

Fisher & Paykel

Integral Kit Instructions

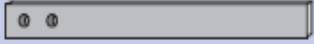
**Fisher & Paykel
Cabinet widths of
525, 635, 680, 790 mm wide
ActiveSmart Models**

Version 6

Manual 846233

Updated September 2016

PART NO.814990

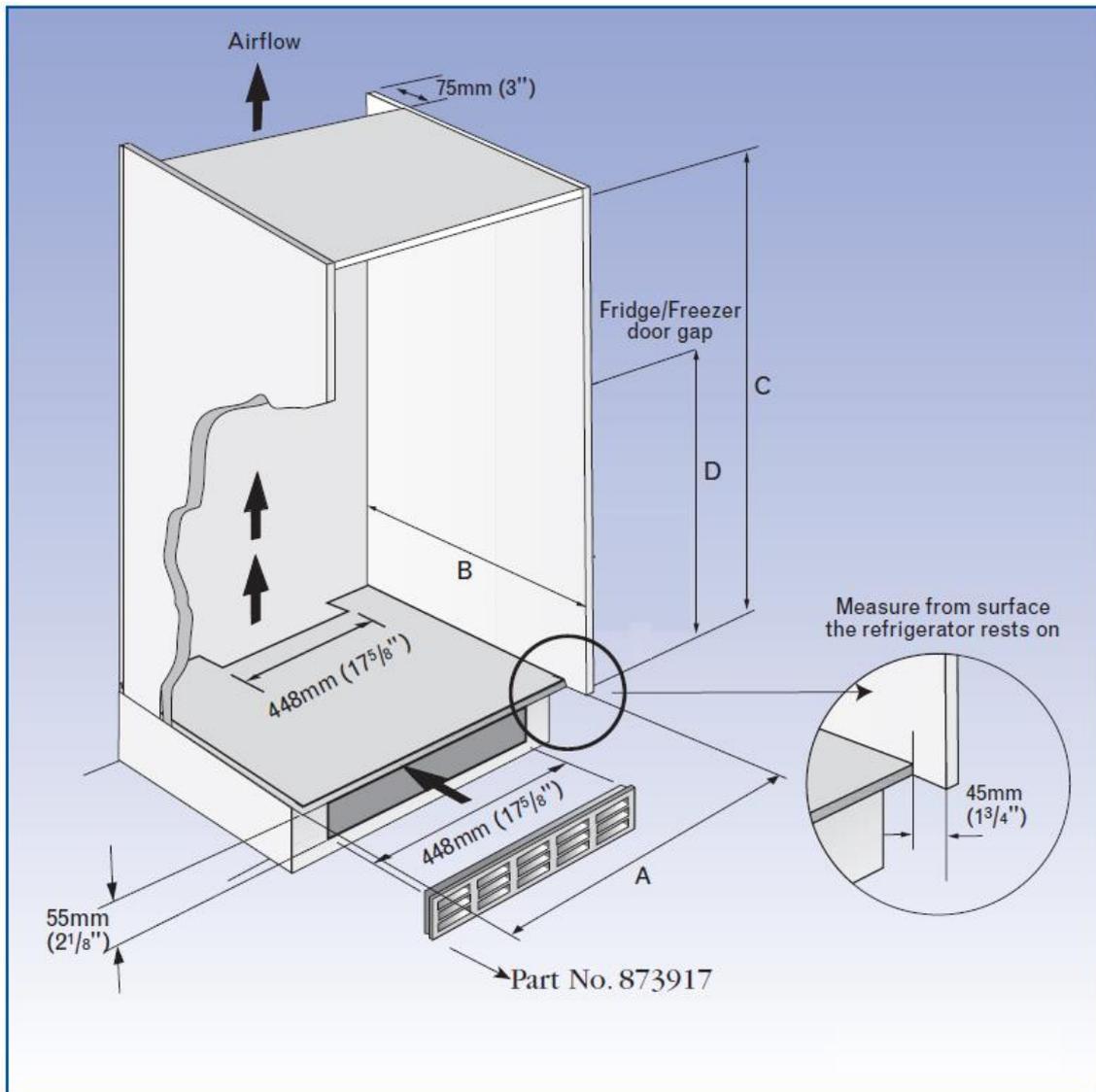
Parts supplied with Built-In kit Part No. 814990			
Part	Quantity	Description	Part no.
	4	Rail slide	880791
	4	Bracket slide	880792
	2	Foot Integration	880793
	8	Cap Elliptical for foot integration	880794
	2	Spacers 20mm	880795
	8	Screw A: (#8X 3/4 CSK POSI)	880796
	2	Screw B: (#8X30 CSK POSI)	880797
	8	Screw C: (#8X40 CSK POSI)	880798
	4	Screw D: (#8X 1/2 PAN PH)	900373
	1	Endcap Blank RH	883715
	1	Endcap Blank LH	883716
	5	Plug	880618

Note : Last 3 parts are only applicable for Curved doors. For description refer Page 10 & 11

Ventilation grill (Not part of the kit, order separately, recommended for integration of 790 wide models)

	1	Ventilation Grill (not part of the kit – order separately).	873917
---	---	---	--------

Installation dimensions



For Insert Doors add 30mm (2'') to A and B

Cabinet Construction

IMPORTANT NOTICE

For a refrigerator to function to its optimum standard it requires a certain amount of air clearance around the cabinet. With integration the cabinet is essentially sealed up. As a result, the products energy, temperature and/or basic performance could be affected as compared to a freestanding product.

If there are any issues with the products performance due to integration, this is at the customers' risk.

The base of the cabinet must be level- if not a shim may be required to lift the rear.

This diagram depicts the use of a ventilation grill. We recommend the use of this grill when integrating 790 wide models. This grill is not included in this kit and can be ordered as Part 873917.

Internal Dimensions of Cabinetry

Model 525	Width (A)	Depth (B)	Height(c) Non-concealed Hinge CURVED DOORS AS (see page 10)	Height (C) Concealed Hinge FLAT DOOR AS (see page 11)	PC/FC Centre line (D)
P120, RF120	600	600	840	-	-
C190,E150,RF190,RF150	600	600	1228	-	-
C170T,E169T,RF169T	600	600	1228	-	811
C270,E210,RF270,RF210	600	600	1616	-	-
E249T,RF249T	600	600	1616	-	1200
E240B,RF240B	600	600	1616	-	811

Model 635	Width (A)	Depth (B)	Height(c) Non-concealed Hinge CURVED DOORS AS	Height (C) Concealed Hinge FLAT DOOR AS	PC/FC Centre line (D)
E331T, RF331T	735	730	1456	1471	976
E373 / C373, E308	735	730	1456	1471	
E381T, RF381T	735	730	1626	1641	1146
E372B, RF372B	735	730	1626	1641	657
E411T, RF411T	735	730	1726	1741	1245
E402B, RF402B	735	730	1726	1741	657
E415H	735	730	1726	-	1245
E450 / C450, E388	735	730	1726 (Flat & Curved)	-	

Model 680	Width (A)	Depth (B)	Height(c) CURVED DOORS AS	Height (C) FLAT DOOR AS	PC/FC Centre line (D)
E413T	780	730	1616	-	1141
E406B	780	730	1616	-	652
E440T	780	730	1716	1741	1240
E442B / RF442	780	730	1716	1741	652

Model 790	Width (A)	Depth (B)	Height(c) CURVED DOORS AS	Height (C) FLAT DOOR AS	PC/FC Centre line (D)
E521T / RF521T	890	730	1716	1741	1240
E522B / RF522B	890 (35 1/32")	730 (28 3/4")	1716 (67 9/16")	1741 (68 9/16")	652 (25 11/16")

Internal Dimensions width of the built in cabinet : **790/680/635 models**

Cabinet internal width = Product width (790, 680 or 635) + 80mm (31/8") hinge side and 20mm (3/4") door open side.

For height dimensions of the doors don't forget to take into account the thickness of the material used in the floor and roof of the built in cabinet as the dimensions stated are **all internal**.

525 models Cabinet internal width (600mm) = Product width (525mm) + 55mm hinge side and 20mm door open side. Only 90° hinges are to be used. See hinging section (pg 5)

Note: All dimensions shown are internal.

This Kit is not suitable for French door models

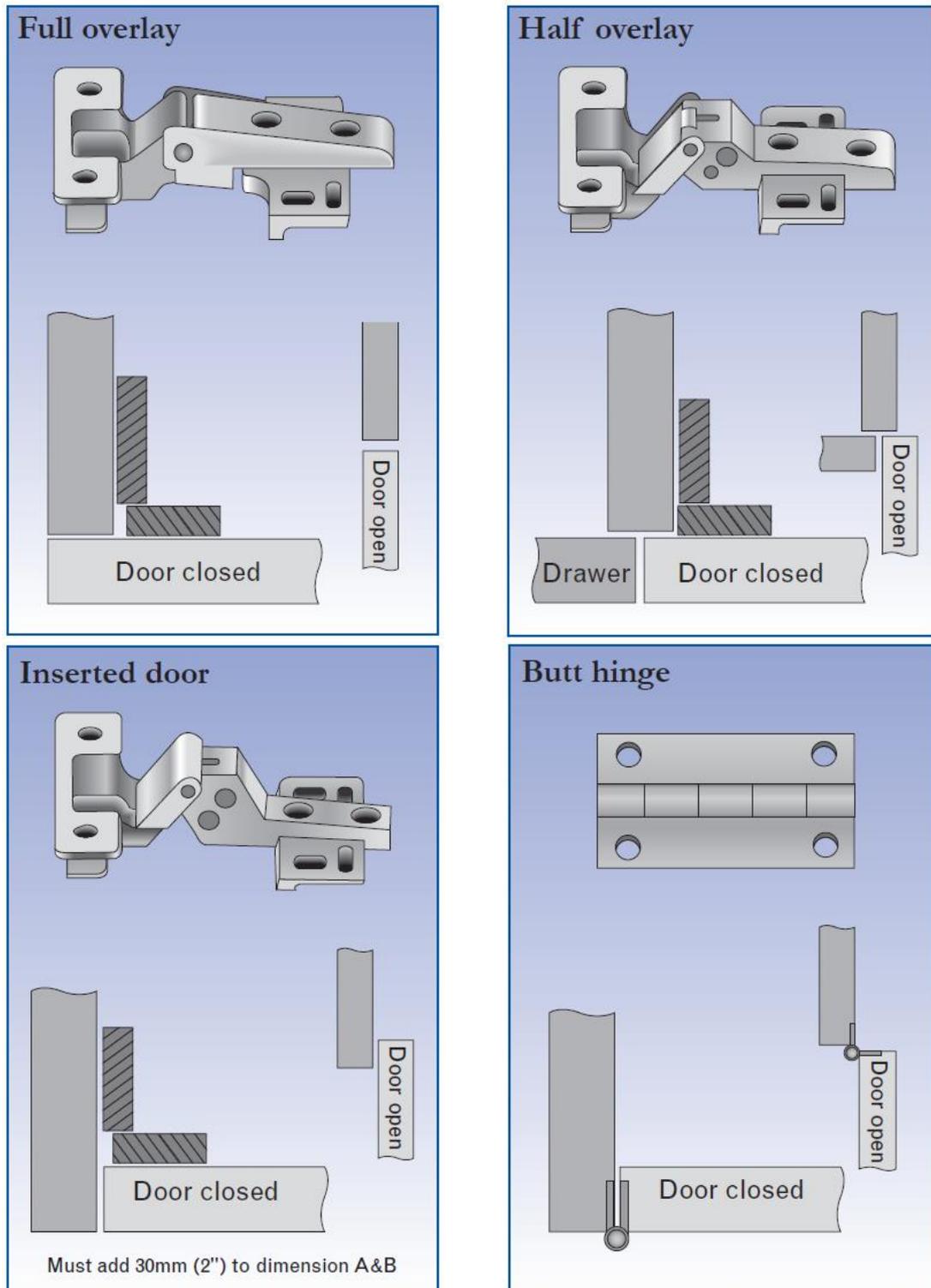
Hinges

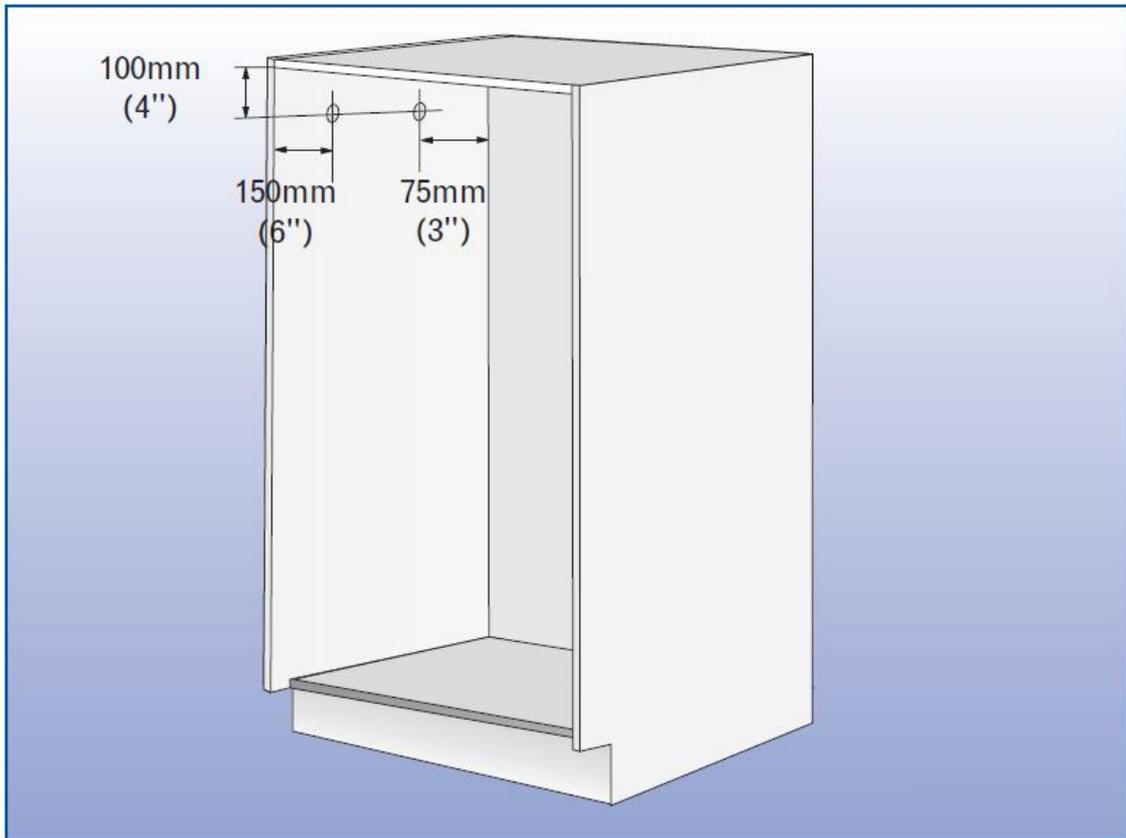
Illustrated below are some of the types of hinging that can be used.

790, 680 & 635 Models

It is recommended that 110° hinges having a low profile are used, either full or half overlay such as the GRASS brand. We recommend the use of hinges that can carry a high load, especially when integrating 790 models.

For 525 Models, we recommend only 90° hinges (to allow fitment in 600 modular units).





1 Prepare Refrigerator for Installation

- a) Check that the internal cupboard dimensions are correct (see page 4)
Unpack refrigerator protecting the floor and/or paint work from damage.
- b) Check that refrigerator door is hinged on desired side. Refer to use & care booklet for instructions to change hinge side.

Remove the door handles (refer to page 7).

Fit the door end cap blank to the corner of the door. Fit small plugs to the screw holes left when the door handle was removed.

Using screw A, attach spacers to the side of the built in cabinet on the side without hinges. They should be positioned approximately 100mm (4") from the top front, 150mm (6") from the front edge, and 75mm (3") rear corners of the refrigerator cabinet. These spacers along with the foot integration bracket maintain an even gap of 20mm (3/4") between the cupboard and the refrigerator side.

How to remove refrigeration handles

Tasman Models with Plastic Handles



1. There are 3 screws on the PC door and two on the FC door that hold on the tasman handles.
2. Remove cap-covering screws and remove screws, as shown below
3. Remove handle



Curved Door Models

Elegance



Inox



1. Remove door end cap to expose the door handle plate.
2. Remove screw which holds handle bracket as shown in Pic A
3. Remove plate, (Pic B) pull handle away from door.
4. Pull bottom of handle from door
Pic A



Pic B



Flat door models designer



1. Remove small screw from underneath of the handle (refer pic C)
2. Use 2.75MM Allen Key.
3. Once screws have been removed handle bosses can be removed from the door.

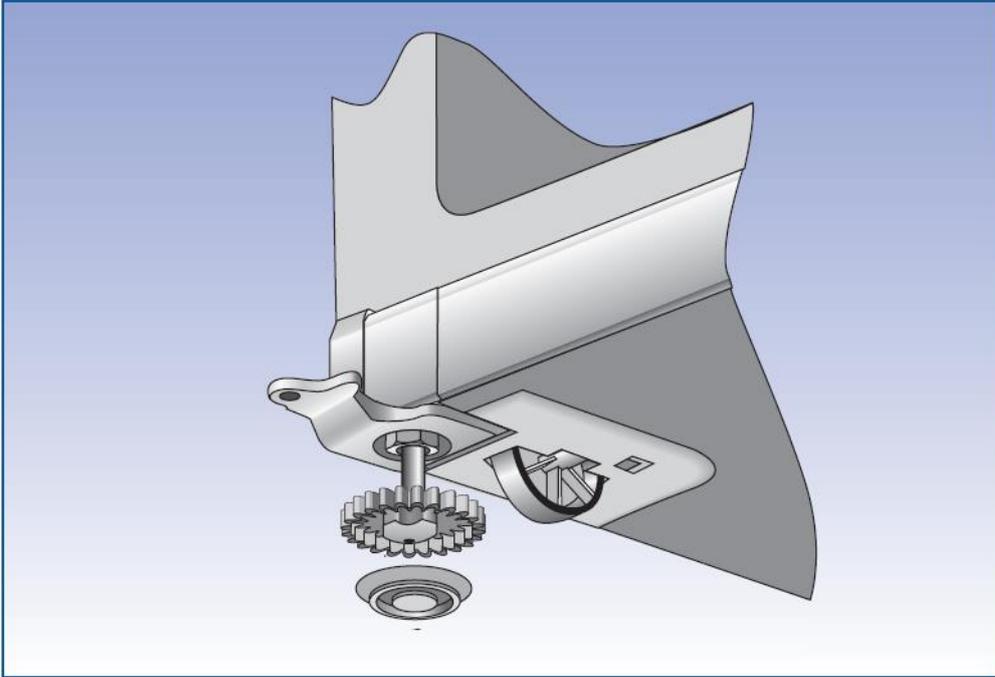


Pic C

**Flat Doors
Designer handles**

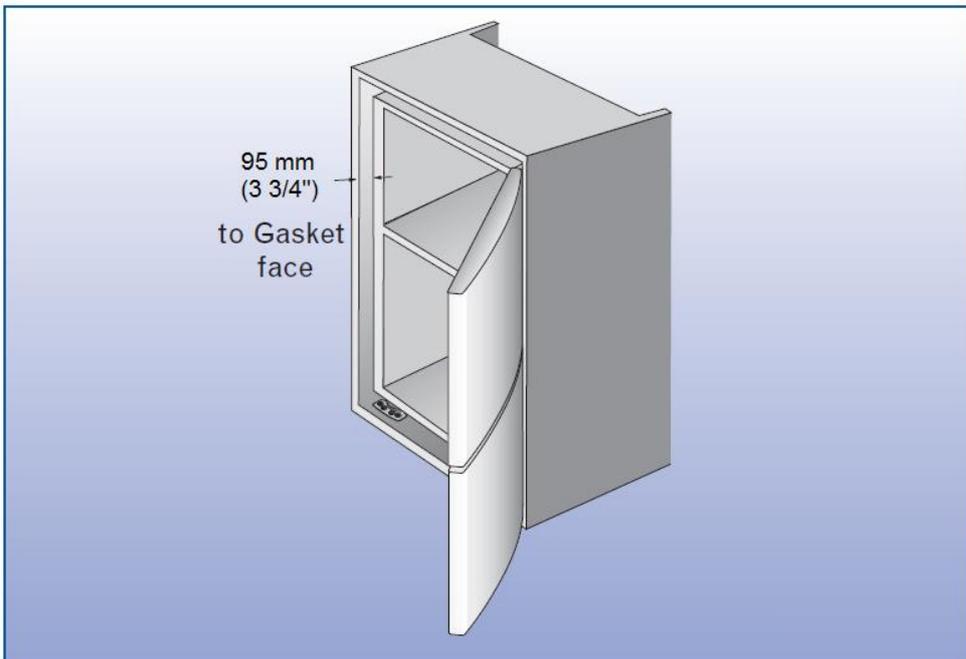


1. Using a 4 mm Allen key remove the grub screw from the underneath of the handles.
2. Remove the handles.
3. Remove handle bosses.



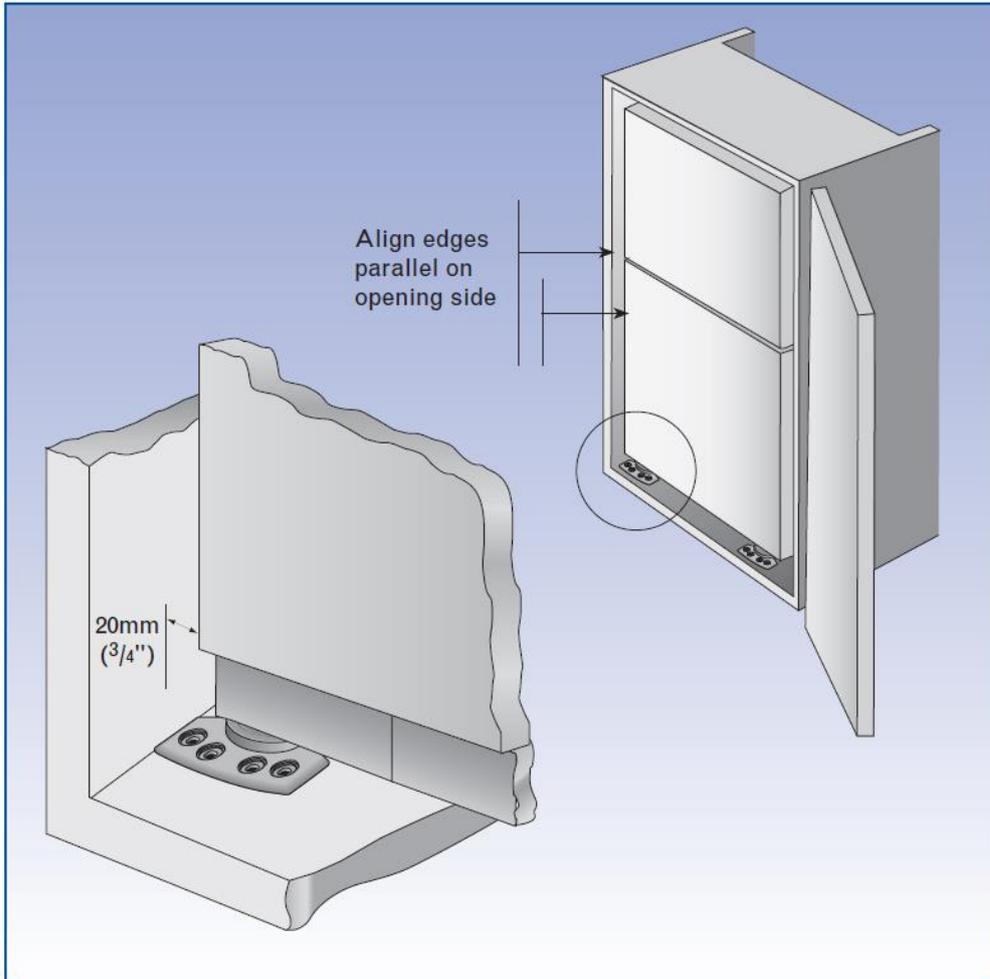
Tilt the product back and remove the levelling foot circular base insert from the front levelling feet, a small flat blade screw driver can be used.

Lift the product into the cabinet



CURVED DOOR

Lift the front edge of the product and slide the integration foot under the levelling foot. Push the product back to allow the outer cabinet door to close. This will be approximately 95mm (3 3/4") from the front edge of the built in cabinet to the gasket face of the refrigerator



FLAT DOOR

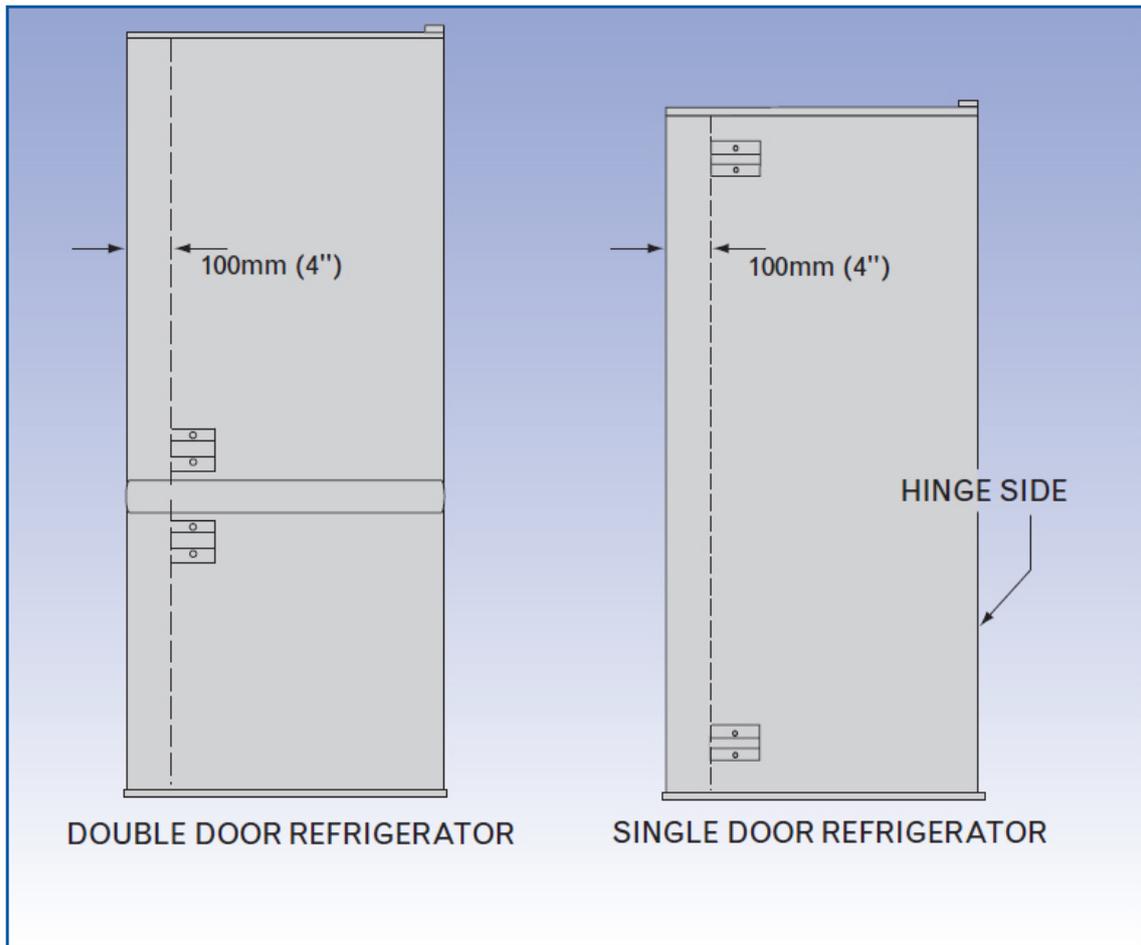
Align refrigerator in cupboard

Slide the product toward the opening side of the cupboard. The integrated foot should touch the cupboard wall. This will set a 20mm (3/4") gap between cupboard and refrigerator.

Adjust the product so it is parallel to the cabinet front to back and side to side.

This is obtained by the adjustment of the front levelling feet.

WARNING: Please be advised that adjustment of glass shelves is not possible once the refrigerator has been integrated.



Attach slide bracket to refrigerator doors

Attach the slide bracket to the side of the door opposite to the hinges, 100mm (4") in from the edge.

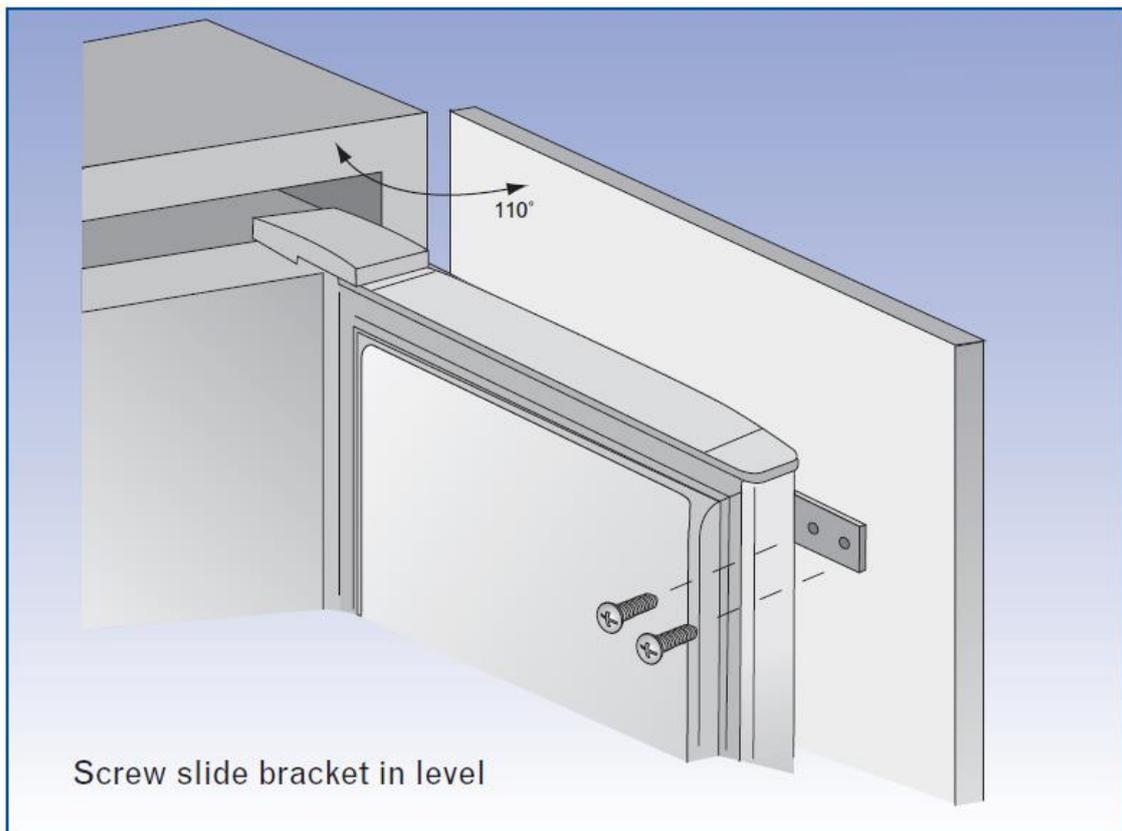
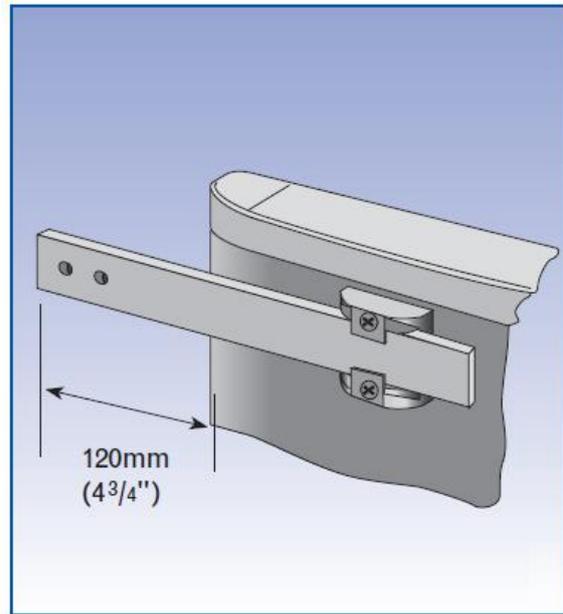
On a two door refrigerator use one slide bracket per door. If integrating a 790 model, we recommend using 2 slide brackets per door - one near the bottom of the door & one near the top of the door to evenly distribute the weight. The brackets should be attached to the opening side of the doors near the refrigerator and freezer compartments.

On a single door refrigerator use one slide bracket at each end of the door.

Screw brackets firmly into the steel door face using countersunk screw B.

Attach slide bracket to cupboard door

- a) Open both cupboard and refrigerator door to 110° degrees. (525 compact models to 90°)
- b) Put slide bracket in retainer, 120mm (4³/₄" approx past refrigerator door. (diagram 9).
- c) Check that screw A (supplied with kit) will not penetrate front surface of cupboard door (diagram 10).
- d) Screw slide bracket level into the cupboard door using screw A (supplied with the kit)
- e) Check slide mechanism does not bind through swing of door.
- f) Repeat for second bracket.



IMPORTANT

Ensure that refrigerator doors are able to close fully and seal around the flexible gasket on the refrigerator/freezer. This is to prevent air leaks and icing problems

Complete Installation

- a) Complete the installation by screwing the foot integration into position, using screw (D) (supplied with the kit), and the cap elliptical to cover the screws.