Where double ovens are taller than the cabinet, fit the oven flush with the top of the adjacent frontals. The oven will extend below the unit on either side and it is recommended that if end panels are used, that they are cut to the same height as the carcass. If a continuous plinth is used, notch the top of the plinth to fit under the oven and seal any raw edges.

Fitting without end panels

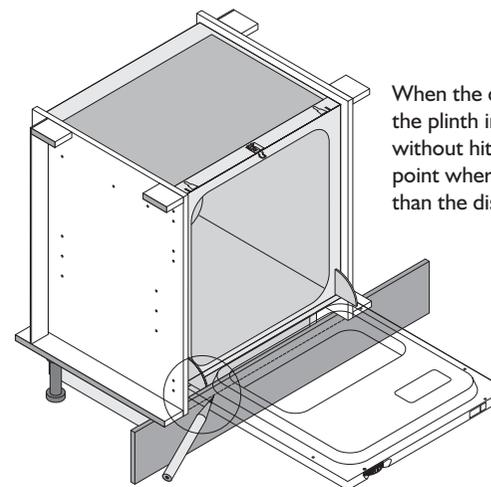


Fitting with end panels

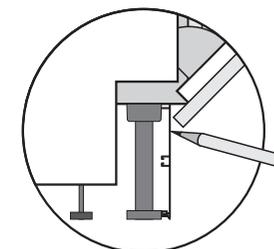
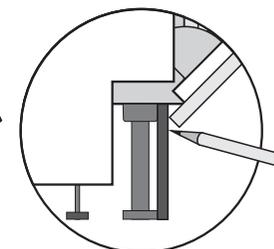
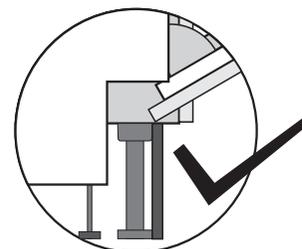


Notch the top of the plinth to suit the oven. Seal the raw edges with waterproof sealer.

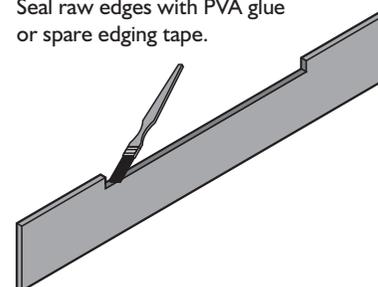
Dishwasher Plinth Notching



When the dishwasher has been fully installed and adjusted, put the plinth in position. Check to see if the door will open without hitting the plinth. If the door hits the plinth, mark the point where it strikes with a pencil. Cut a notch slightly wider than the dishwasher and 2mm deeper than the pencil line.



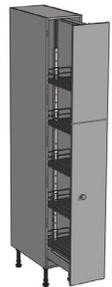
Seal raw edges with PVA glue or spare edging tape.



Pull Out Units



Note For installation of pullout mechanisms refer to the manufacturers instructions supplied with the mechanisms. For frontal attachments refer to the instructions supplied with the cabinet or frontal.

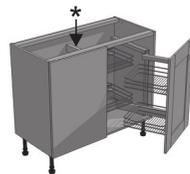


300mm Tall Pull Out Unit
Cover cap fitting P 47.



500mm Pull & Swing Larder

*** Note:** The cross rail should be removed before installation to increase storage space.



*** Magic Corner Unit**
Cover cap fitting P47.



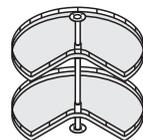
Lemans Unit



150mm Pull Out Base Unit



300mm Pull Out Base Unit
Cover cap fitting P 47.

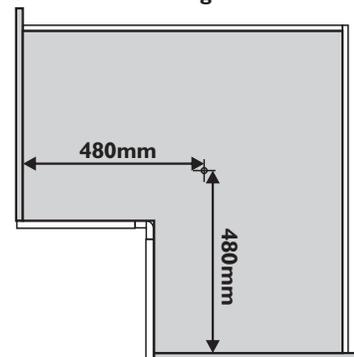


3/4 Carousel

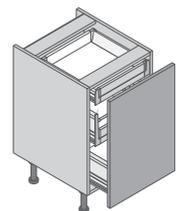


1/2 Carousel

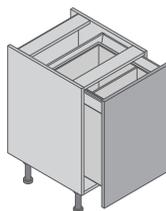
3/4 Carousel Drilling



Drill a 15mm Ø hole in the bottom panel. Follow the instructions supplied with the carousel.
The carousel will fit into the assembled unit by leaning it over and feeding the notch in the tray through first.

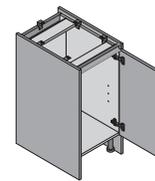


500mm Internal Drawer Base Unit
Frontal fitting P 38.

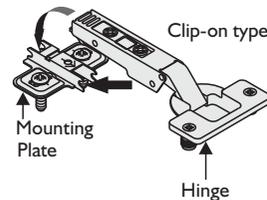


500mm Bin Drawer Base Unit
Frontal fitting P 38.

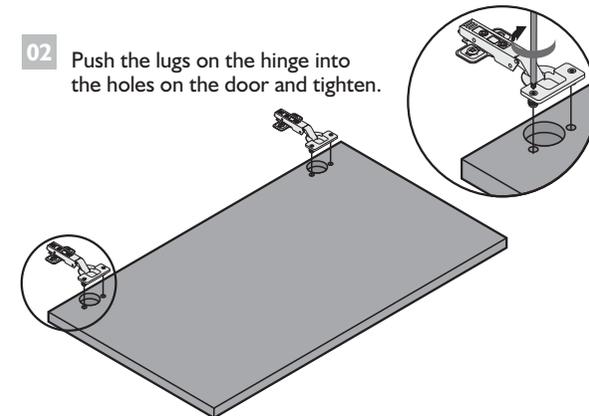
Hinge Fitting



01 Clip the hinge and mounting plates together.



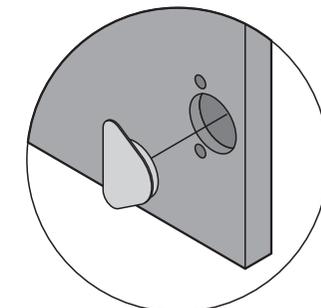
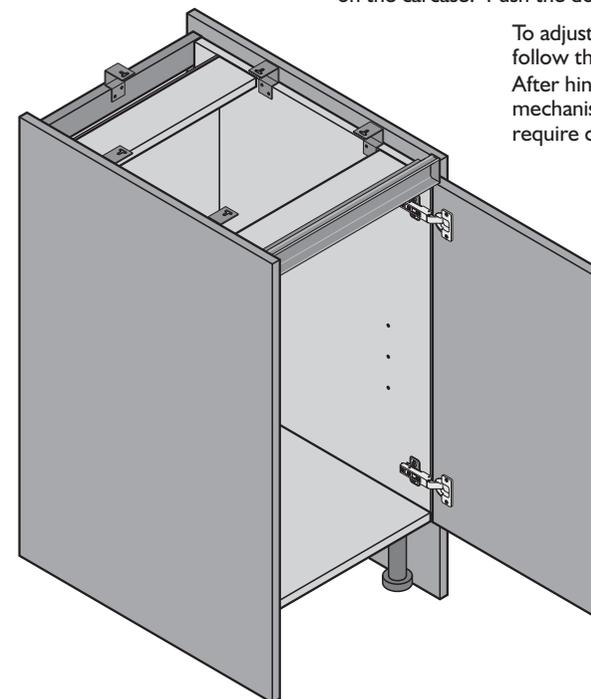
02 Push the lugs on the hinge into the holes on the door and tighten.



03

Offer the door with the combined hinge and mounting plates up to the unit carcass. The lugs on the mounting plates should line up with holes on the carcass. Push the door onto the unit and tighten the screws.

To adjust the hinges, refer to pages 68 to 71 and follow the instructions for the particular hinge type. After hinge adjustment, fit cover caps or softclose mechanism. Note that some hinge types do not require cover caps.



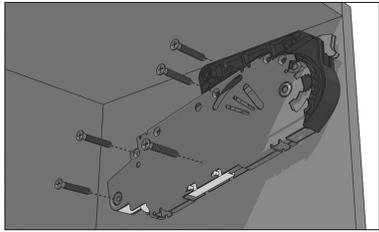
35mm Cover Cap for doors with 2 sets of hinge holes and where wirework is fitted to the door.



Aventos HF Bi-fold Fitting

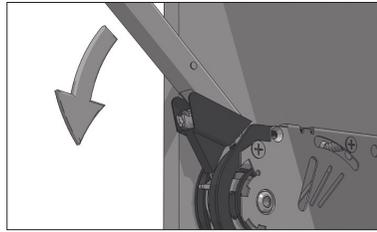
Note All top box and wall units must be aligned before the flap hinge mechanism is fitted into the unit. NB. Manufacturer's instructions provided with these cabinet mechanisms should be followed to obtain the best result. All fittings below are supplied with the mechanism.

01 Fitting lever mechanism to cabinet.



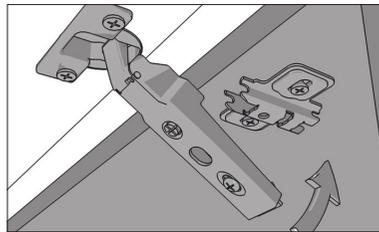
Pins on the back of the hinge mechanism locate into holes drilled in the side panels. Fix to the side panels with the screws provided.

02 Fitting bi-fold arm to lever mechanism



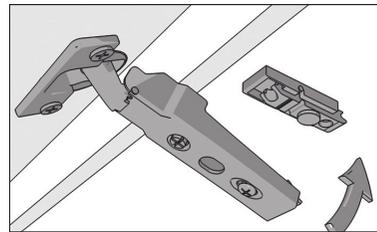
Slide telescopic arm into receiver on lift mechanism. Clip into place.

03 Connecting top door



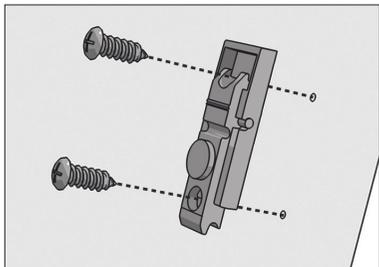
Attach hinge plate to top of cabinet. Attach hinge to top door. Clip hinge onto mounting plate.

04 Connecting bottom door



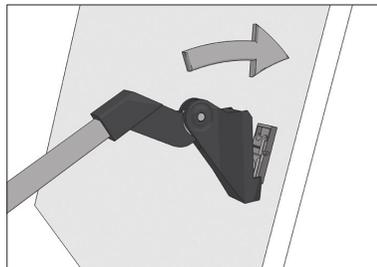
Attach inline hinge plate to the top door. Attach the hinge to the bottom door. Clip hinge onto mounting plate.

05 Fitting mounting plate



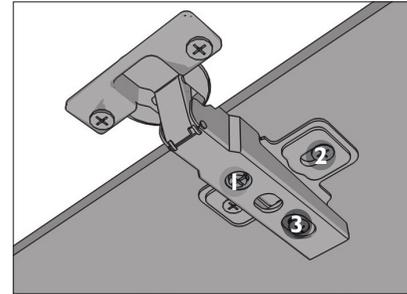
Attach telescopic arm connecting plate to pre-marked holes on the bottom door.

06 Fitting bi-fold arm to fascia

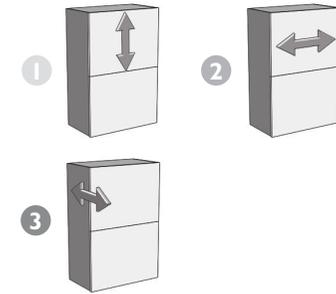


Clip telescopic arm onto connecting plate on both sides.

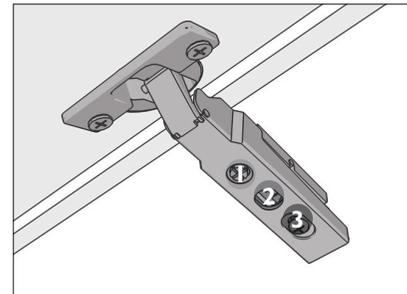
07 Top door adjustment



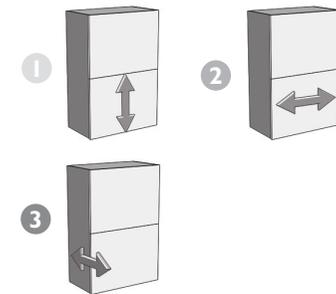
Adjust each top door hinge and mounting plate to properly align the top door to the cabinet.



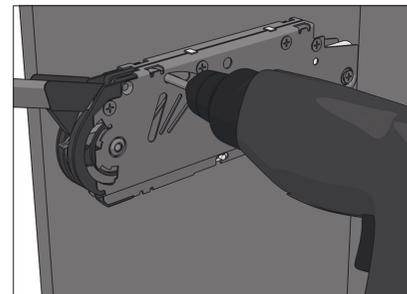
08 Bottom door adjustment



Adjust each bottom door hinge and mounting plate to properly align doors to the cabinet and to the top door.

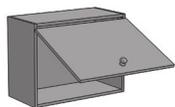


09 Lift mechanism tension adjustment



Close and flush doors to cabinet. Open and close door to test closing force. Open door and adjust tension screws on both lift mechanisms with a posi drive. Test door again and repeat until desired function is achieved.

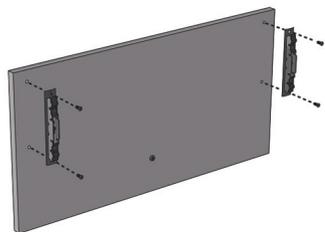
Tension adjustment should be the same on both lift mechanisms



Aventos Flap Door Mechanism Fixing

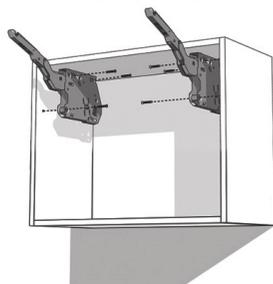
Note: All top boxes and wall units must be aligned before the flap hinge mechanism is fitted into the unit. **N.B.** Mechanism arms do not close unless fitted to a frontal. Follow the instructions enclosed with the unit. See Frontal Fixing on Pg 64.

01 Door frontal preparation



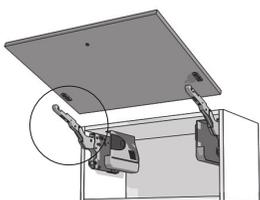
Attach the two hinge mounting plates to the rear of the frontal using two 3.5Ø x 16mm CSK screws per mounting plate (supplied).

02 Door hinge fitting

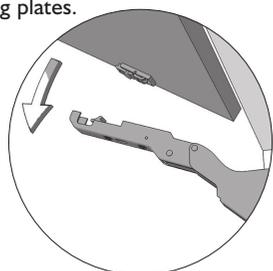


Pins on the back of the hinge mechanism locate into holes drilled in the side panels. Fix to the side panels with the screws provided.

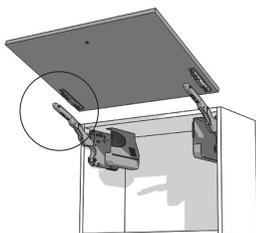
03 Door frontal fitting HKS (smaller doors)



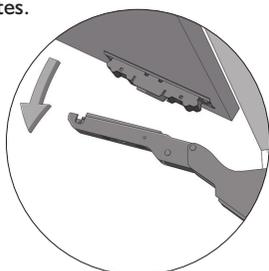
Fully extend the hinge arms and clip them onto the hinge mounting plates.



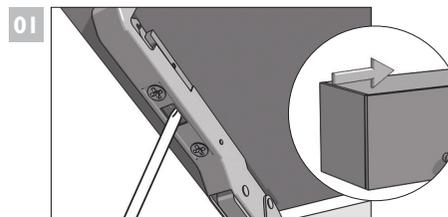
03 Door frontal fitting HK (larger doors)



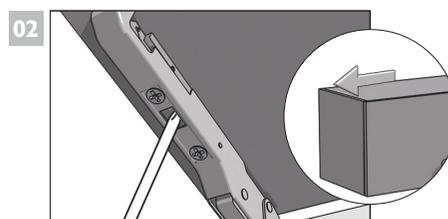
Fully extend the hinge arms and clip them onto the hinge mounting plates.



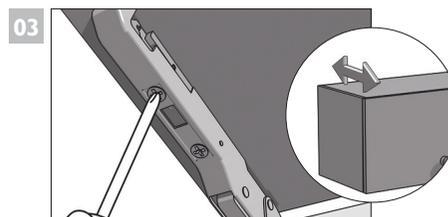
Door frontal adjustment HKS



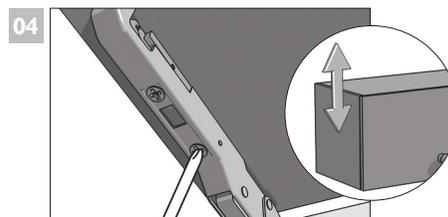
Turn screw clockwise to move the frontal right.



Turn screw anti-clockwise to move the frontal left.

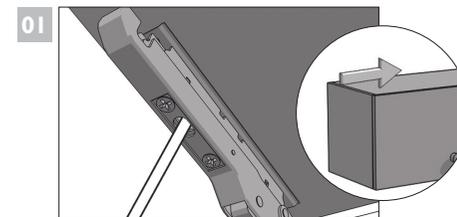


Turn top screw anti-clockwise to move the frontal backwards and forwards.

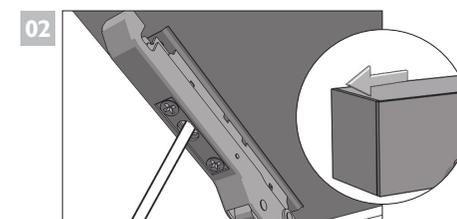


Turn top screw anti-clockwise to adjust the height of the frontal.

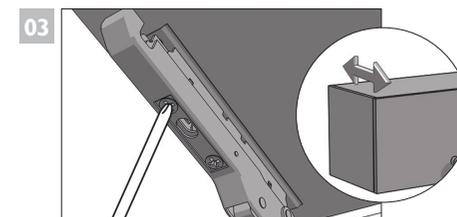
Door frontal adjustment HK



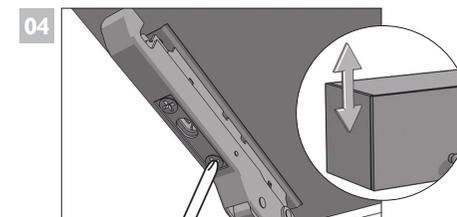
Turn screw clockwise to move the frontal right.



Turn screw anti-clockwise to move the frontal left.



Turn top screw anti-clockwise to move the frontal backwards and forwards.



Turn top screw anti-clockwise to adjust the height of the frontal.

Aventos Flap Door Frontal Fixing

Use the measurements below to identify which of the pre-marked screw positions on the reverse of the frontal is used to attach the frontal to the flap mechanism.

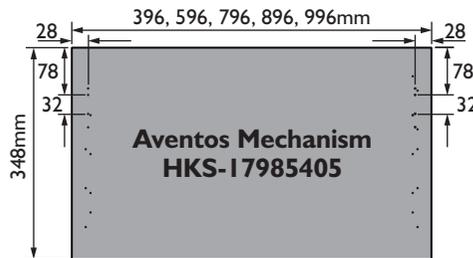
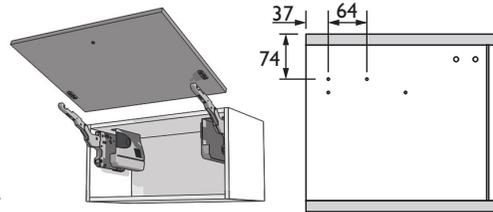


Caution: Flap Door Mechanism.

The lever could spring up and cause injury.
Do not push down/depress lever.

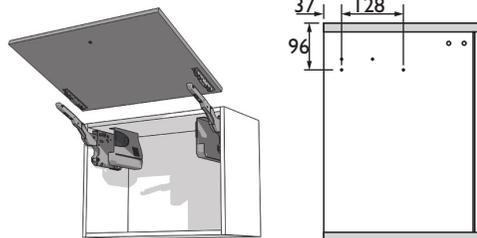
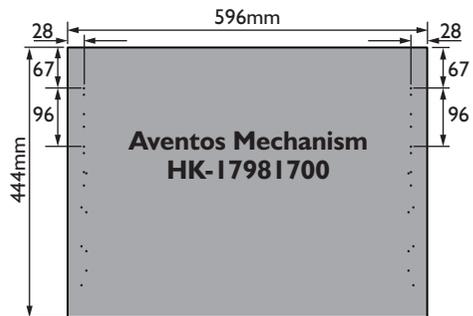
Door frontal fitting

Aventos Mechanisms HKS-17985405 & HKS-62509505

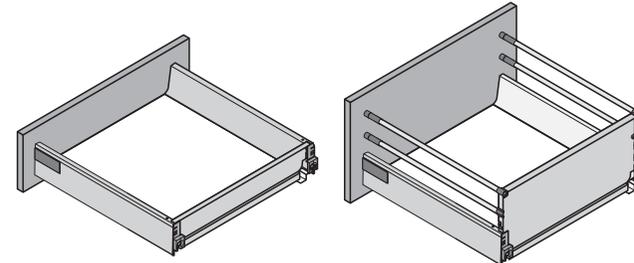


Door frontal fitting

Aventos Mechanism HK-17981700



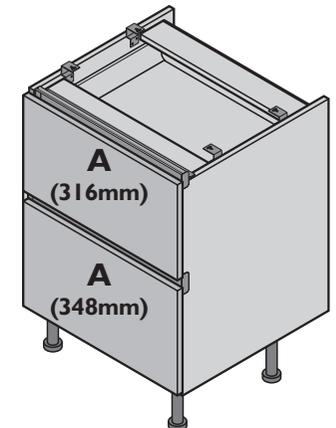
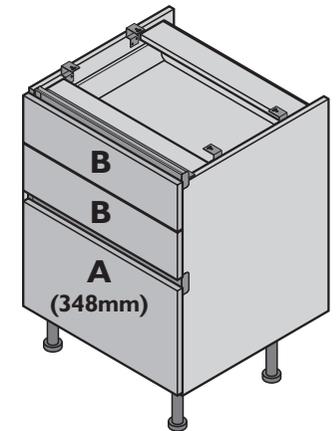
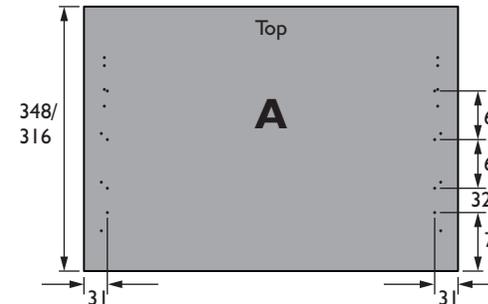
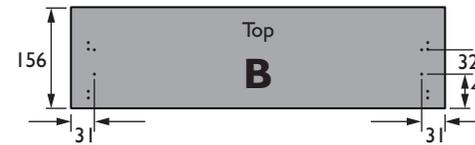
Soft Close Frontal Fixing Positions



Standard Drawer

Pan Drawer

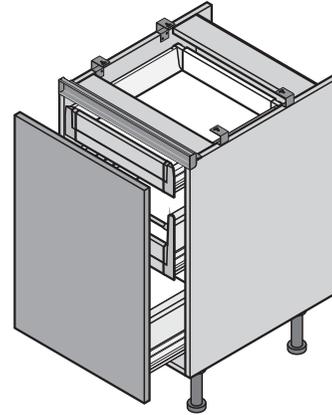
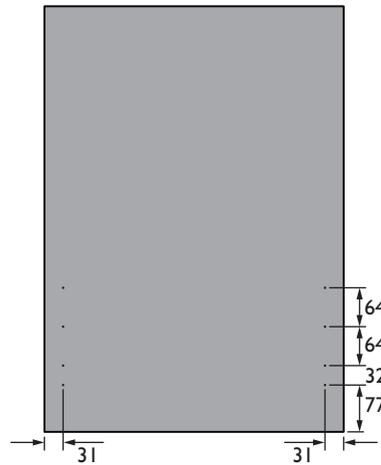
Use the measurements below to identify which of the pre-marked screw positions on the reverse of the frontal is used to attach the drawer box.



Frontal Fixing Positions

Blum Internal Drawer System (BIDS) Door frontal fitting

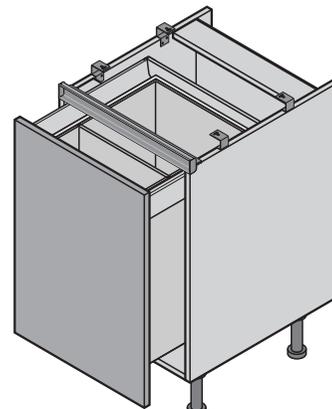
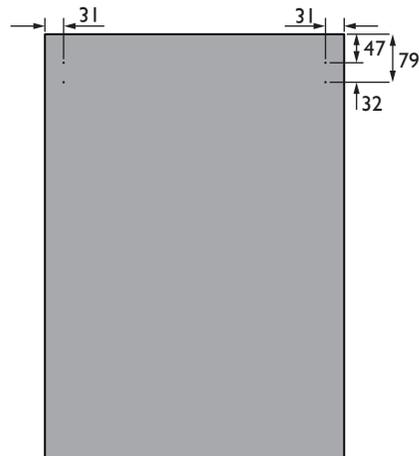
Mark the positions shown below on the reverse of the door.
Attach to the bottom drawer.



Doorline only.

Pull-out Waste Bin Door frontal fitting

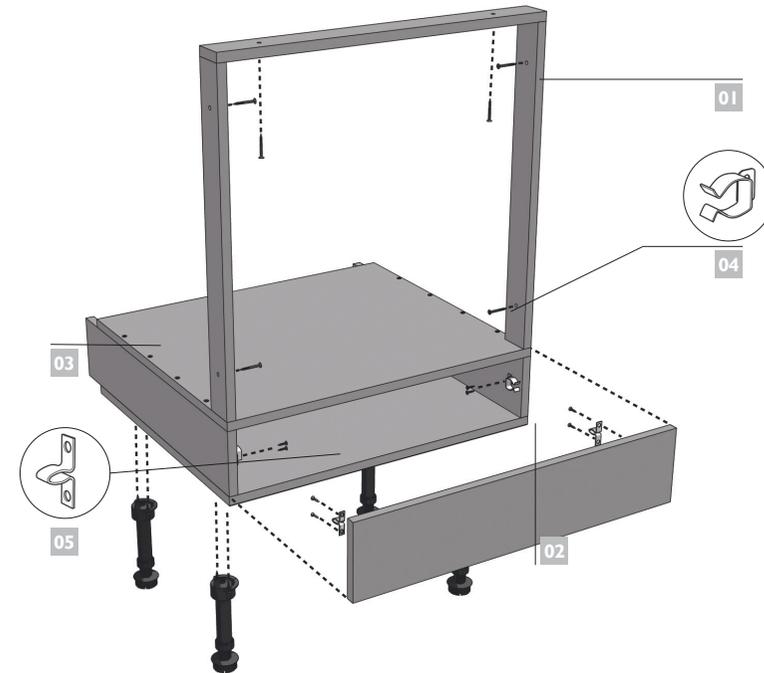
Mark the positions shown below on the reverse of the door.
Attach to the bin drawer.
Drawerline frontals are supplied with the drawer already attached to the door.



Doorline only.



Under Oven Unit- Rail & Frontal Fixing

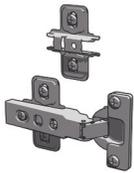


Parts Checklist

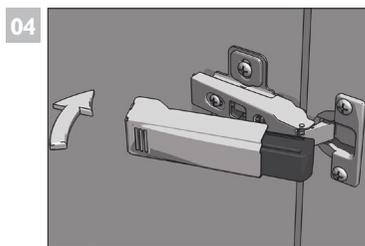
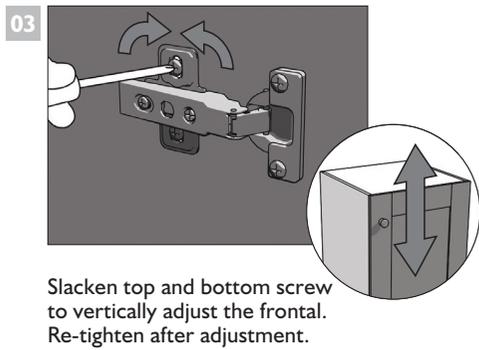
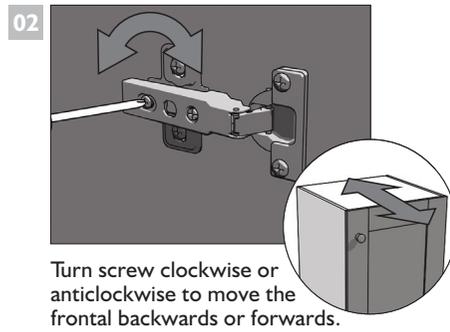
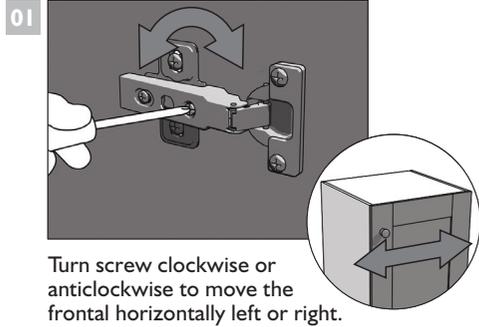
01	Rail Pack x 1
02	False Frontal x 1
03	Carcase x 1
04	Spring Clips (female) x 2
05	Spring Clips (male)
06	Legs x 4

Information

This unit is supplied part assembled. The rails need to be fitted.
There is no working drawer.
The dummy drawer frontal is attached using spring clips.
Refer to page 22 for leg fitting and adjustment.

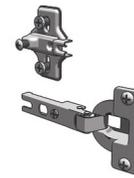
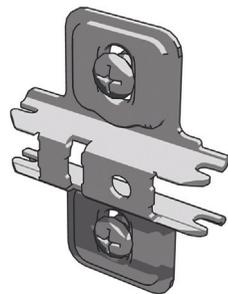


110° Standard Hinge & Softclose Option

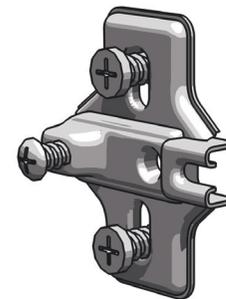
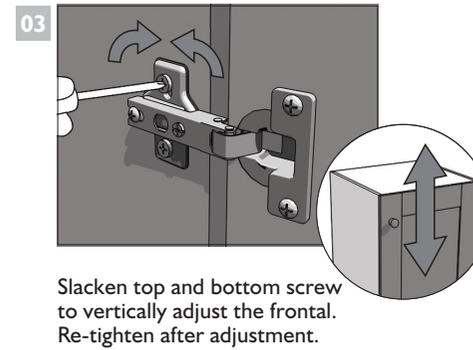
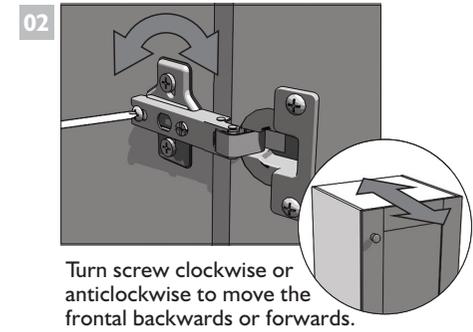
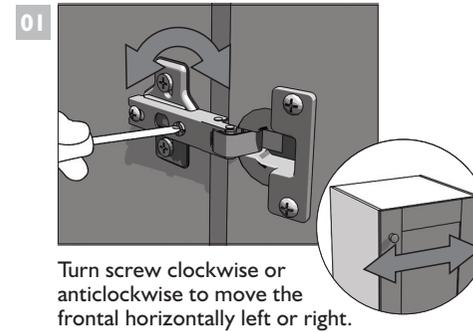


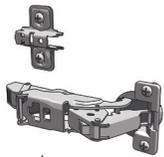
Note Make sure door is fully adjusted before adding the soft close mechanism.

Attach the soft close mechanism to the hinge as shown.



110° Appliance Hinge





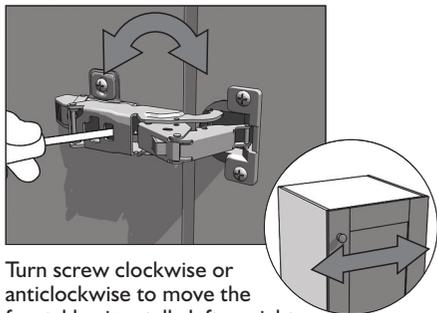
155° Standard Hinge & Softclose Option

Blum Internal Drawer Pull Out Units



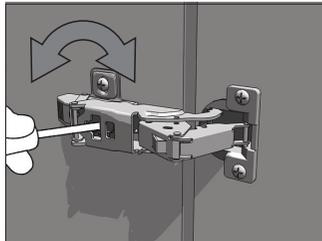
Caution: 155° Hinges. It is possible for small fingers to be trapped and injured when 155° hinges are closing. Child safety latches are recommended to help prevent children from touching these items.

01

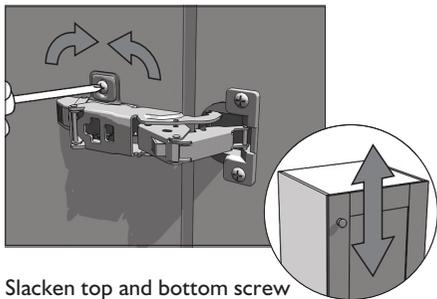


Turn screw clockwise or anticlockwise to move the frontal horizontally left or right.

02

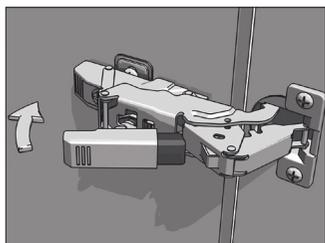


03



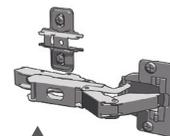
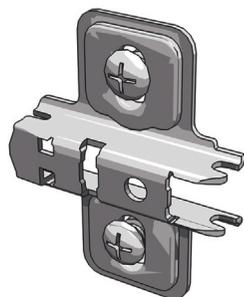
Slacken top and bottom screw to vertically adjust the frontal. Re-tighten after adjustment.

05



Attach the soft close mechanism to the hinge as shown.

Note Make sure door is fully adjusted before adding the soft close mechanism.

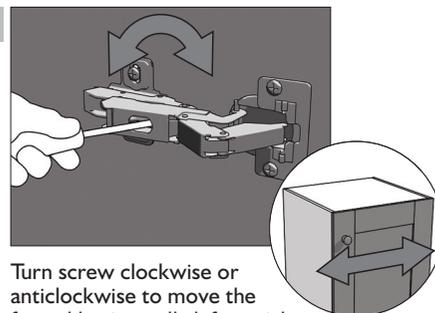


170° Standard Hinge & Softclose Option



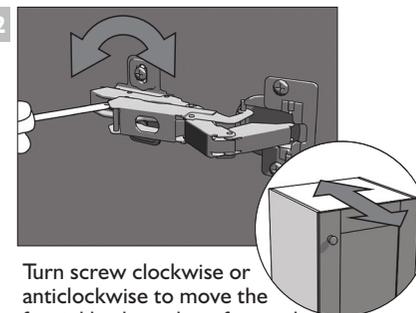
Caution: 170° Hinges. It is possible for small fingers to be trapped and injured when 170° hinges are closing. Child safety latches are recommended to help prevent children from touching these items.

01



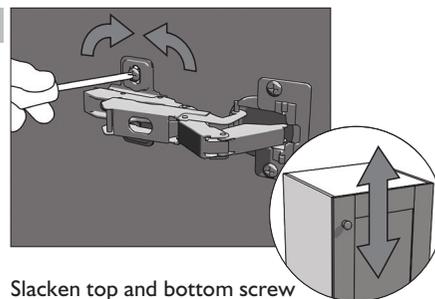
Turn screw clockwise or anticlockwise to move the frontal horizontally left or right.

02



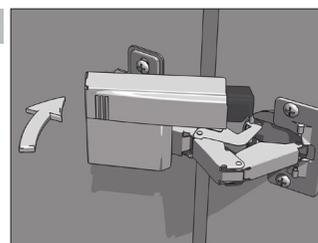
Turn screw clockwise or anticlockwise to move the frontal backwards or forwards.

03



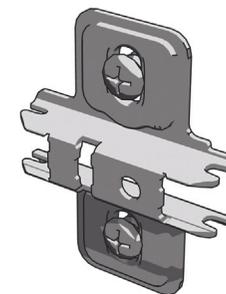
Slacken top and bottom screw to vertically adjust the frontal. Re-tighten after adjustment.

04



Note Make sure door is fully adjusted before adding the soft close mechanism.

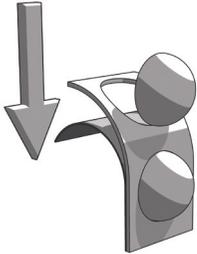
Attach the soft close mechanism to the hinge as shown.





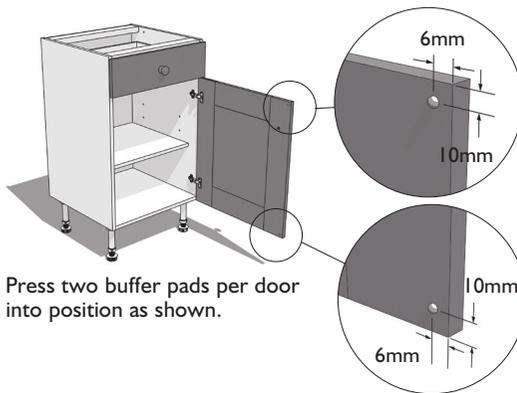
Door & Drawer Buffer Pads

01



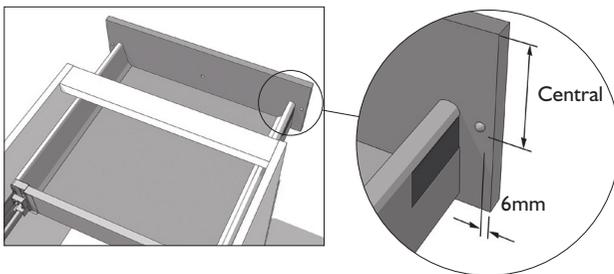
Peel off the backing strip.

02

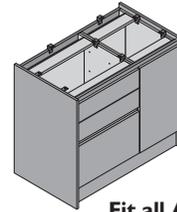


Press two buffer pads per door into position as shown.

03



Press the buffer pad either side of drawer front into position as shown.

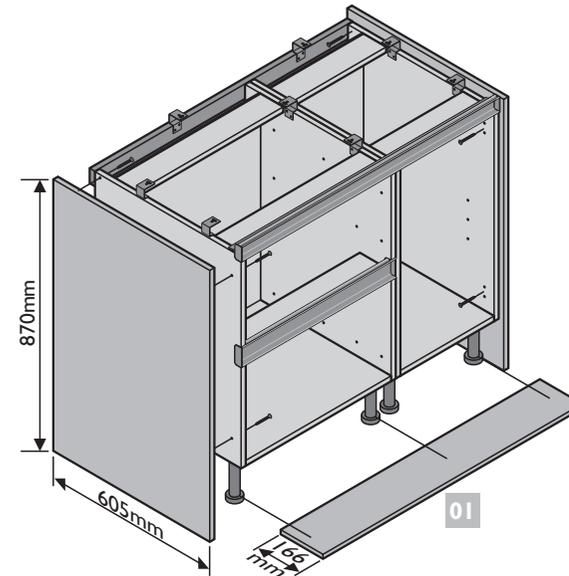


Add-on End Panel & Plinth Fitting

Fit all Add-on End Panels before fitting the plinths. This kitchen is always finished with Add-on End Panels enclosing the aluminium profiles. The end panels also enclose the plinth so there are no return plinths.

The Add-on End Panels should finish flush under the worktop. Ensure that the top of the end panel is level and even with the top of the brackets so that the worktop fits correctly.

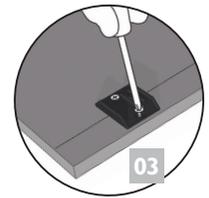
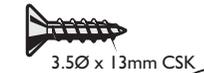
Fasten the Add-on End Panel from inside the adjacent unit with countersunk screws as shown. The screws may be concealed behind the hinge plates, drawer runners and back panels.



Add-on End Panels



Plinth



Important: The plinth should only be fitted when the floor cabinets are completely installed and levelled.

01 Cut the plinth to length using a fine toothed saw. Edging is not required. Position the plinth in front of the legs and draw a line across the plinth at the centre of each leg. Where two legs are side-by-side, only one clip is required.

02 Separate the two parts of the clip.

03 Fix the pad part of the plinth clip centred on the lines and half way up the plinth. Use the screws shown.

04 Slide the clip onto the fixed pad.

05 Push the plinth onto the onto the legs.

Note: It may be necessary to notch the plinth to allow ventilation for appliances. Please refer to the manufacturer's handbook for details.

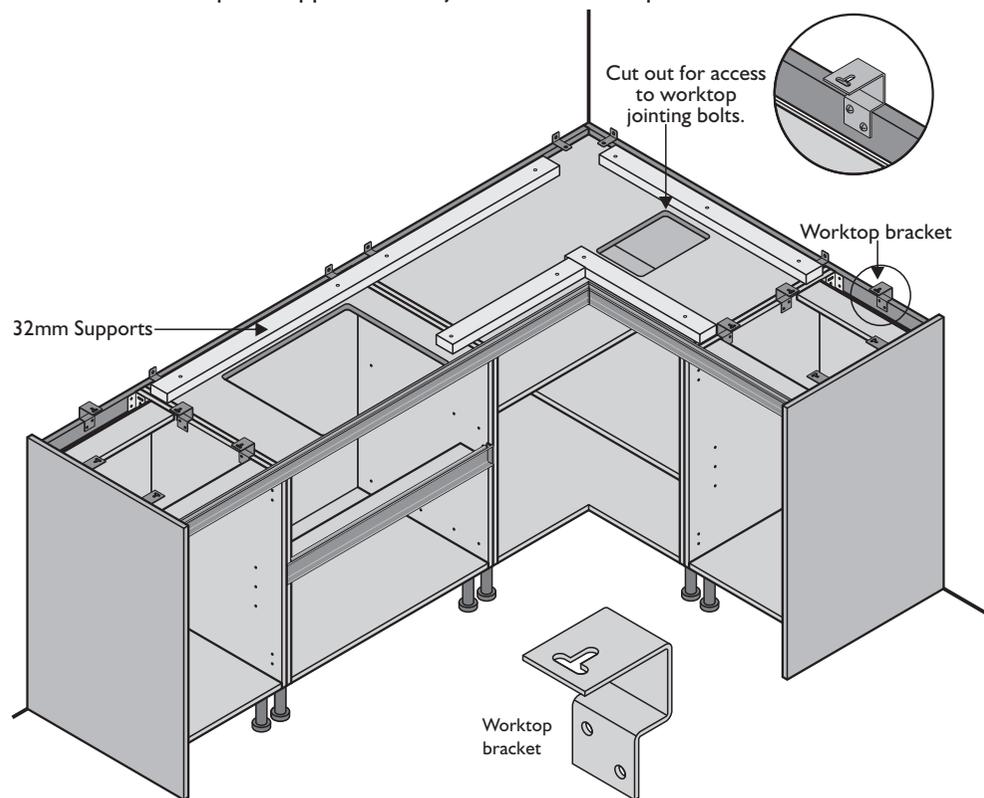
Worktop Fitting

Worktops must be a minimum of 610mm deep. To prevent damage to the worktop, especially where they have been cut out, two people are recommended to lift the worktop into position. Seal all raw edges on cut outs. It is recommended that a silicone bead is put on the top of the profile to seal between the units and the worktop.

For specialist worktops such as granite, composite, etc supplied through your dealer, do not fit the spacers and brackets as the worktop will be supplied with pre-fitted spacers.

Units with open tops are fitted with the supplied worktop brackets (5/unit). These are fitted to the carcass side panels and to the batten fixed to the wall. They must face inwards as shown. Once installed, the worktop is secured to the brackets with suitable screws. The rear brackets are not accessible for fixing up into the worktop.

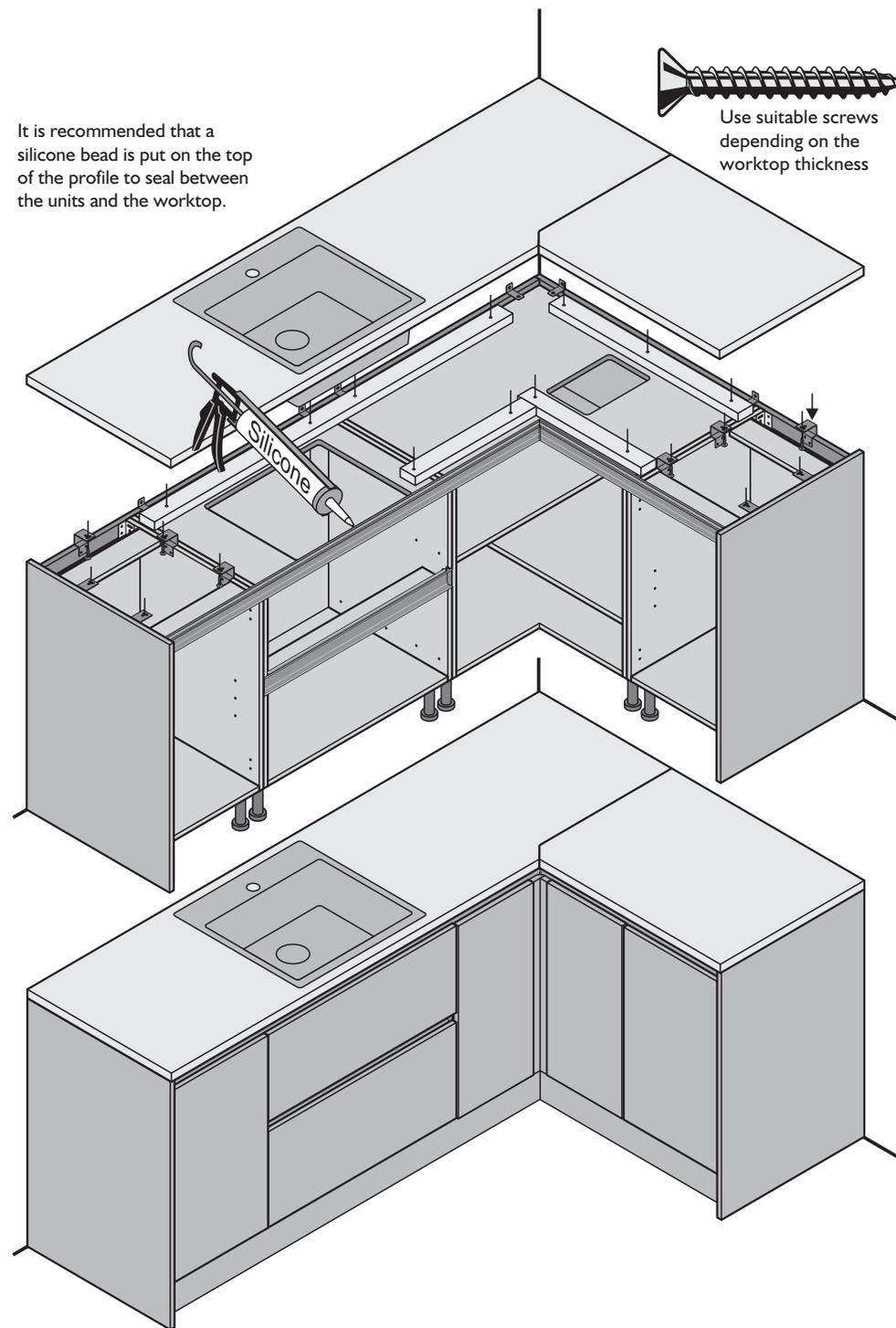
Units with solid tops should be fitted with supports with a thickness of 32mm. These may be made from two 16mm panels. Once installed, the worktop is secured by drilling through the supports and top panel and fixing the worktop with suitable screws. It may be necessary to cut access holes into the corner unit to install worktop jointing bolts. Ensure there is adequate support for the joint in the worktop.



It is recommended that a silicone bead is put on the top of the profile to seal between the units and the worktop.

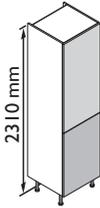


Use suitable screws depending on the worktop thickness



Section 6- Appliance Housing Overview

2310mm Tall Standard Appliance Housings Aperture & Frontal Sizes



Important: Please refer to the appliance manufacturer's fitting instructions as improper fitting may invalidate the appliance manufacturer's warranty. Make sure that the appliances are accessible and can be removed from the carcass if service is necessary. Ensure the units are properly vented as required by the appliance manufacturer.

Fridge/Freezer appliance housing types- All door types

Type ZHT355

50 / 50	
Aperture	Frontal
2000mm	1244mm★
	892mm★

Type ZHT355

50 / 50	
Aperture	Frontal
2000mm	1244mm★
	892mm
	892mm★

Type ZHT364

60 / 40	
Aperture	Frontal
2000mm	1436mm★
	700mm★

All fridge/freezer housings are supplied with a ventilation grill which is fitted into the plinth.

Combi appliance housing types- All door types

Type ZHT2BBI

Aperture	Frontal
450mm	572mm★
450mm	92mm▲
	572mm★

Type ZHT2BCI

Aperture	Frontal
450mm	444mm●
595mm	92mm▲
	572mm★

380 High Appliances- All door types

Type ZHT1AI

Aperture	Frontal
380mm	892mm★
	252mm▲
	700mm★

Type ZHT1AIBIDS

Aperture	Frontal
380mm	892mm★
	252mm▲
	700mm■

- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal
- ◐ = Dummy Drawer Frontal

The filler size indicated is the supplied panel size. In most cases, the filler requires trimming to suit the specific appliance size. Seal any raw edges and attach the steel trip supplied. Refer to Step 15 on page 33.

Refer to Section 4 for more information on unit configurations.

See pages 70-74 for frontal fixing positions for drawer and flap doors.

450 High Appliances- All Door Types

Type ZHT1BI

Aperture	Frontal
450mm	892mm★
	92mm▲
	700mm★

Type ZHT1BIBIDS

Aperture	Frontal
450mm	892mm★
	92mm▲
	700mm■

600 High Appliances- All Door Types

Type ZHT1CI

Aperture	Frontal
595mm	700mm★
	156mm▲
	700mm★

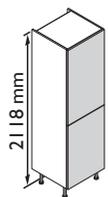
Type ZHT1CIBIDS

Aperture	Frontal
595mm	700mm★
	156mm▲
	700mm■

900 high appliance housing types- All door types

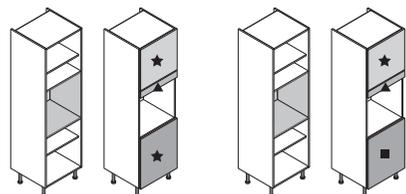
Type ZHT1DI

Aperture	Frontal
885mm	572mm★
	124mm▲
	572mm★



2118mm Tall Standard Appliance Housings Aperture & Frontal Sizes

600 High Appliances- All door types ZHICI ZHICIBIDS



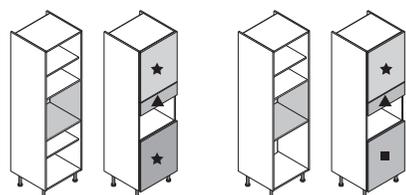
Aperture	Frontal	Aperture	Frontal
595mm	572mm ★	595mm	572mm ★
	92mm ▲		92mm ▲
	700mm ★		700mm ■

Important: Please refer to the appliance manufacturer's fitting instructions as improper fitting may invalidate the appliance manufacturer's warranty.

Make sure that the appliances are accessible and can be removed from the carcass if service is necessary. Ensure the units are properly vented as required by the appliance manufacturer. See pages 70-74 for frontal fixing positions for drawer and flap doors.

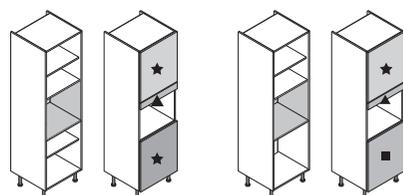
- ★ = Hinged Frontal
- = Drawer Frontal
- = Flap Frontal
- ▲ = Filler Frontal
- ◐ = Dummy Drawer Frontal

380 High Appliances- All door types



Aperture	Frontal	Aperture	Frontal
380mm	700mm ★	380mm	700mm ★
	156mm ▲		156mm ▲
	700mm ★		700mm ■

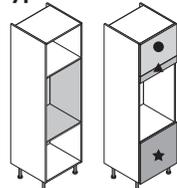
450 High Appliances- All door types



Aperture	Frontal	Aperture	Frontal
450mm	700mm ★	450mm	700mm ★
	92mm ▲		92mm ▲
	700mm ★		700mm ■

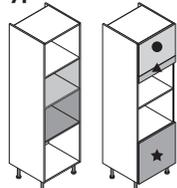
Combi appliance housing types- All door types

Type ZH1DI



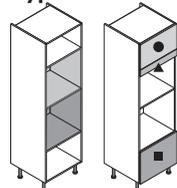
Aperture	Frontal
900mm	444mm ●
	92mm ▲
	572mm ★

Type ZH2BB1



Aperture	Frontal
450mm	444mm ●
450mm	92mm ▲
	572mm ★

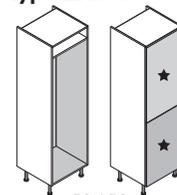
Type ZH2BC1



Aperture	Frontal
450mm	348mm ●
450mm	92mm ▲
	444mm ■

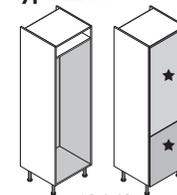
Fridge/Freezer appliance housing types- All door types

Type ZH355



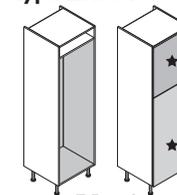
50 / 50	
Aperture	Frontal
2000mm	1052mm ★
	892mm ★

Type ZH355

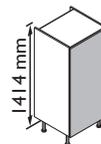


60 / 40	
Aperture	Frontal
2000mm	1244mm ★
	700mm ★

Type ZH364



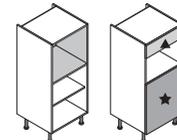
7.5 cu.ft	
Aperture	Frontal
2000mm	1244mm ★
	700mm ★



1414mm Mid Height Appliance Housings Aperture & Frontal Sizes

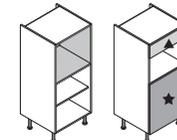
380 High Appliances- All door types

ZHMI A1



Aperture	Frontal
380mm	152mm ▲
	124mm ◐
	700mm ★

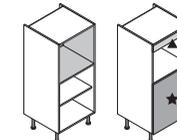
ZHMI A1BIDS



Aperture	Frontal
380mm	152mm ▲
	124mm ◐
	700mm ★

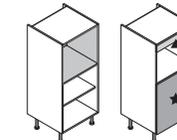
450 High Appliances- All door types

ZHMIB1



Aperture	Frontal
450mm	92mm ▲
	124mm ◐
	700mm ★

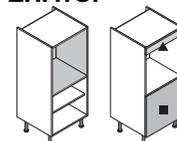
ZHMIB1BIDS



Aperture	Frontal
450mm	92mm ▲
	124mm ◐
	700mm ★

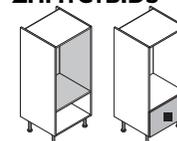
600 High Appliances- All door types

ZHMICI



Aperture	Frontal
595mm	92mm ▲
	572mm ■

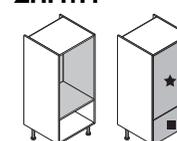
ZHMICIBIDS



Aperture	Frontal
882mm	348mm ■

Fridge/Freezer appliance housing

ZHMIF6

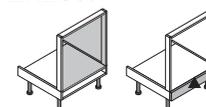


Aperture	Frontal
882mm	892mm ★
	348mm ■

Built-Under Oven Housing

All door types. Without drawer

ZHBU60



Aperture	Frontal
592mm	92mm ▲