

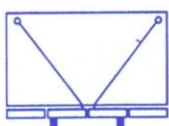
ezyfold

DOOR CONTROL UNITS

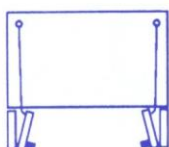
THE UNIQUE DOOR OPENING SYSTEM

Ideal for

- PANTRIES
- WARDROBES
- CUPBOARDS
- MOBILE HOMES & CARAVANS

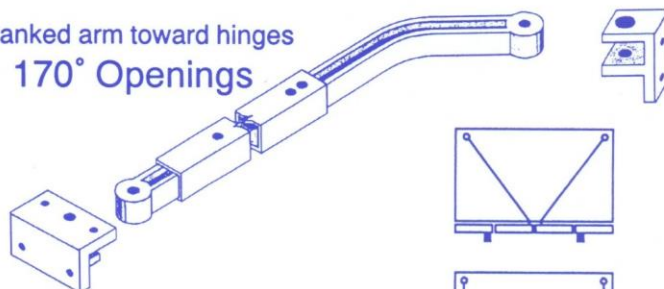


Door Knob/Handle
position for
95° & 110° Openings



EZYFOLD controls and swings the 'loose' cupboard door open and out of the way for easy access to the cupboard.

Cranked arm toward hinges
170° Openings



Simply reverse
the arm for



95° & 110° Openings
Cranked arm from hinges

Door Knob/Handle
position for
170° Openings

HELPFUL HINTS

- Note the suggested position for door pulls in unit drawings 1 – 6.
- There should be approximately 2mm - 10mm of spring extension when doors are closed. You can check this by measuring.
- There should be no spring extension while doors are being opened. Check this too!
- The leaves of doors should be as close together as possible when doors are fully opened.
- Make sure the Door Bracket G is fixed as close as possible to the leading edge of the door.
- The installation of the Ezyfold Unit is the same for In-line corner units. Doors may be overlapped as shown in Diagram 4, unit drawing 6.

THE SPRING EXTENSION

This will compensate for any distortion to the furniture unit during manufacture, or use by the consumer.
You can get the leading edge of the door to lie against the front plane of a furniture unit for a greater distance before having to 'move-out' during the opening action, when a greater spring extension is used. If you slowly open and close the doors on your furniture unit, you will understand what we mean. Conversely, less tension of the spring extension will have the reverse action.

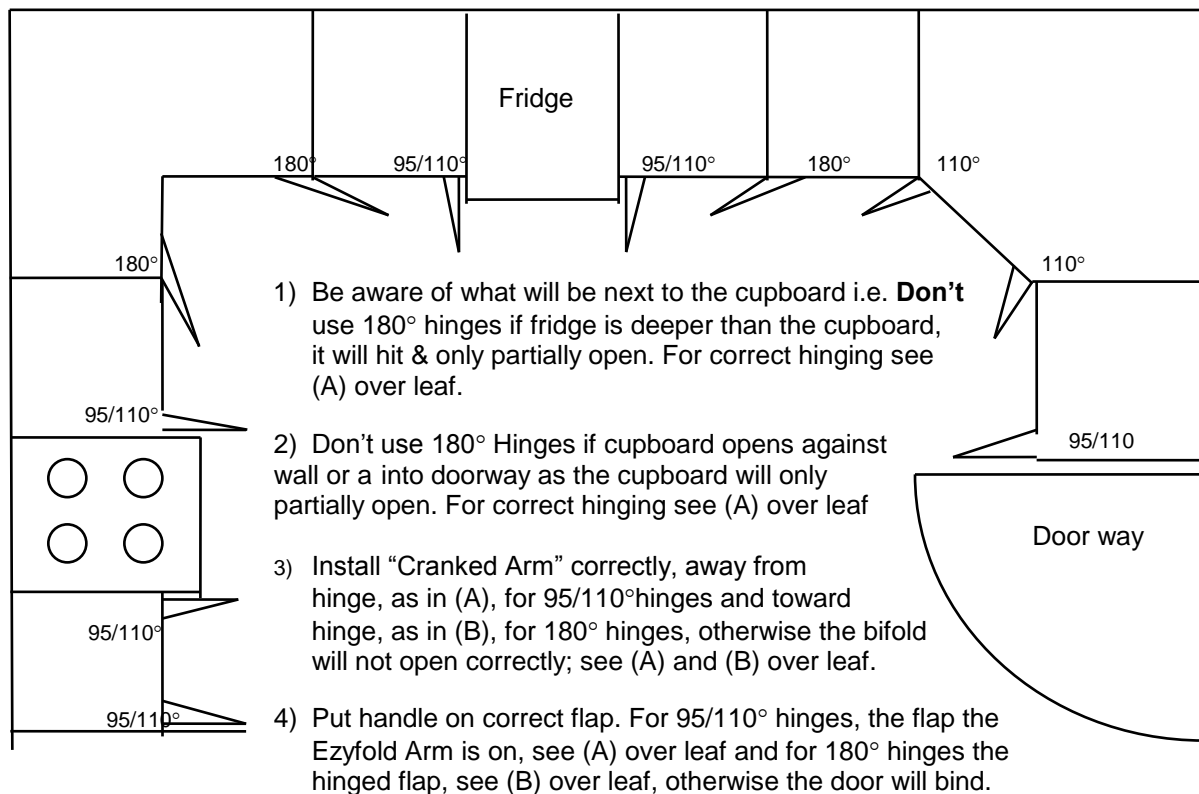
LENGTH OF THE CONTROL ARM

Generally, a longer control arm will result in a smoother action.
A smoother arm will cause the leading edge of a door to 'move-out' immediately a door is opened (see our explanation in 'Spring Extension' section).

EXAMPLES OF UNIT PROPORTIONS AND DOOR ARRANGEMENTS

UNIT	WIDTH X DEPTH OF UNITS	SETS OF DOORS	CONNECTING TUBE	DOORS OPEN	DOORS CLOSED
1	1000 x 600 Pantry or Wardrobe	One Door/2 leaves Maximum recommended width for 2 leaf door	530 mm		
2	1000 x 500 Shallow Pantry or Kitchen Floor Unit	Two Doors/4 leaves	330 mm		
3	600 x 600 Pantry or Wardrobe	One Door/2 leaves	530mm or 330 mm <small>Illustration right shows two alternative arm lengths and the fixing positions for both. Choose the one that most suits your requirements.</small>		
4	550 x 500 Kitchen Floor Unit	Two Doors/4 leaves Minimum recommended width for 2 Doors	230 mm		
5	500 x 300 Kitchen Wall Cupboard	One Door/2 leaves	230 mm		
6	Typical Kitchen Floor Corner Unit	Door may be lapped over at corner when closed	330 mm		

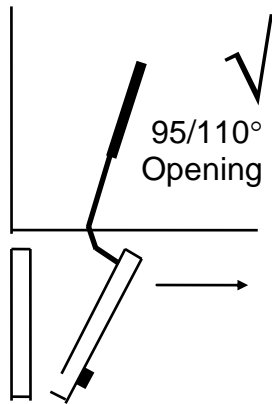
Choice of hinges and placement of door handle



Refer to next page to see correct and incorrect examples of Ezyfold installation.

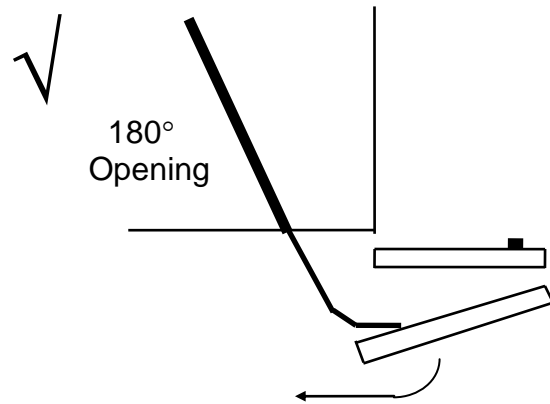
The important points to remember are:

1. The direction of the plastic crank in relation to the hinge used.
2. The handle position in relation to the hinge used.
3. Will what is next to the unit hamper door operation?



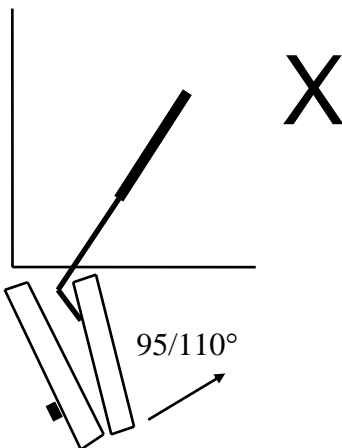
(A)

Correct crank & handle position
for 95/110°

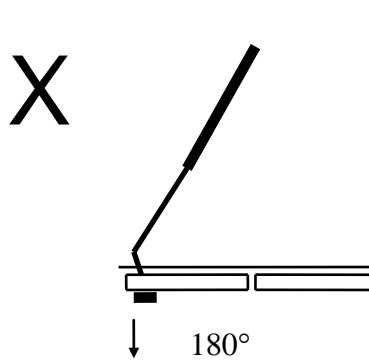


(B)

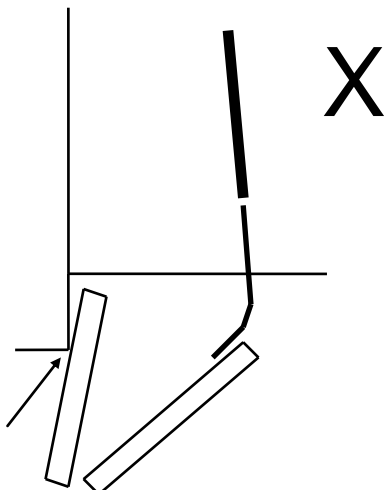
Correct crank & handle position
for 180°



Correct crank but
handle on wrong flap,
door will bind.



Correct crank but handle
on wrong flap, door will
not operate properly.



Incorrect use of 180° hinges, door hits
unit. **Correct** hinge to use 95/110°

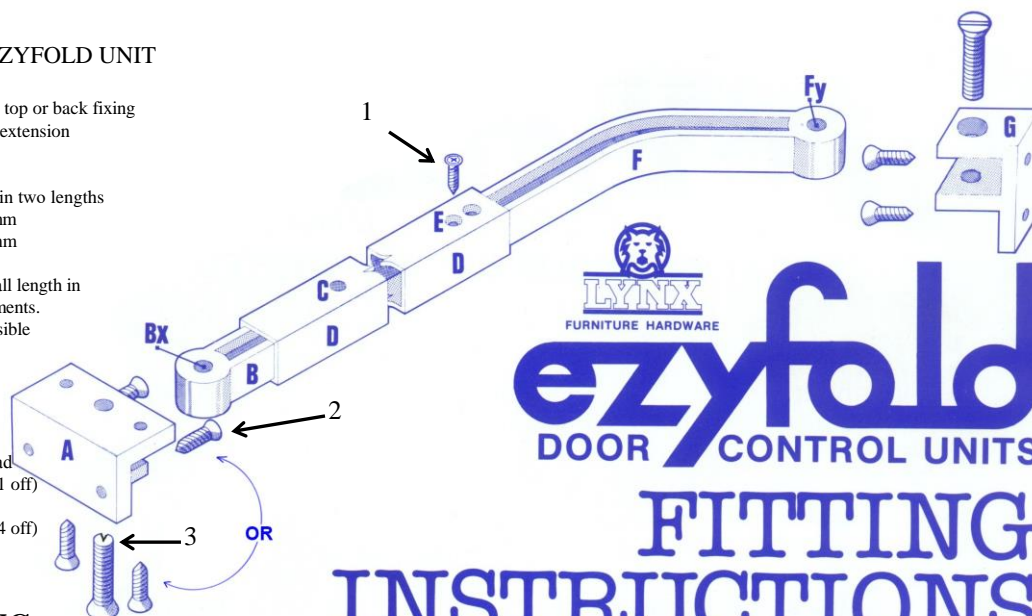
COMPONENTS OF THE EZYFOLD UNIT

- A Rear Pivot Bracket - optional top or back fixing
- B Rear Connection with spring extension
- Bx Rear Pivot Point
- C Spring Retaining Pin
- D Connecting Tube - available in two lengths
530 mm
330 mm

- E Screw Holes for setting overall length in increments of 2.5 mm adjustments.
- F Cranked Connections - reversible for left or right hand installations.
- Fy Door Pivot Point
- G Door Bracket

SCREWS

- 1 6 gauge x 5/8" mushroom head pozidrive, self tapping screw (1 off)
- 2 8 gauge x 5/8" counter sunk pozidrive, self tapping screw (4 off)
- 3 M6 x 25mm counter sunk pozidrive, deck screw (2 off)



BEFORE STARTING:

- It is important that you read the following step-by-step instructions carefully.
- Each step is fully illustrated in the accompanying diagrams.
- Ezyfold Door Control Units are easy to install if you read the instructions in relation to the diagrams.
- We suggest you tick the box adjacent to each instruction as each step is completed to ensure you do not miss any part of the installation process.

STEP 1

- ☐ Hinge doors to furniture unit:
Most self-closing overlay hinges will do if they have an opened angle of 170° - 180°.
- ☐ Fit Door Pivot Bracket 'G' as close as you can to the leading edge of the door.
- ☐ Insert Cranked Connection 'F' into Connection Tube 'D'. Select a suitable length of adjustment for the Cranked Connection 'F' - In the middle of the adjustment holes should do. Fix with a screw in either of the holes marked 'E' in Components Diagram.
- ☐ Fix Cranked End 'F' to Door Bracket 'G' by putting a machine screw through hole marked 'Fy'.
- ☐ Now study Diagram 1. Observe the positions of the Ezyfold Arms and see where the arc marked 'a' has been drawn.
- ☐ Close the doors and insert a thin pencil into Rear Pivot Hole Bx and scribe an arc by following through the natural movement of the Ezyfold Arm.

STEP 2

- ☐ Study Diagram 2. Note that both leaves comprising each of the two doors and marked 'c' are folded together as far back as they will go. Do this.
- ☐ Shorten the Cranked Connection 'F' by 5mm - 10mm by relocating the screw in either of the holes marked 'E' in the Components Diagram.
- ☐ Holding both leaves of the door firmly back in the fully opened position, insert a pencil in the Rear Pivot Point Bracket marked 'Bx' in the Component Diagram and scribe another arc (marked 'b' on Diagram 2).
- ☐ Fix the Rear Pivot Bracket 'A' with its pivot screw hole centred on the point where arc 'a' and 'b' (Diagram 2) intersect.
- ☐ Attach Rear Connection 'B' to Rear Pivot Bracket 'A' by placing a machine screw in the hole marked 'Bx'.
- ☐ Check opening/closing action of door. There should be a 5mm - 10mm spring extension on the Rear Connection piece 'B' when the door is fully closed due to the shortening of the Cranked Connection 'F' as per the second instruction on Step 2. If a minor adjustment is required, do this by again altering position of screw in hole 'E'.

THE INSTALLATION PROCESS IS NOW COMPLETE UNLESS:

- ☐ The Rear Pivot Bracket is to be rear mounted, (i.e. on the back wall of your furniture unit).
- ☐ You do not wish to top mount the bracket where arcs 'a' and 'b' intersect but would prefer an alternative top-mounting position for reasons of access into the furniture unit etc.

IF EITHER OF THE TWO POINTS ABOVE APPLY, CONTINUE ON TO STEP 3.

STEP 3

- ☐ Study Diagram 3 carefully.
- ☐ Fully close door and mark its pivot point: see 'a' on Diagram 3.
- ☐ Open the door fully with the leaves in their folded position. This is pivot point 'd' on Diagram 3.
- ☐ Measure the distance between points 'd' and 'e' as per diagram 3. Divide this in half see 'f'. Draw a pivot line from this half-way point, through intersecting arcs 'a' and 'b' to the back wall of the furniture unit and continue this line on down the back wall to the point where you want to fix the Rear Pivot Bracket. If the bracket is to be rear-mounted, fix it at any point you desire on this back wall pivot line.

OR

- ☐ If the Rear Pivot Bracket is to be top-mounted, fix it on any point on the top pivot line.

REMEMBER: You can fix the Rear Pivot Bracket at any point on your pivot lines and the position you choose is only limited by the length of the Ezyfold Arm. We have illustrated three possible positions in Diagram 3 - there are others.

AS VIEWED FROM TOP

DIAGRAM 1

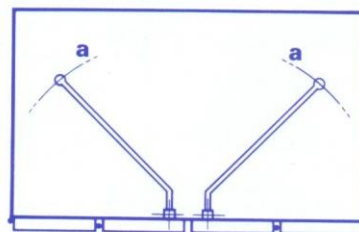


DIAGRAM 2

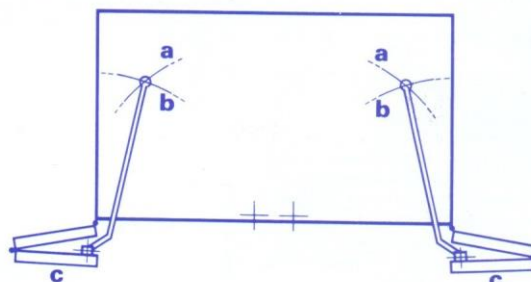


DIAGRAM 3

