Matrix Outdoor Between Post Installation Bracket Pack.

READ INSTRUCTIONS COMPLETELY PRIOR TO BEGINNING INSTALLATION

THIS PACK CONTAINS

2 x LHS bracket – Top and Bottom

2 x RHS Brackets – Top and Bottom

2 x Middle Brackets

14 x Self Drilling screws

(any additional fasteners for timber or other surfaces will need to be purchased separately)

ADDITIONAL MATERIALS & TOOLS REQUIRED

- Spirit Level
- Phillips Head Drill Bit
- Hammer Drill with 8mm Masonry Drill Bit
- 8mm Hex Head Drill Bit

Matrix Between Post
Screen Mount Kit
Brackets and Screws
Charcoal
P-SMKBP-CH

9 335180 024562

INSTALL 1ST AND 2ND POST

- Install the 1st post (see figure 1)
- Measure position to install the 2nd post (see figure 3: POST SPACING)
- Install 2nd post in position (see figure 1)

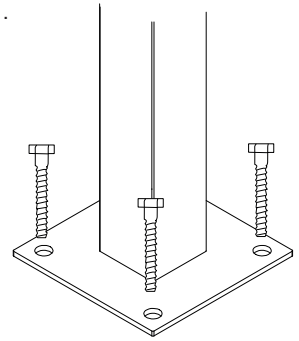
INSTALL SCREEN

- Determine your fixing position for the bottom brackets (see figure 3: FIXING BOTTOM BRACKETS)

- Fix the bottom brackets to the 1st and 2nd post (see figure 5 for screw positions)
- Fix the middle bracket to the 1st post then place the screen in position (see figure 7)
- Fix the 2nd middle bracket to the 2nd post, which will hold the screen in position, then fit the two top brackets, sitting the bracket over the screen frame and screw to the posts (see figure 7)

Repeat the steps above for each additional post and screen

Fig 1.



Mark the position of the foot plate and drill 4 x 8mm hole with a masonry drill bit 90mm deep. Place the post over the 4 holes and use spirit level to check if its vertical in both directions. If not place washers / packers under the foot plate to make the post vertical in both directions. Use 4 x 8mm x 80mm anchor screw bolts to secure each post. Check the post is fully ridged and vertical after securing. If not, release the bolts on the side that needs to be adjusted, re pack and re tighten.

Note: The posts being vertical in both directions and the correct position is critical for accurate installation.

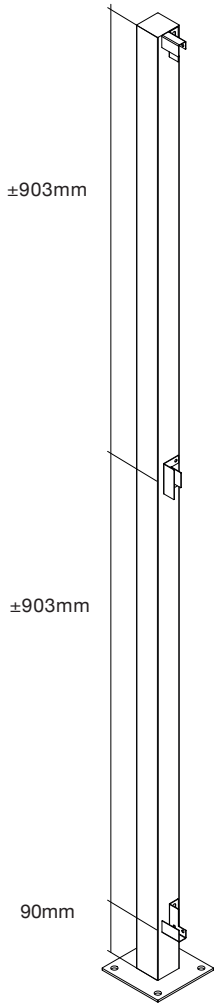
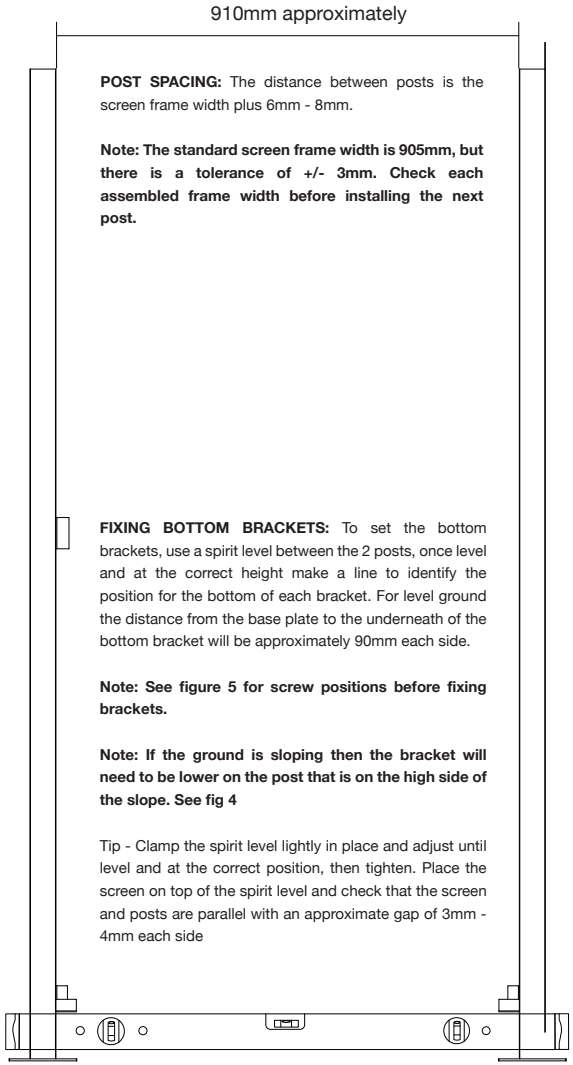


Fig 2.

We recommend fixing the bottom brackets so the screen will sit level with the top of the post or slightly lower which can be altered to suit your requirement.
However, if the ground is sloping then the screen will need to be lower on the post that is on the high side. See fig 4

Note: The standard screen frame height is 1805mm, but there is a tolerance of +/- 3mm. Measure the framed screen to confirm the distance from the top of the post down to fix the bottom bracket location.



POST SPACING: The distance between posts is the screen frame width plus 6mm - 8mm.

Note: The standard screen frame width is 905mm, but there is a tolerance of +/- 3mm. Check each assembled frame width before installing the next post.

FIXING BOTTOM BRACKETS: To set the bottom brackets, use a spirit level between the 2 posts, once level and at the correct height make a line to identify the position for the bottom of each bracket. For level ground the distance from the base plate to the underneath of the bottom bracket will be approximately 90mm each side.

Note: See figure 5 for screw positions before fixing brackets.

Note: If the ground is sloping then the bracket will need to be lower on the post that is on the high side of the slope. See fig 4

Tip - Clamp the spirit level lightly in place and adjust until level and at the correct position, then tighten. Place the screen on top of the spirit level and check that the screen and posts are parallel with an approximate gap of 3mm - 4mm each side

Fig 3.

For level ground the distance from the base plate to the underneath of the bottom bracket will be approximately 90mm each side.

The post height of 1900mm allows for a maximum of 90mm of rise or fall between posts. As per Fig 4

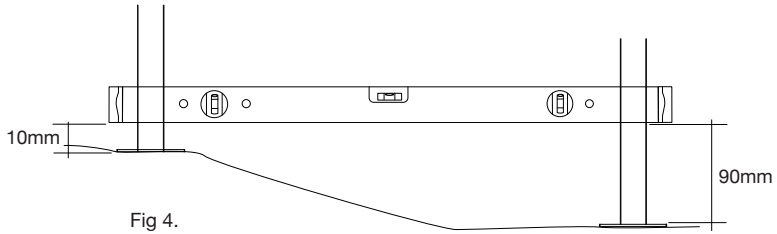
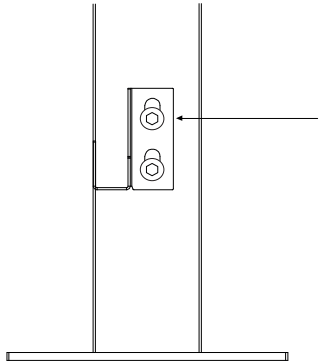


Fig 4.



Fit the bottom bracket with the 2 screws at the bottom of each slot as per Fig 5. This allows for adjustment down on both sides if additional expansion space is required.

Fig 5.

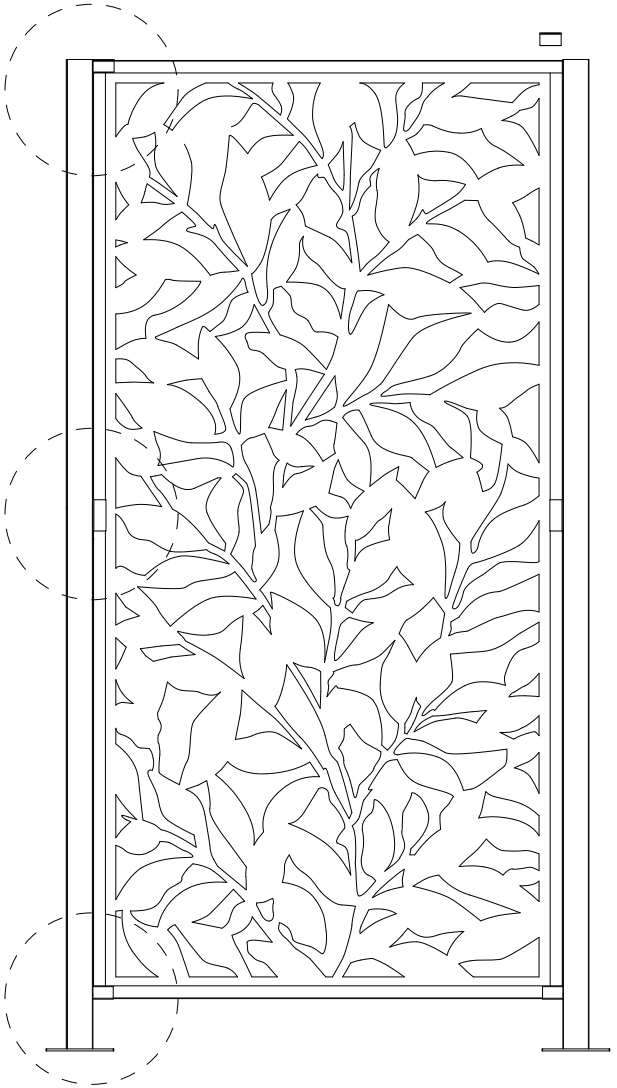


Fig 6.

Detailed back view

To assist in keeping posts level, attach top brackets to the top slim line frame as a brace.

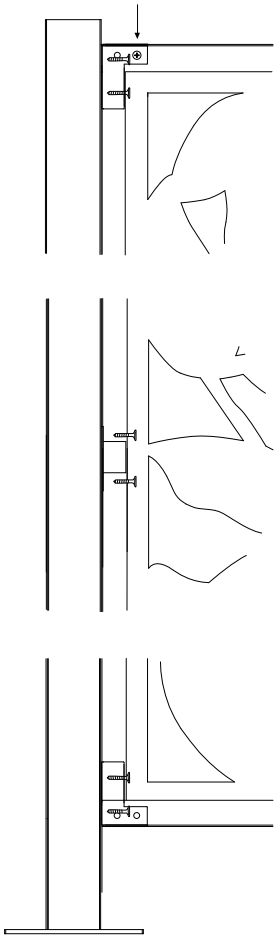


Fig 7.