ASSEMBLY INSTRUCTIONS

Harlow

CONTENTS

Main aluminium parts	P1
End sections	P2
Adding the long rails	P3
End plates	P4
Centre legs	P5
Squaring & fixing	P6
Wall & floor problems	P7
Shelving	P8
Watering	P9
Fitting liner	P10
Fitting handles	P11
Fitting glass	P12
Fitting corner trim	P13
Troubleshooting	P14
Notes on using the frame	P15

Video instructions:
Helpful video clips are available at:-

www.garden-products.co.uk/instructions



Can we improve?
We hope that you find our instructions clear and concise. If you have any suggestions for improvements email:

instructionfeedback@garden-products.co.uk

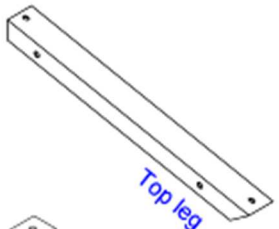
Please keep all packaging until installation is complete

Access Garden Products
Crick
NORTHAMPTON
NN6 7XS

Tel: 01788 822301
Fax: 01788 824256
sales@garden-products.co.uk
www.garden-products.co.uk

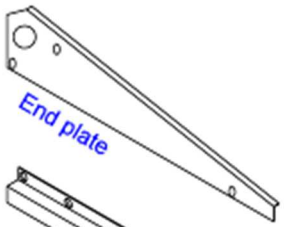
Assembly instructions for model: Harlow AL2 (1.00m/3'4") BL2 (1.51m/5'0")

Date: Sep 2026 Rev 15 File:L2

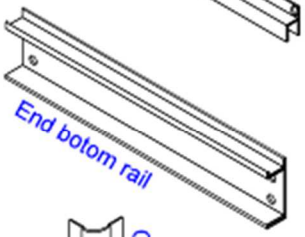




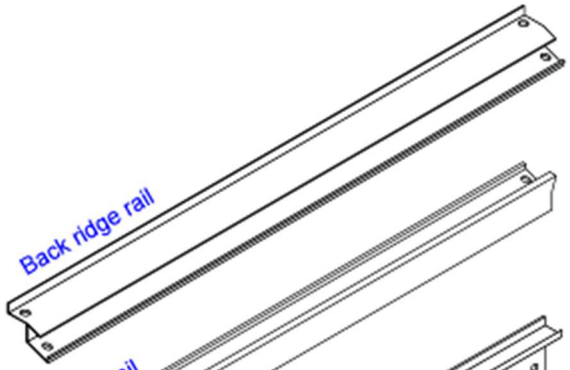














FIT THE WASHER UNDER THE HEAD OF ALL HEX HEAD BOLTS UNLESS OTHERWISE INSTRUCTED

Leg parts	AL2	BL2
Back leg	2	3
Front leg	2	3
Top leg	2	3

End parts	AL2	BL2
End plate	2	2
'h' section	2	2
Bottom rail	2	2
Corner Angle	2	2

Long parts	AL2	BL2
Ridge rail	1	1
Top rail	1	1
Bottom rail	1	1
722mm shelf rod	0	14
937mm shelf rod	6	0

Additional Items		AL2	BL2
Handle 475mm		3	3
Handle 725mm		3	3
Grey watering pipes		2	3
Watering pack	I-SP-1	1	1
Screw pack	SCREW-H4	1	1
Wall fixing pack	FR-WF6	1	1
Front anchorage pack	FR-AK	1	1
Wide shelf pack	S-W2	0	1
Standard shelf pack	S-N2	1	1
Trim pack	TRIM-4	1	1
Black 12mm channel liner	W65-5M	1	1
Black 16mm channel liner	W66-2M	1	1
Allen Key	SCREW-H4	1	1

MAIN ALUMINIUM PARTS



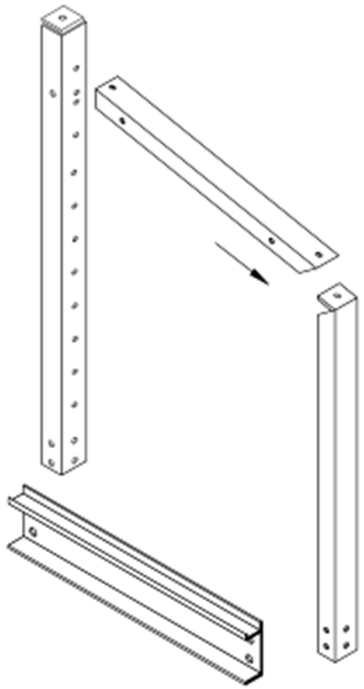


Top leg rests against the **FLAT FACE** of back leg—it is not bolted to the back leg

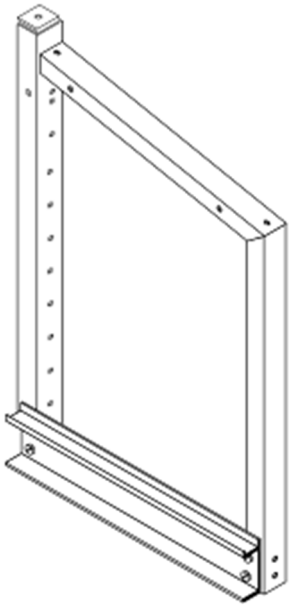




Back leg the wrong way round



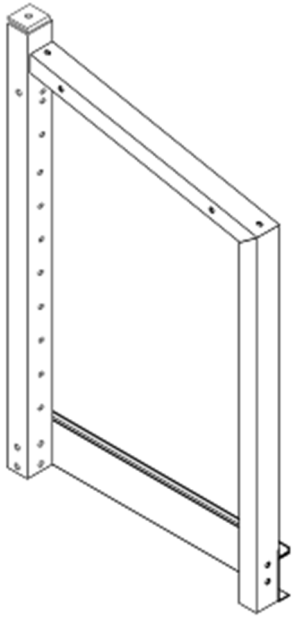
EXPLODED VIEW



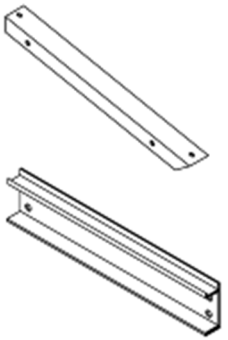
FINISHED
LEFT HAND END



Slide the tongue of the front leg into the groove on the top leg.



FINISHED
RIGHT HAND END





YOU ALSO NEED:	
10mm BOLTS	4
METAL WASHERS	4
NUTS	4
Located in pack: SCREW-H4	

PARTS NEEDED FOR EACH END

1 Make up the LEFT hand end as shown.

2 Make up the RIGHT hand end as shown.

DO NOT FULLY TIGHTEN BOLTS AT THIS STAGE

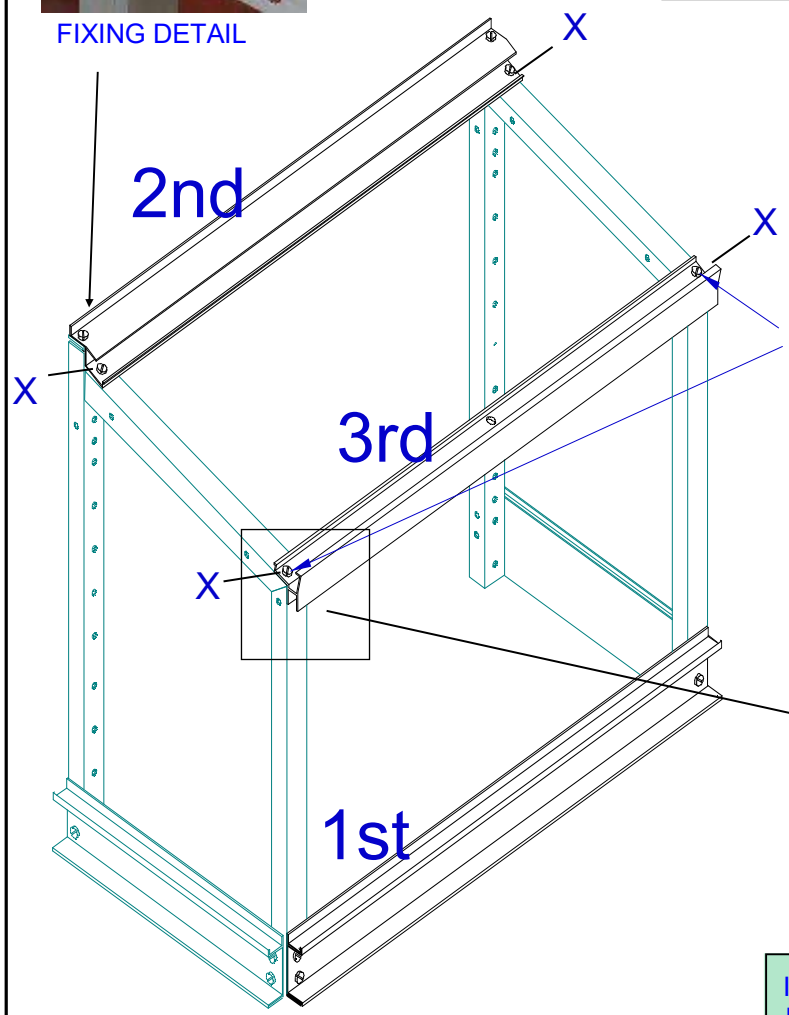
END SECTIONS



FIXING DETAIL

DO NOT FIT A WASHER AT POINTS MARKED X

ON POWDERCOATED UNITS TAKE CARE NOT TO OVERTIGHTEN THESE BOLTS OTHERWISE THE COATING WILL BE DAMAGED



USE THE TWO 20MM BOLTS WITH THIS RAIL



FIXING DETAIL

IF YOU ORDERED A ROLLER SHADE, FIT THE SPRING STEEL CLIPS NOW

PARTS NEEDED

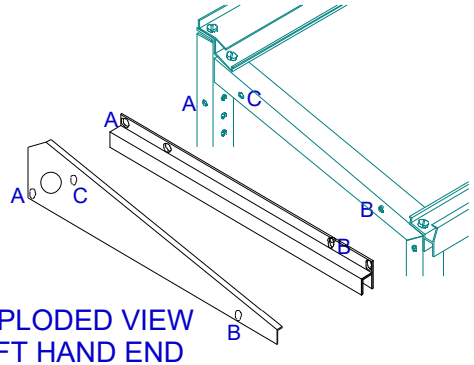


YOU ALSO NEED:	
10mm BOLTS	8
20mm BOLTS	2
METAL WASHERS	6
NUTS	10
Located in pack: SCREW-H4	

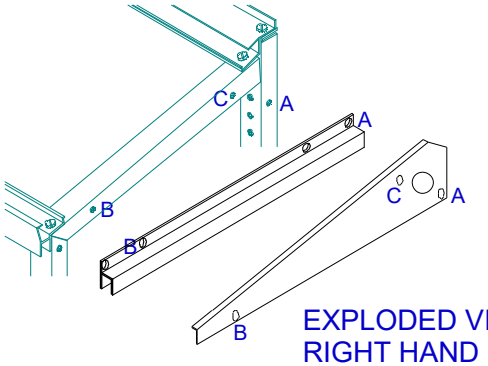
1 Bolt on the rails in the order shown.

DO NOT FULLY TIGHTEN BOLTS AT THIS STAGE

ADDING THE LONG RAILS

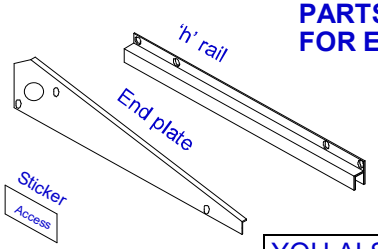


EXPLODED VIEW
LEFT HAND END



EXPLODED VIEW
RIGHT HAND END

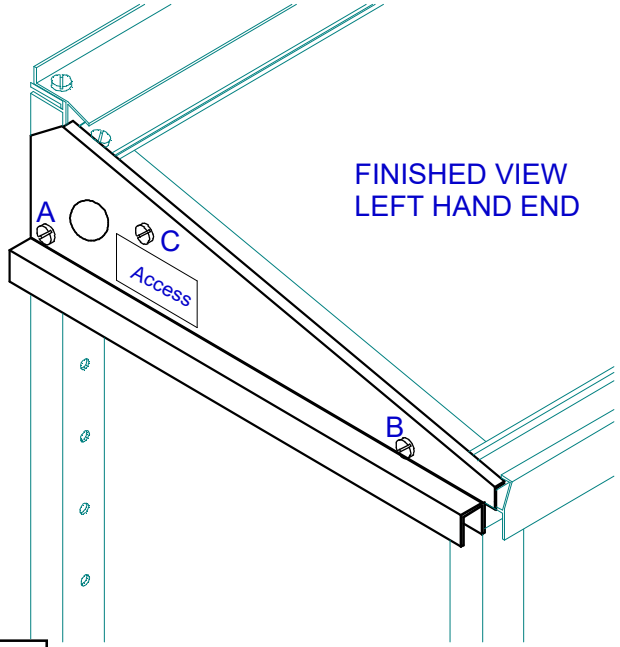
PARTS NEEDED FOR EACH END



YOU ALSO NEED:	
10mm BOLTS	3
METAL WASHERS	3
NUTS	3
Located in pack: SCREW-H4	



THE END PLATE
FITS UNDER THE
RIDGE RAIL LIP



FINISHED VIEW
LEFT HAND END



THE END PLATE
FITS UNDER THE
FRONT RAIL LIP

1 **<u>Remove any plastic protective film</u>** from the end plates and put 'Access' sticker on.

2 Make up the LEFT hand end as shown.

3 Make up the RIGHT hand end as shown.

NB Bolt 'C' only goes through the end plate and the frame.

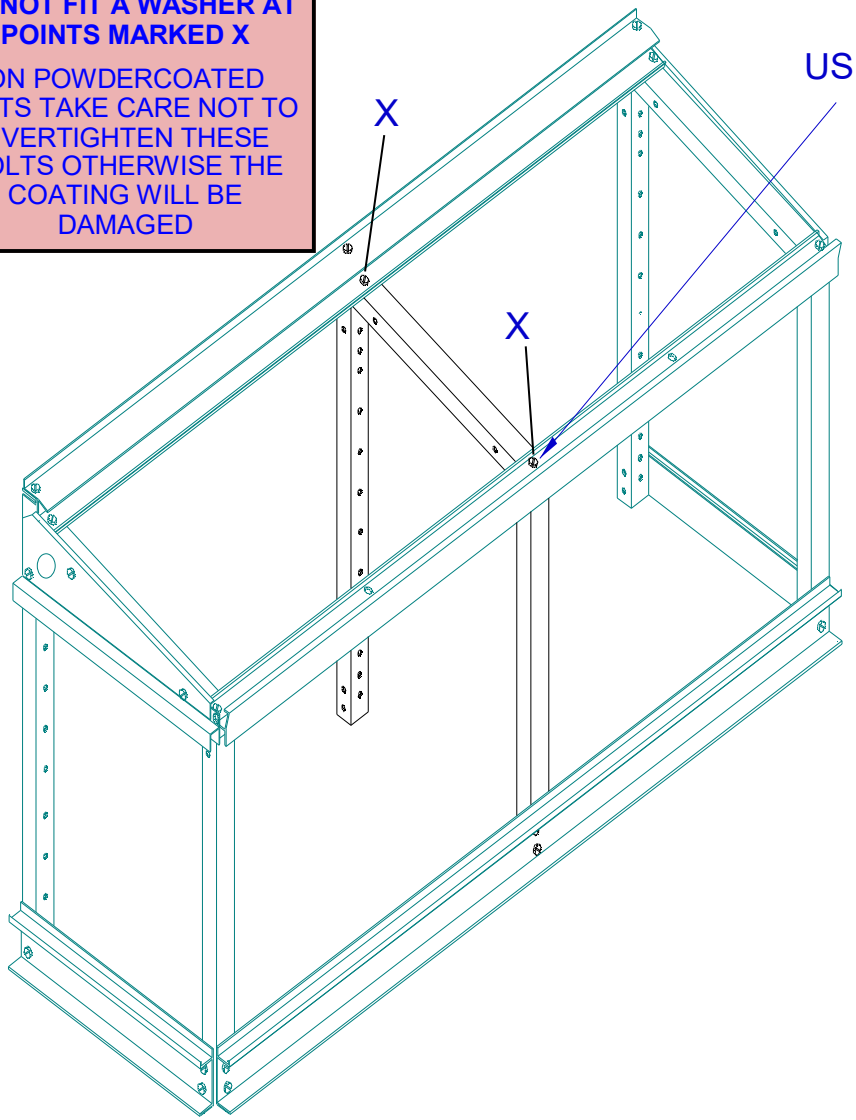
DO NOT FULLY
TIGHTEN
BOLTS AT THIS STAGE

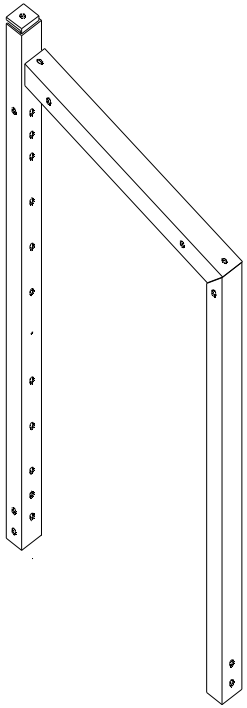
IF YOU HAVE AN
AL2 MODEL
GO TO PAGE 6

END PLATES

DO NOT FIT A WASHER AT POINTS MARKED X

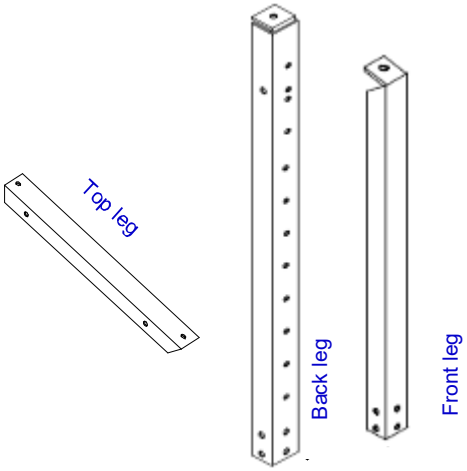
ON POWDERCOATED UNITS TAKE CARE NOT TO OVERTIGHTEN THESE BOLTS OTHERWISE THE COATING WILL BE DAMAGED





CENTRE LEGS PRIOR TO FITTING

PARTS NEEDED



YOU ALSO NEED:	
10mm BOLTS	4
20mm BOLTS	1
METAL WASHERS	3
NUTS	5
Located in pack: SCREW-H4	

1 Fit legs as shown into the frame.

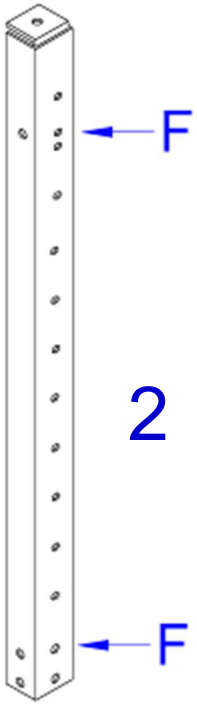
DO NOT FULLY TIGHTEN BOLTS AT THIS STAGE

CENTRE LEGS — BL2 MODEL

1 SQUARING THE FRAME

Use a set square (or the A5 frame squaring card provided) to square the unit up in the 3 places shown.

Slacken the nuts if necessary to move the framework into a square position.



IT IS ESSENTIAL TO GET THE FRAME SQUARE. DO NOT ALIGN TO THE WALL AS IT MAY NOT BE SQUARE .

Ensure distance 'A' is equal to distance 'B' otherwise the shelves will not fit. (It may help to assemble one shelf and fit into place).

Once the frame is completely square tighten up all the nuts.

2 FIXING TO WALL

Two hammer fix screws are used in each 'back leg' (pack FR-WF6).

Counting from the floor the screws go in the holes marked 'F'.

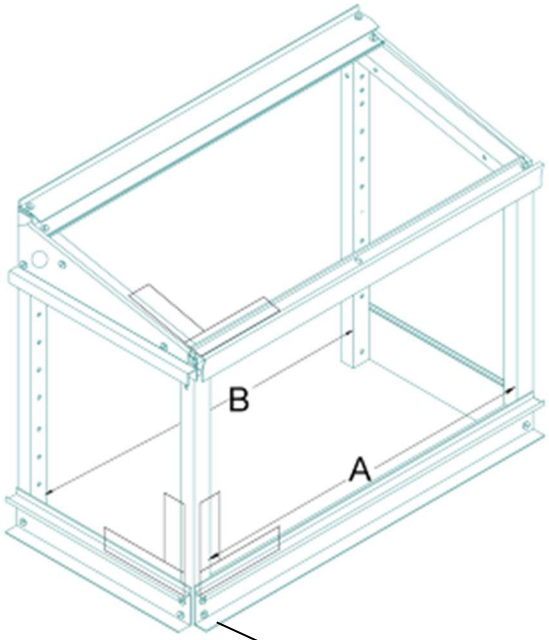
Holes 2 & 13

Using a 6mm masonry bit drill, mark the drill at a depth of 65mm. With the unit against the wall, drill through the holes (F) until the mark reaches the hole in the 'back leg'. Push the COMPLETE screw and rawlplug through the hole in the back leg and into the wall.

Lightly hammer or screw in with a 'phillips head' screwdriver.

WEAR APPROPRIATE SAFETY EQUIPMENT WHEN DRILLING OR HAMMERING

FULLY TIGHTEN ALL BOLTS



TIP: If your drill is touching the framework, just mark the holes, then remove the frame to allow the holes to be drilled

PARTS NEEDED

Front anchorage pack	FR-AK
Wall fixing pack	FR-WF6

3 FRONT FIXING TO FLOOR

Once the unit has been fitted to the wall the front anchorage kit (pack FR-AK) can be fitted.

Fit the 'L' bracket to the front leg using a nut and bolt.

Drill through the bracket with a 6mm masonry drill bit, to a depth of 35mm. Insert the red rawlplug, through the bracket and into the concrete.

Using woodscrew, screw through the 'L' bracket and into the rawlplug.

Repeat for other end.

On BL2 model fit an 'L' bracket to the centre leg.

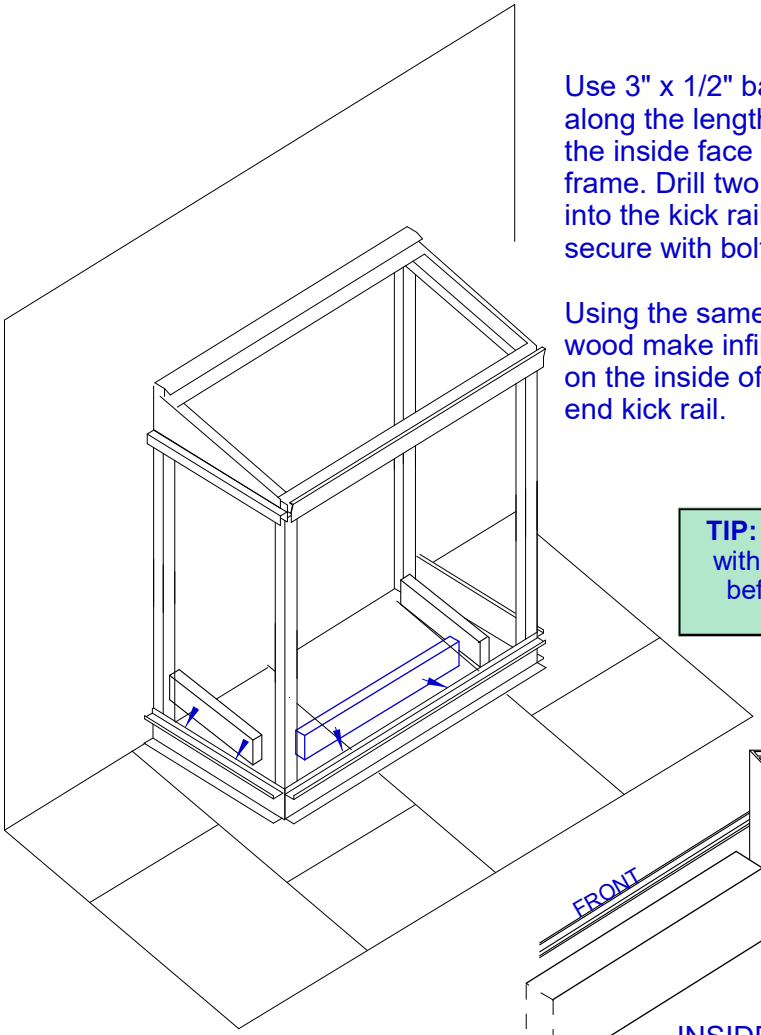


INSIDE VIEW OF FRONT LEG SHOWING FRONT FIXING

IF YOU HAVE PURCHASED A BACK KIT FIT IT AFTER SQUARING THE FRAME

SQUARING AND FIXING

FLOOR FALLING AWAY



Use 3" x 1/2" batton along the length of the inside face of the frame. Drill two holes into the kick rail to secure with bolts or screws.

Using the same size wood make infill pieces on the inside of each end kick rail.

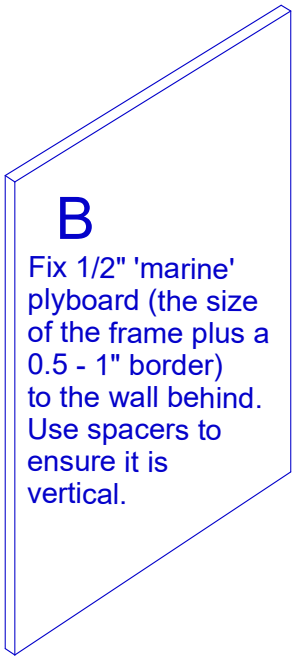
TIP: Always treat timber with wood preservative before fixing in place

INSIDE VIEW OF FRAME

Screw or bolt 'L' shaped brackets to the wood and then to the floor

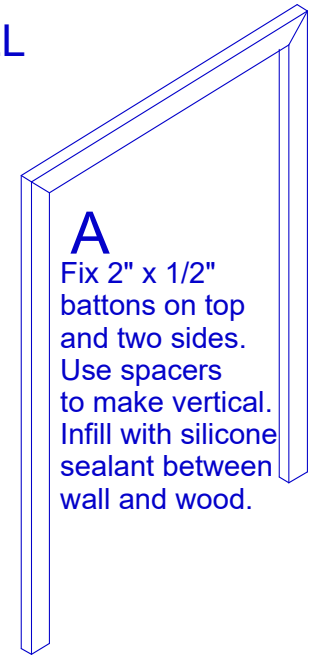
ROUGH OR SLOPING WALL

To solve problems with walls choose option A or B below.
Fit the frame to the woodwork using 1.25" wood screws. (not supplied)
Seal around the inside of the frame with silicone sealant when finished.



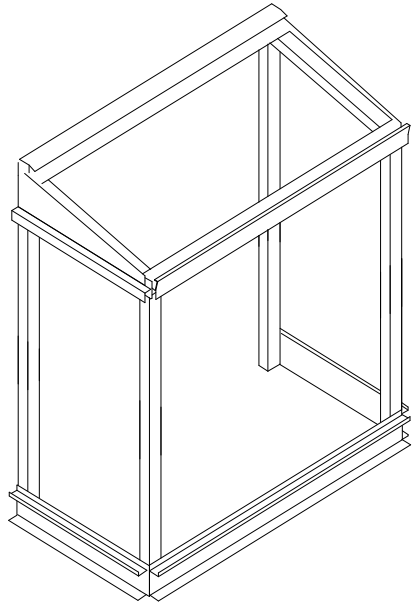
B

Fix 1/2" 'marine' plyboard (the size of the frame plus a 0.5 - 1" border) to the wall behind. Use spacers to ensure it is vertical.



A

Fix 2" x 1/2" battons on top and two sides. Use spacers to make vertical. Infill with silicone sealant between wall and wood.



WALL & FLOOR PROBLEMS

The AL2 model has 2 standard full length shelves.

The BL2 model has 2 standard half length shelves + 2 wide half length shelves.

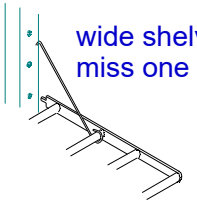
FITTING



Hook support wire into top hole, then swing shelf upward into the hole. Make sure flat face of shelf rod is uppermost.



standard shelves: use adjacent holes

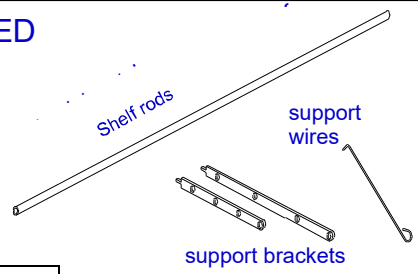


wide shelves: miss one hole

PARTS NEEDED

Square rod profile
Flat face is uppermost



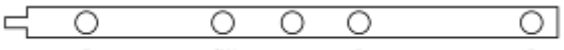


YOU ALSO NEED PER SHELF ROD:	
RAWLPLUG	2
WOOD SCREW	2
Located in packs: S-N2 or S-W2	

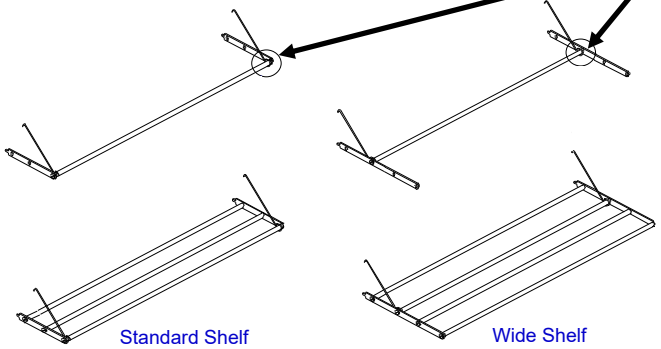
YOU ALSO NEED PER COMPLETE SHELF:	
NYLON SPACER	2
Located in packs: S-N2 or S-W2	

1. Lightly tap rawlplug inserts into both ends of the tubular aluminium shelf rods with a hammer.
2. Screw the support brackets on to each end EXCEPT for the rod that has the support wires.
3. For the rod with the support wires put the spacer and the support wire onto the screw BEFORE passing through the bracket.

5–hole strap (wide)
Fit the rods to the holes ‘F’ - the rod with support wire is marked SW. The centre hole is unused.





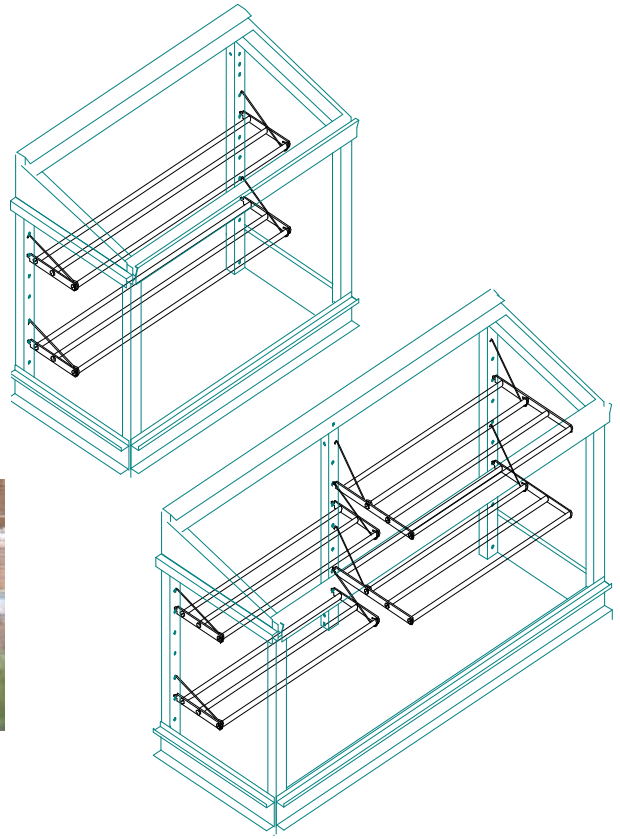


Note: A Pozidrive screwdriver will fit the screws best

HALF LENGTH SHELF FITTING



Support wires can share same hole as support bracket



The large number of holes in the back leg allow the spacing of the shelves to be easily altered.

When the shelves are not needed they can either be removed or they can be unhooked from the lower fixing hole and hung flat against the back using the wires.



Bottom shelf hung flat against the back

1

Choose which end you would like the watering inlet.



Fit the washer onto the thread of the adaptor, and then fit the nipple



Push the assembly through the hole from the inside



Screw the brass elbow onto the protruding thread from the outside



Fit the black grommet (from pack SCREW-H4) into the unused irrigation hole at the opposite end of the unit

TIP: Dip the end of the pipe in water. For a better fit, twist the pipes as they are inserted

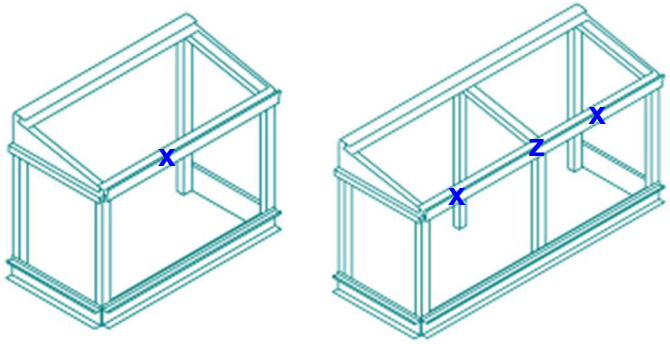


PARTS NEEDED:		
NOZZLE ASSEMBLY	AL2 BL2	1 2
SINGLE TEE		2
BLANKING PLUG		3
'L' BRACKET	AL2 BL2	1 2
ENTRY FITTING: Nipple, adaptor, washer and brass elbow		1
10MM BOLTS & NUTS	AL2 BL2	1 2
BLACK STRAPS (short) (long)	 BL2	3 1
Located in pack: I-SP-1		

6mm PIPES	AL2 BL2	2 3

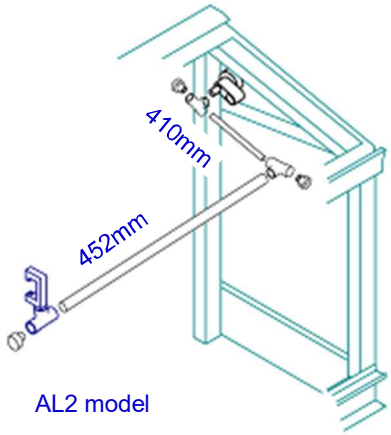
2

'L' shape brackets need to be fitted inside the frame.
x - Use a nut and bolt to fix to the hole.

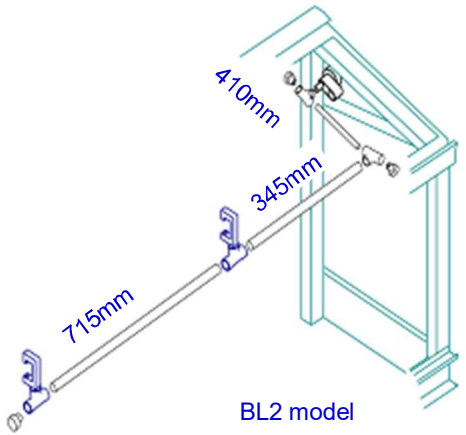


3

Fit the irrigation system as shown. The pipes push into the black fittings.



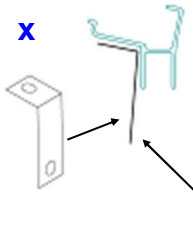
AL2 model



BL2 model

4

Once assembled use the black straps to secure the watering system to the 'L" shaped brackets and then strap the pipes to the end of the frame using the hole in the top leg. The long strap is used to secure the pipe to the top leg at position 'Z' (BL2 only).



Use black strap through hole to fix pipework to bracket



End securing strap



Inlet and link pipe

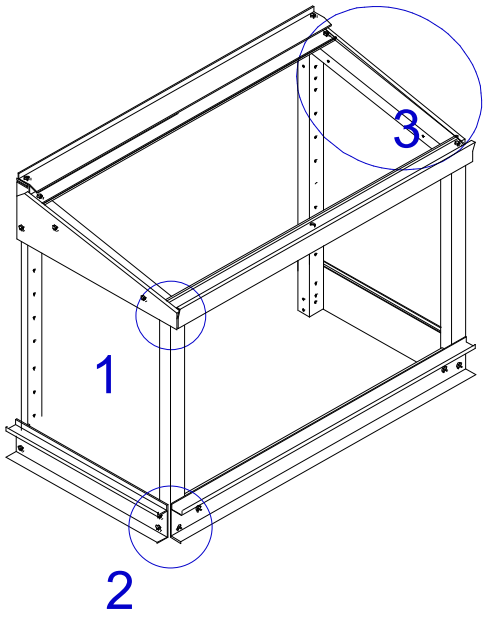


Nozzle strapped to 'L' bracket

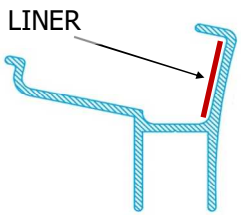
WATERING

FITTING THE CHANNEL LINER

Before sticking the tape, clean the aluminium of any oil traces to promote adhesion

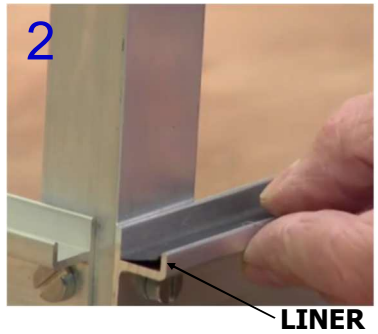


1 The black 16mm channel liner (W66-2M) fits on the inside vertical face of top FRONT rail only. This is a loose fit so strips of double sided tape are included to secure it until the glass is in place.









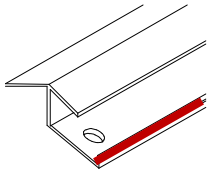
2 The black 12mm channel liner (W65-5M) goes in the FRONT bottom rail only. Using the strips of double sided tape press liner down so that it LIES FLAT at the bottom of the channel - trim with a knife if necessary.

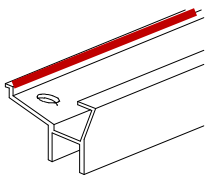
THE DOORS WILL NOT SLIDE PROPERLY
IF THE LINER IS NOT FLAT

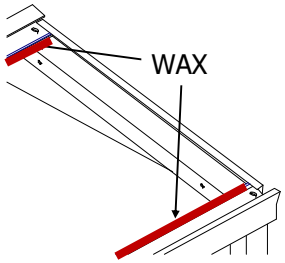
TIP: Do not use the red covered sticky pads that are for the handles

3 To make the top glass slide more easily, rub candle wax onto the glass bearers. Also wax the black 12mm and 16 channel liners.









Removing the tape

Peel the **narrower** backing tape off first, this will expose the sticky pad, allowing it to be stuck onto the liner.

Tip: Bend the backing tape back on itself to make it easier to peel the sticky pad off.

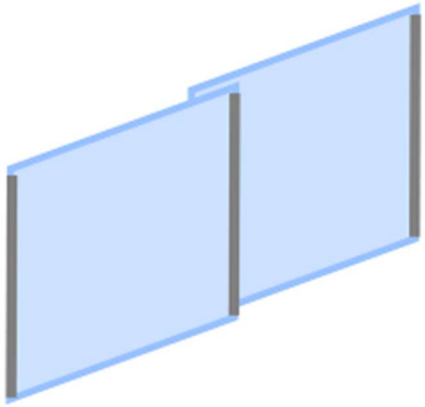
Place pads regularly down the length of the liner.

When ready, peel the wide backing pads off the tape and stick the liner to the aluminium.



On the next page are instructions on how to fit the handles to the glass

TIP: Always grip the handle in the CENTRE when sliding



HANDLES

The right hand glass sheets always have 1 handle.

The left hand glass sheets always have 2 handles.

When fitting place the right hand glass sheet in the channel first, then place the left hand sheet in front, overlapping the first sheet.

	'B' sheet	'C' sheet
Sheets requiring one handle	1	1
Sheets requiring two handles	1	1

SEE PAGE 13 FOR WHICH GLASS SHEETS NEED HANDLES



Handle fitted with 15mm gap



Sheet with 2 handles



Sheet with 1 handle

WARNING

If broken, toughened glass will fragment safely.

If the edges are knocked or chipped the glass will spontaneously fragment. This is a natural occurrence due to the toughening process. Care should be taken when moving or cleaning, not to damage the edge of the glass.

When placing the glass in the frame, ensure that the glass is securely placed in the runners before letting go of the glass.

When fitting the handles, place the glass on a table or timber battens.

NEVER PLACE THE GLASS DIRECTLY ON CONCRETE OR SLABS

DO NOT lift the glass by the handle.

If possible, leave the handles overnight in a warm place to promote the curing of the adhesive.

Why do we only have one glass channel?
We use a single channel for two sheets of glass as outside in the garden, one wide channel is much easier to keep clean than two narrow channels.

Gripping the glass to slide
It is important to always slide the glass from the centre of the handle, if you try and slide the lower channels by gripping the top of the handle, you may inadvertently lift the panel out of the channel.

Corner angles and sliding the front glass
When closed, both panels will tuck behind the corner trims to keep them secure. Before sliding the right hand panel open, slide the left hand panel open by approx. 1" to release it from behind the corner trim.

FITTING THE HANDLES



1

Ideally work on a table or a workbench.

It is best the work inside to keep the pads warm and dry.



2

Mark the glass 15mm from the top edge for sheets.



3

Open the sachet and wipe the glass where the tape will stick.



4

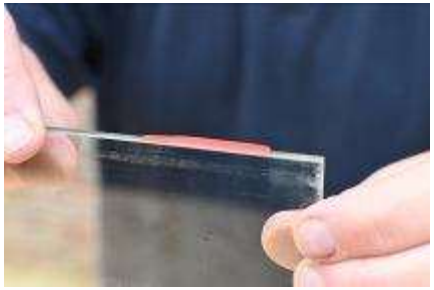
Replace the cloth in the plastic bag to prevent evaporation.



5

Peel the pad off the backing.

Short handles have 2 pads (top and bottom). Long handles have 3 pads (plus centre).



6

Press the pad down firmly to ensure good adhesion to the glass.



7

Peel the cover strips off all of the pads.



8

Using the pen mark as a guide, fit the handle.

Slide the two arms of the ‘U’ over the edge of the glass.



9

Work the handle on with your hands.

You can carefully wet each side of the glass to make this easier.



10

Use one of the glass battens to gently tap the handle down.



11

Work the handle on all the way down the glass.

Use the timber batten if necessary.



12

Use the timber to make sure the handle is flat.

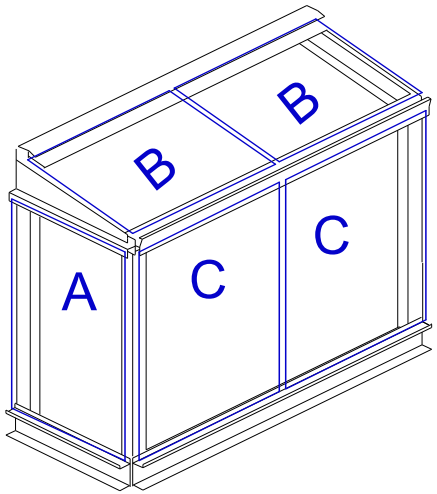
Leave overnight in the warm to fully cure the adhesive.

FITTING THE HANDLES

FITTING THE END GLASS
To fit the glass push the sheet into the deeper top channel, then lower into the bottom channel. Make sure the glass is properly in the top and bottom channel before letting go. If you wish, you can fit the corner angles and black wedges at this point (see next page).

FITTING THE FRONT GLASS
To fit the glass push the sheet into the deeper top channel, then lower into the bottom channel (A). Make sure the glass is properly in both channels before letting go. Put the first sheet in at the right hand end. The second sheet will fit in front of the first sheet and overlap the first panel by approx. 1" (2cm).

FITTING THE ROOF GLASS
To fit the glass push the sheet into the channel of the ridge rail, then lower into the front top rail channel. Put the first sheet in at the right hand end and then push it under the lip of the end plate. The second sheet will fit on top of the first sheet and overlap the first panel by approx. 1" (2cm).




A. Fitting the glass


Glass in channel with two sheets overlapping


Roof glass overlapping

AL2 3'4" Harlow			
A	750mm x 500mm	Qty: 2	Pack: GT-7-5-4
B	500mm x 500mm	Qty: 2	Pack: GT-5-5-2
C	750mm x 500mm	Qty: 2	Pack: GT-7-5-4

BL2 5'0" Harlow			
A	750mm x 500mm	Qty: 2	Pack: GT-7-5-4
B	750mm x 500mm	Qty: 2	Pack: GT-7-5-4
C	750mm x 750mm	Qty: 2	Pack: GT-7-7-2

End glass (A) has no handles

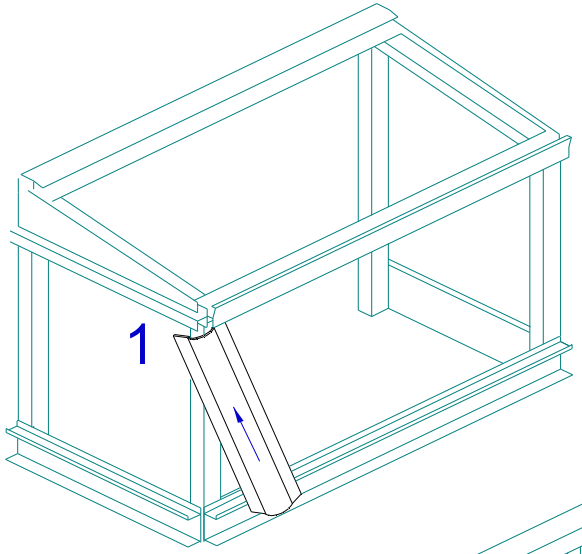
FITTING THE GLASS

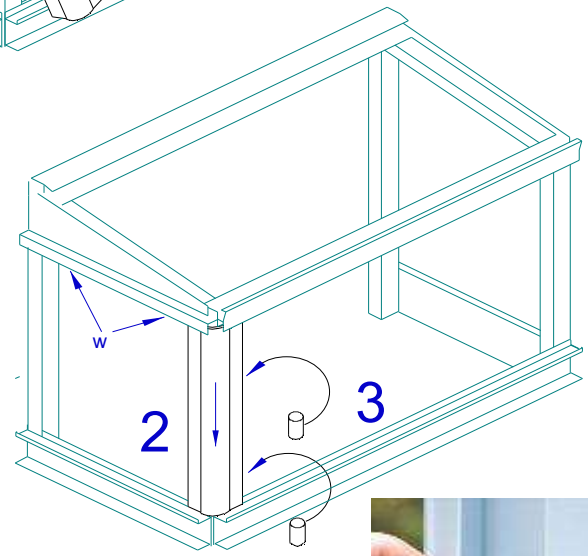
BLACK ‘WEDGES’

The small black thimble wedges (w) are designed to be pushed into the top channels of the end glass to stop the glass moving. Use two wedges per sheet of glass.



Located in pack:SCREW-H4





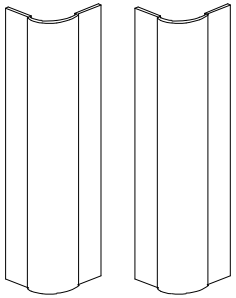


Corner trim in place



Fitting the hollow tube

Aluminium corner trims



You also need:
Bag marked
TRIM-4



PARTS NEEDED

1 Take one of the corner trims and push it up into the top channel and the 'h' section.

2 Swing the corner trim in so that it is vertical and drop it into the channel below. At this point the trim will be loose.

3 Slide the front glass door out of the way. Take one of the hollow tubes contained in the pack marked 'TRIM'. From the front of the frame, push the tube between the framework and the corner trim. Slide the tube downwards as far as it will go.

Insert a second hollow tube and repeat the action, but this time push the tube up as far as it will go.

These tubes keep the corner trim firmly in place, and act as a stop for the sliding doors.

4 Repeat for the other corner.

FITTING THE CORNER TRIM

CORNER TRIMS WILL NOT FIT	The most common cause of this problem is the end glass protruding over the front leg. This is normally caused because the frame work is not square against the wall. See page 6.
GLASS STICKS TOGETHER	This is normally due to the handles not being put on the right side of the glass. See image 1 below and page 11 for details of where the handles should be fitted to the glass. If the glass has stuck together, push the two sheets to the back of the channel, then slowly pull the front sheet of glass forward from one end. This will release the suction between the sheets.
HANDLES COME OFF	If handles come off frequently either purchase some new handles and sticky pads from Access or use a glue such as 'liquid nails' or 'no more nails' to permanently glue the handles to the glass.
SHELVES WILL NOT FIT INTO THE BACK LEGS	Check that the back legs have been fitted the right way round - see page 2. Check that dimension A = B - see page 6.
LOUVRE VENT DOES NOT FULLY CLOSE ON COLD DAYS	Loosen the two screws which hold the automatic opener to the vent. Push the opener up as far as it will go. Retighten the 2 screws. If the unit still does not fully close, lubricate the opener mechanism and all the pivot points with WD-40.
GLASS FALLS OUT OF THE LOWER LEVEL	Ensure that the centre rail has the deeper channel at the bottom - see image 3 below.
GLASS FALLS OUT OF THE UPPER LEVEL	Make sure there is no gap on the mitre joint and that the front rail fits properly - see image 4 below.
WATERING INLET LEAKS	Try tightening the inlet fitting as it needs to be tight to seal.

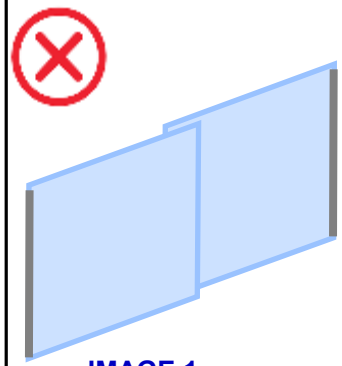


IMAGE 1



IMAGE 2



IMAGE 3

DEEPER
channel at bottom



IMAGE 4

No gap in mitre and front top rail fitted properly

TROUBLESHOOTING

PERIODIC MAINTENANCE

Every Spring take the glass out of the greenhouse and wash glass and framework with warm soapy water.

Lubricate the automatic louvre vent bi-monthly and remove if subject to very heavy frosts.

When inserting the glass, always check that the glass is properly seated in its top and bottom channels before letting go of the sheet.

CHECK THE TIGHTNESS of all bolts regularly, especially in very windy areas or powder coated frames.

CROP ROTATION Suggestions for suitable crops and sowing dates given in the free Access Growing Guide.

VENTILATION In cold weather gentle ventilation can be given by sliding the four front sheets of glass to give 2-3" (5-8cm) gap at each corner.

In warmer weather allow a gap on the top sheets as well. In very hot weather open all the sheets of glass.

To ensure that the correct temperature is maintained use a thermometer inside the greenhouse. You can completely remove the top sheets in summer. Access shading will help keep temperatures down, and stop birds etc getting inside. The Access Automatic Vent will look after ventilation - automatically!

GALES The greenhouse must be kept fully closed in rough weather.

GLASS CHANNELS Ensure that this is kept free from debris and allows the glass to slide smoothly. Periodically lubricate the running edge of the glass with a wax candle.

SNOW If snow is very heavy - avoid letting it build up on the roof.

SHELVING Stand pot plants on saucers, or use optional shelf covers which incorporate a layer of capillary matting to absorb excess water when watering. Alternatively, stand the pots in empty seed trays.

WATERING SYSTEM The system accepts standard quick connectors. Turn the tap on slowly until the mist fills the greenhouse; too much pressure will throw water on to the back wall. Leave on for 5 minutes, or ½ minute for damping down.

SITING Site on the sunniest place available. Anything from East through South to West is suitable. If it has to face North, don't despair, it will be warmer in than outside! If you can fix to a brick or stone wall, you will get extra heat storage during the day.

REDUCING THE LENGTH If it is just too long for your ideal spot, it can be shortened. Re-drill the holes at one end of the rails - moving them in by the amount you need to remove. Hacksaw off the surplus aluminium and shorten the shelf rods and irrigation pipe. The glass will merely overlap more - don't try to cut toughened glass!