



the slim retracting clothesline

product manual



HILLS.TM
INNOVATION

Congratulations

Congratulations on the purchase of your new Hills slim retracting clothesline, which will bring you many years of trouble-free and efficient drying. It is important that you read this product manual thoroughly before installation and use. In this way you will benefit from all the design features and enjoy safe use of the product. Thank you for choosing Hills.

Warning

- Do not allow children or pets to swing on the clothesline or items of laundry.
- Do not use for any purpose other than to hang and dry washing.
- Do not use your clothesline if parts are worn or damaged.
- Do not operate the locking lever when the arm is located in the cabinet. This may damage the clothesline.
- Do not release the locking mechanism when there are clothes attached to the lines. The lines will lose tension.
- Do not allow the arm and lines to retract uncontrolled as this may lead to personal injury or property damage. Hold the arm securely and walk it back to the cabinet.
- Patents and registered designs apply to this product.

Carton Contents

Slim 6

1 x Slim 6
1 x Receiving Bracket
1 x Centre Mount Bracket
1 x Centre Mount Cover
1 x Drilling Template

Slim 4

1 x Slim 4
1 x Receiving Bracket
1 x Centre Mount Bracket
1 x Centre Mount Cover
1 x Drilling Template

Optional Mounting Kits

Post Mount Kits

If you choose to mount your clothesline cabinet or receiving bracket on posts, the following products are available.

Post Kits:

300075 – Post Kit (Silver)
300076 – Post Kit (Black)
300077 – Post Kit (Stone)

Mount Plate Kit:

300067 – Mount Plate 6 (Silver)
300068 – Mount Plate 4 (Silver)

Tools needed

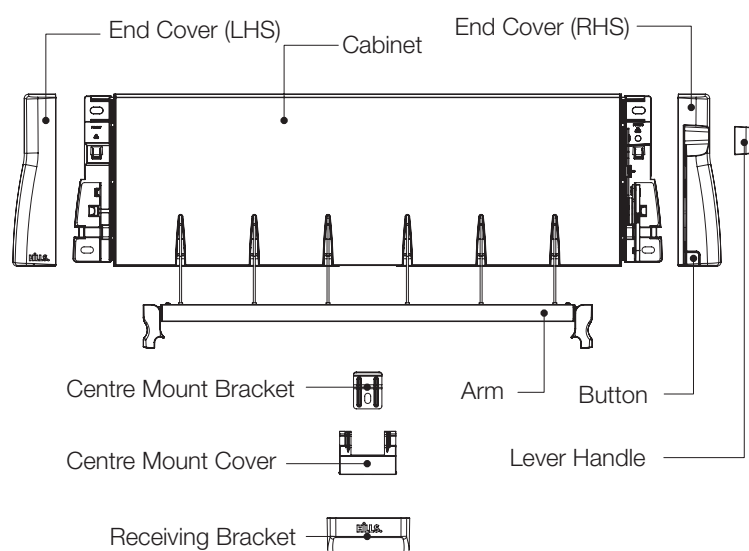
Phillips head screwdriver
Appropriate sized Socket or Ring Spanner for suitable wall fasteners
Spirit level

Wall Fasteners

Wall fasteners are not included with this product.

When attaching to a sound masonry wall, we recommend using Ø10mm masonry sleeve anchors – 3 x 55mm long and 2 x 75mm long to fix the cabinet and 2 x 55mm long to fix the Receiving Bracket to a masonry wall.

When attaching to a sound stud frame wall, consult your local hardware store for suitable fasteners.



Please retain this product manual. Record the following information for future reference.

Item Number (printed on carton): _____

Date of purchase: _____

Name and location of store: _____

Determine which of the six mounting options most suit your requirements.

Note:

MINIMUM operating distance is 2.0m (6'6")

MAXIMUM operating distance is 6.5m (21'4")

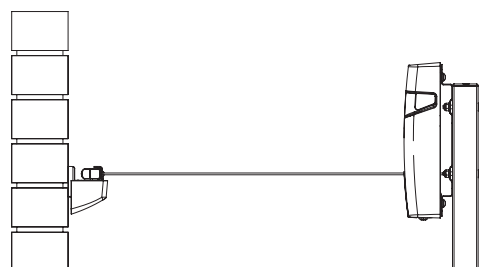


Masonry Wall to Masonry Wall



Masonry Wall to Post

Requires: Post Kit x 1



Post to Masonry Wall

Requires: Post Kit x 1, Mount Plate x 1



Post to Post

Requires: Post Kit x 2, Mount Plate x 1



Stud Wall to Masonry Wall

Requires: Mount Plate x 1

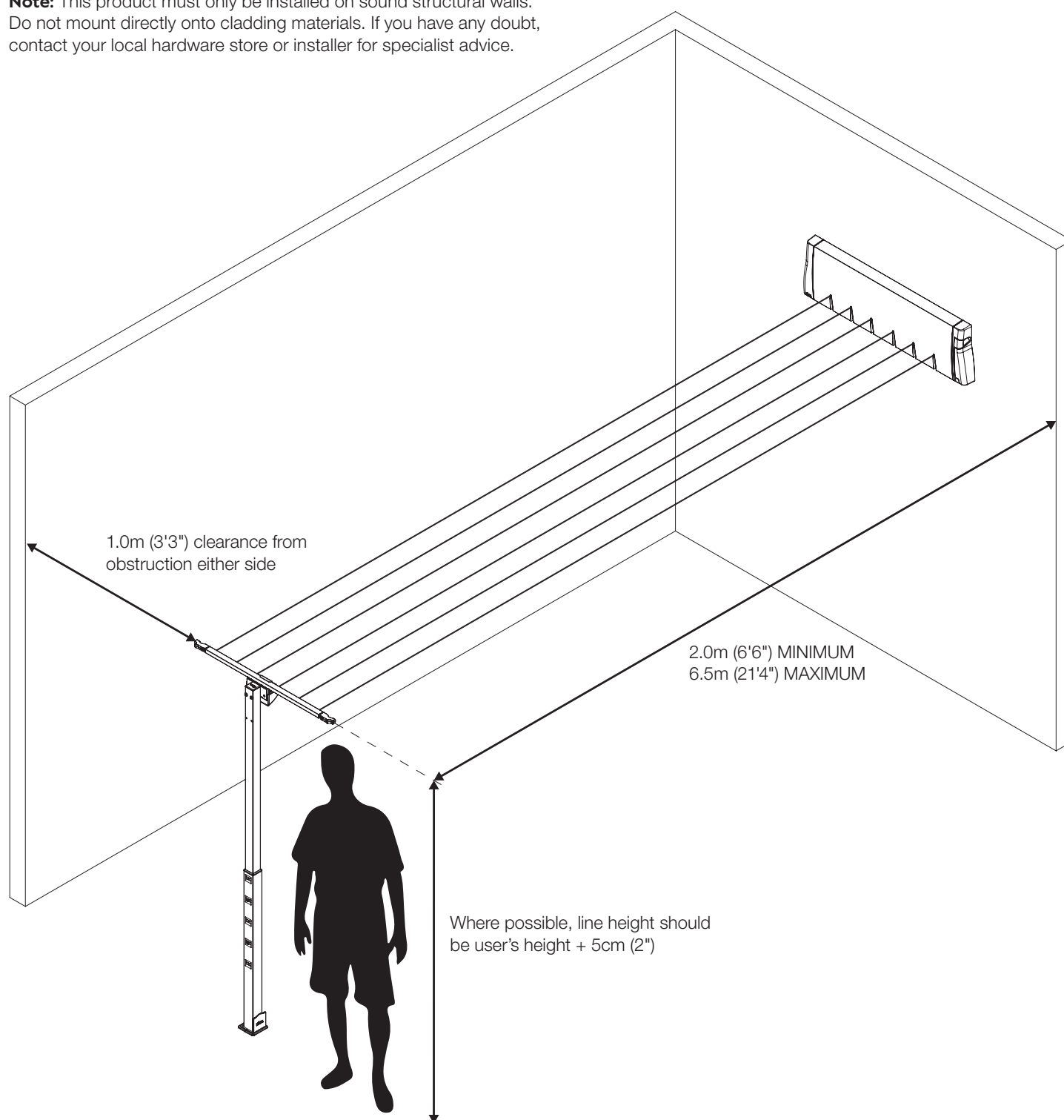


Stud Wall to Post

Requires: Post Kit x 1, Mount Plate x 1

- I.1 Select a suitable location for either wall or post-mounted installations.
- I.2 This product has been designed to mount and operate between 2.0m (6'6") and up to 6.5m (21'4").
- I.3 Always leave approximately 1.0m (3'3") clearance each side of the line and any wall fence/shed etc.
- I.4 The receiving bracket should be located at a height to ensure the extended lines are close to horizontal.

Note: This product must only be installed on sound structural walls. Do not mount directly onto cladding materials. If you have any doubt, contact your local hardware store or installer for specialist advice.

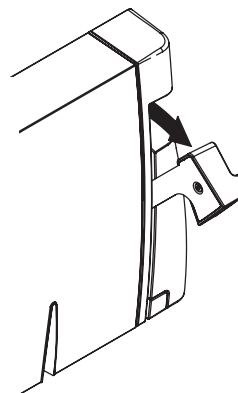




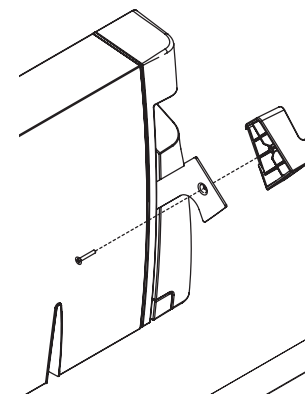
Step 2 - Before you mount the cabinet

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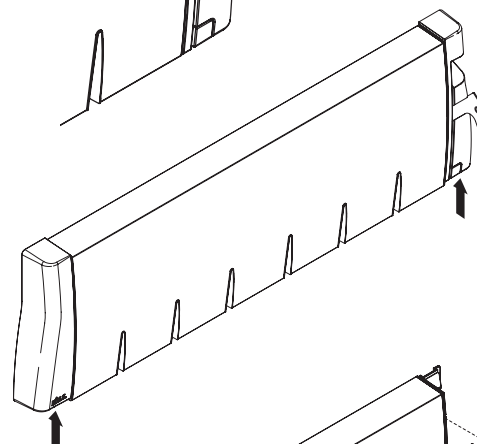
- 2.1** Rotate the Lever Handle outward from the cabinet.



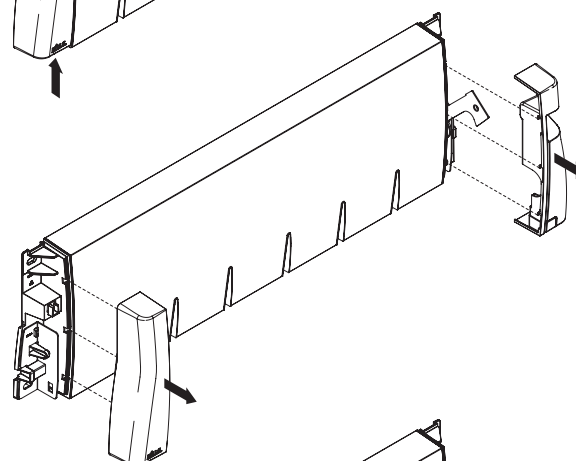
- 2.2** Remove the Lever Handle and Screw from the Lever Arm using a Phillips head screwdriver.



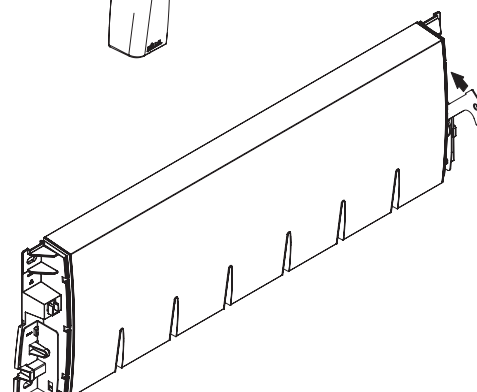
- 2.3** Push the End Covers approximately 5mm upward.



- 2.4** Remove the End Covers from the cabinet.
Slide the right hand side Cover over the Lever Arm.



- 2.5** Rotate the Lever Arm back into the cabinet.
Your unit is now ready to be mounted.



3A MOUNTING YOUR CABINET TO A MASONRY WALL

- 3a.1** Determine the best location for the installation of your product. A Drilling Template is supplied to assist you with marking out the fastener hole locations. Line height indicators and centre lines are also shown on the Drilling Template for both the cabinet and receiving bracket. Mark out a centre line for your product within your allocated site.
- 3a.2** Determine the cabinet location. Ensure that either side of this centre line and the area where the cabinet is to be installed on the wall is free from pipes and other obstructions.

- 3a.3** Mark the cabinet centre on the wall and temporarily secure the Drilling Template to the wall using tape at the desired height. Use a spirit level to ensure that the cabinet is level.

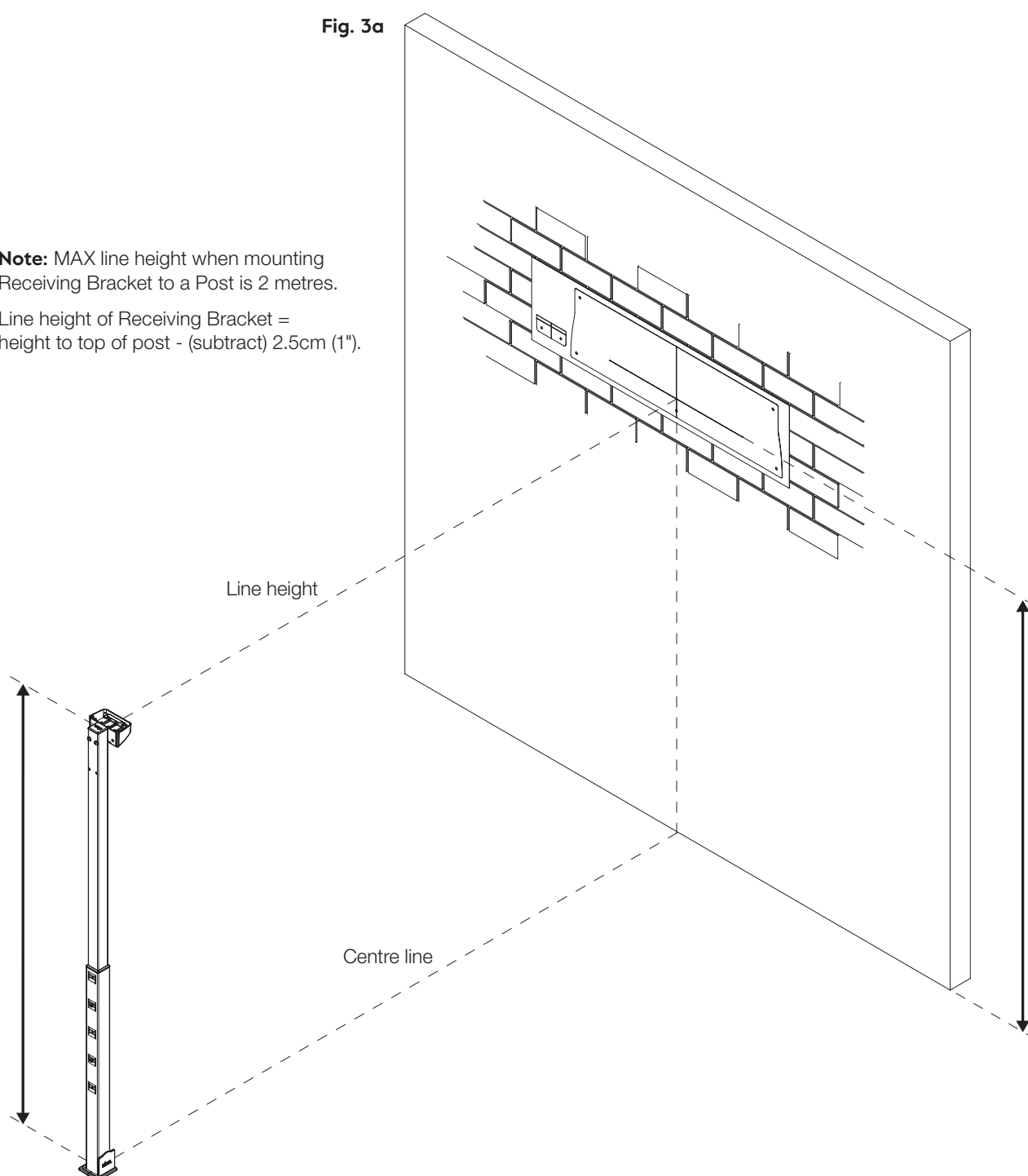
- 3a.4** Align the centre of the Drilling Template with the proposed Receiving Bracket location. Ensure that the projected centre line is perpendicular to the wall.

Note: Determine the line height from the Receiving Bracket before drilling holes. If mounting the Receiving Bracket to an Adjustable Post Kit refer to **Fig. 3a** and the Adjustable Post Kit installation manual.

Fig. 3a

Note: MAX line height when mounting Receiving Bracket to a Post is 2 metres.

Line height of Receiving Bracket = height to top of post - (subtract) 2.5cm (1").

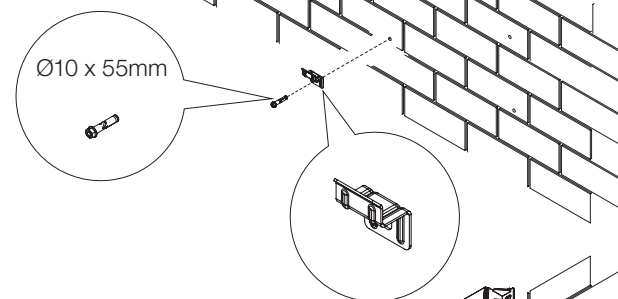
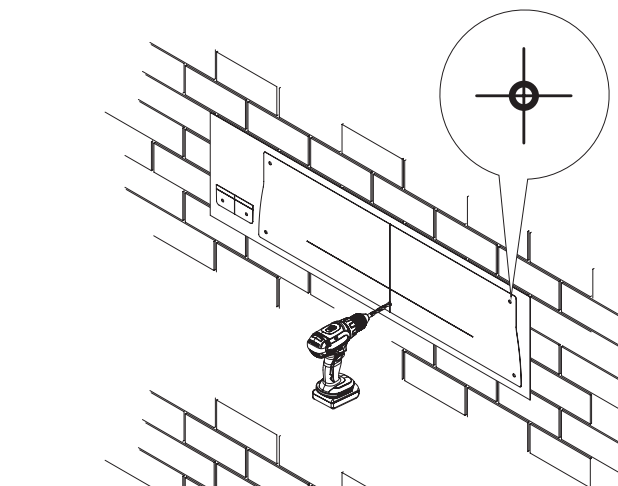


- 3a.5** Masonry fasteners are not included with this product. When attaching to a sound masonry wall, 5 x 10mm (13/32") diameter masonry sleeve anchors are recommended.

Drill 5 holes using a 10mm (13/32") masonry drill where marked on the Retracting Line Drilling Template.

- 3a.6** Remove Drilling Template.

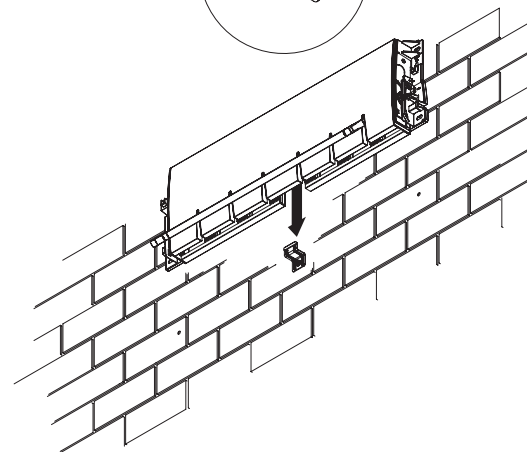
- 3a.7** Securely fasten the Centre Mount Bracket to the wall using a masonry sleeve anchor and using the centre hole.



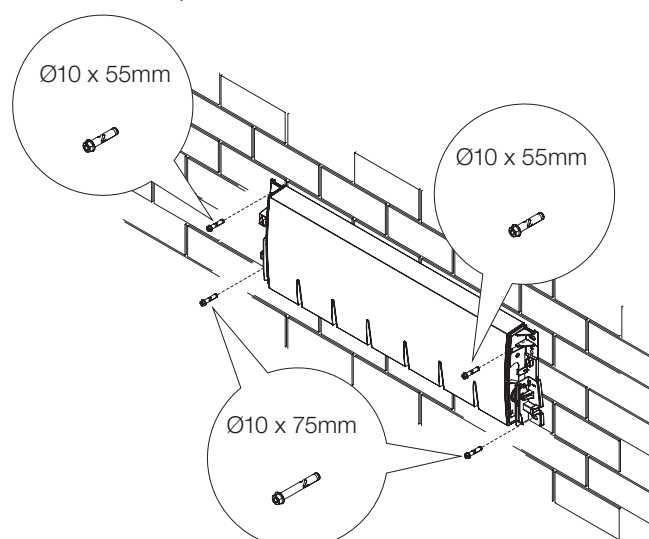
- 3a.8** Using the Arm Handles (refer to 8.1 and 8.2 on page 15) lower the Arm and pull it to the front of the cabinet. This is to expose the underside cavity.

- 3a.9** Carefully position the cabinet against the wall and above the Centre Mount Bracket.

Align the cavity at the rear of the underside of the cabinet with the Centre Mount Bracket. Carefully lower the cabinet onto the Centre Mount Bracket.



Note: The Centre Mount Bracket will capture the products internal frame and will assist in supporting the cabinet while the next step is carried out.



- 3a.10** Insert masonry sleeve fasteners in the remaining 4 holes and tighten securely.

- 3a.11** Return the Arm to its original position within the cabinet.

- 3a.12** Follow Step 4 on page 11 to complete installation of the cabinet.

3B MOUNTING YOUR CABINET TO A STUD WALL

- 3b.1** You will require a Mount Plate to securely fix your cabinet to a stud wall. Determine the best location for the installation of your product.
- 3b.2** Locate two stud centres and mark out a centre line for your product within your allocated site.
- 3b.3** Determine the cabinet location. Ensure that either side of this centre line and the area where the cabinet is to be installed on the wall is free from pipes and other obstructions.

3b.4 Mark the Mount Plate (and cabinet) centre on the wall. Refer to **Fig. 3b** and the Mount Plate product manual.

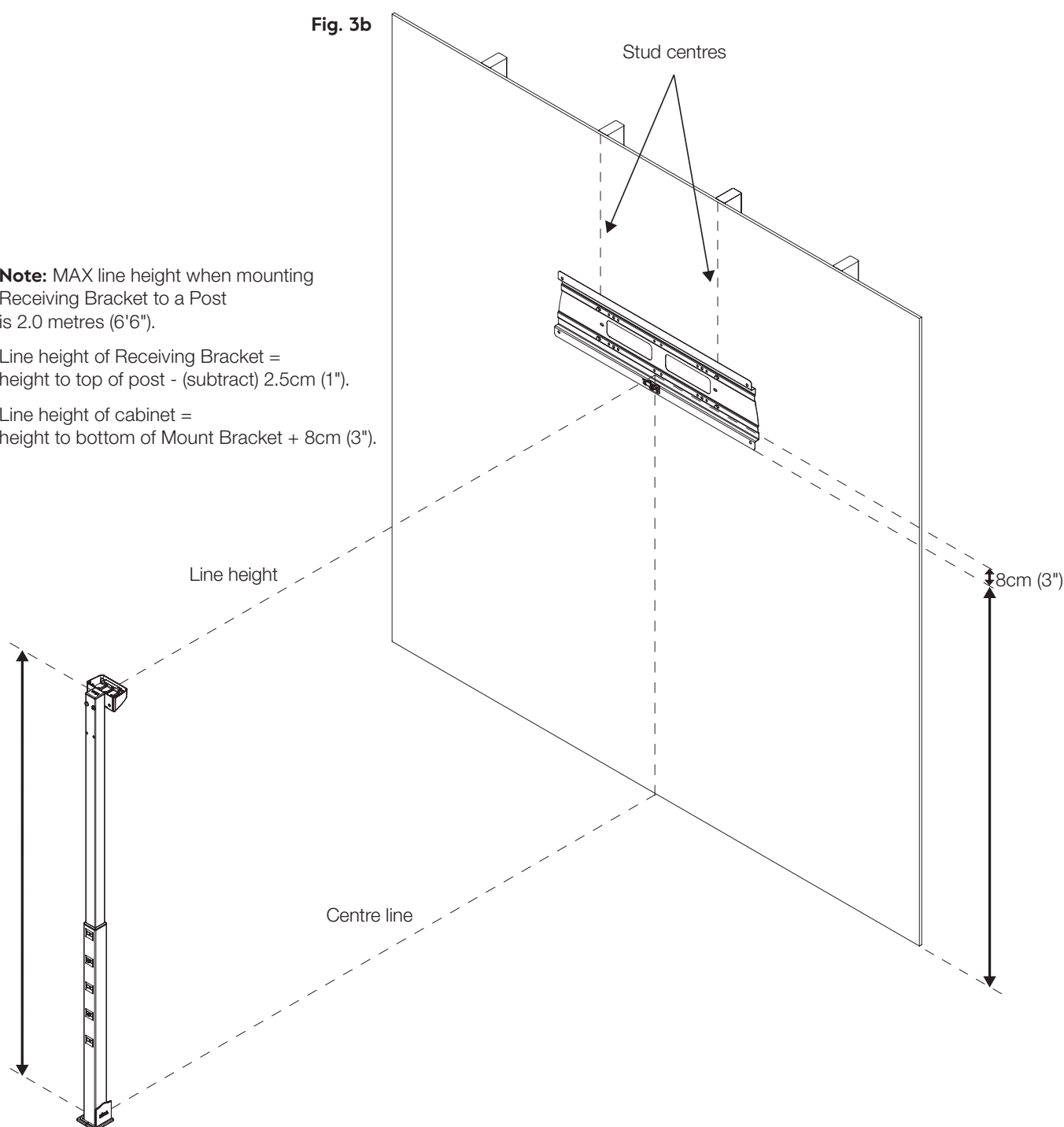
3b.5 Align the centre of the Mount Plate with the proposed Receiving Bracket location. Ensure that the projected centre line is perpendicular to the wall.

Note: Determine the line height from the Receiving Bracket before fixing the Mount Plate. If mounting the Receiving Bracket to an Adjustable Post Kit refer to **Fig. 3b** and the Adjustable Post Kit installation manual.

Note: MAX line height when mounting Receiving Bracket to a Post is 2.0 metres (6'6").

Line height of Receiving Bracket = height to top of post - (subtract) 2.5cm (1").

Line height of cabinet = height to bottom of Mount Bracket + 8cm (3").



3C MOUNTING YOUR CABINET TO A POST

- 3c.1** You will require one Post Kit and one Mount Plate.
Determine the best location for the installation of your product. Determine your cabinet post location and mark out a centre line for your product within your allocated site.
- 3c.2** Assemble your Mount Plate, Centre Mount Bracket and Post Kit, and determine the cabinet line height. Refer to **Fig. 3c**, the Post Kit installation manual and the Mount Plate installation manual.
- 3c.3** Align the centre of the Mount Plate with the proposed Receiving Bracket location. Ensure that the projected centre line is perpendicular to the Mount Plate.

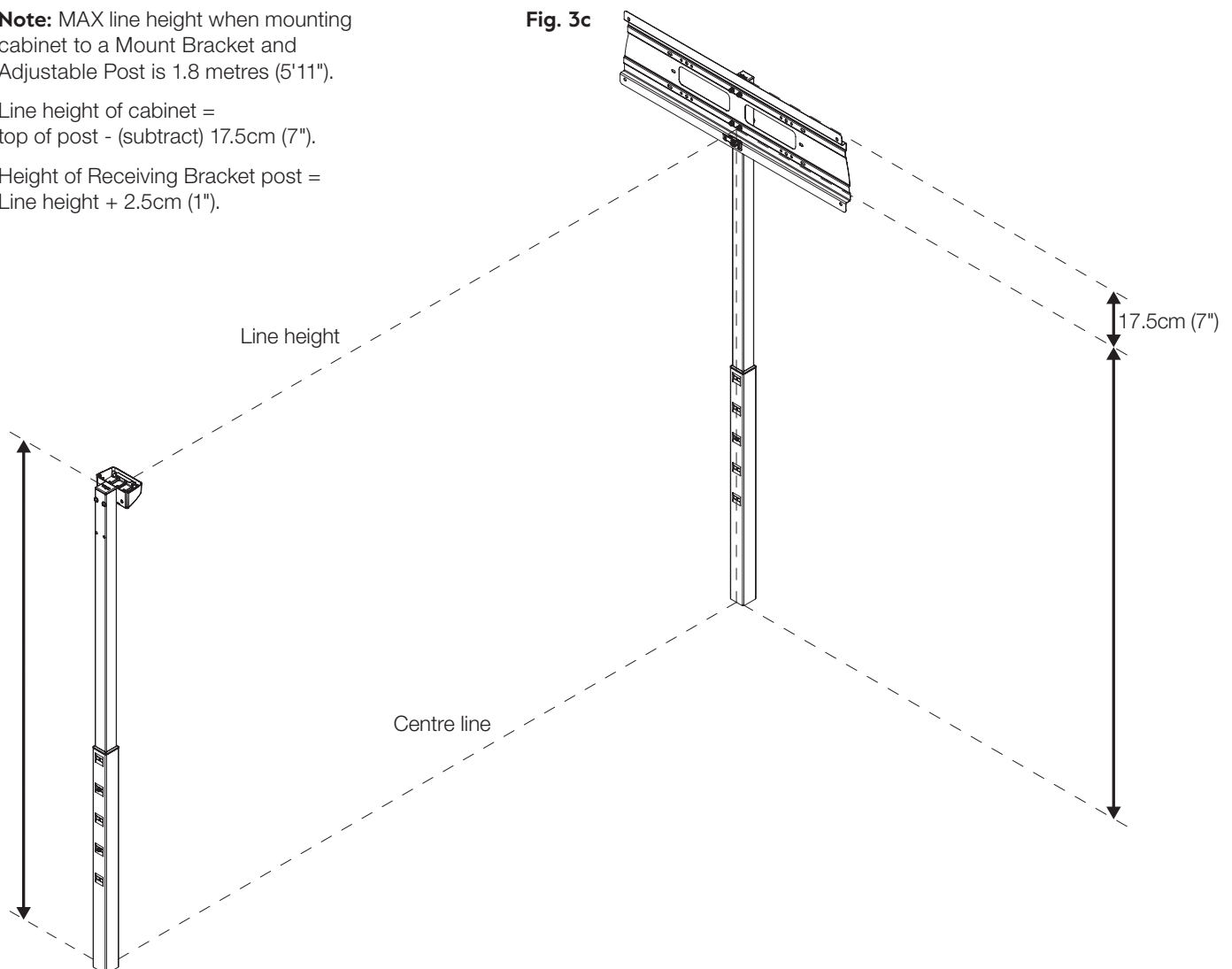
Note: Determine the proposed line height from the cabinet before cementing a post into the ground.

Note: MAX line height when mounting cabinet to a Mount Bracket and Adjustable Post is 1.8 metres (5'11").

Line height of cabinet =
top of post - (subtract) 17.5cm (7").

Height of Receiving Bracket post =
Line height + 2.5cm (1").

Fig. 3c



3D MOUNTING YOUR CABINET TO A MOUNT PLATE (WALL OR POST NOT ILLUSTRATED)

3d.1 Fix the Centre Mount Bracket to the Mount Plate through the centre hole using the fasteners provided before assembling the Mount Plate to a wall or post. Please note the screw orientation.

3d.2 Securely fasten the Mount Plate to a stud wall or post. Refer to the Mount Plate product manual and Step 3b (page 8) or Step 3c (page 9).

3d.3 Lower the Arm on the cabinet and pull it to the front of the cabinet.

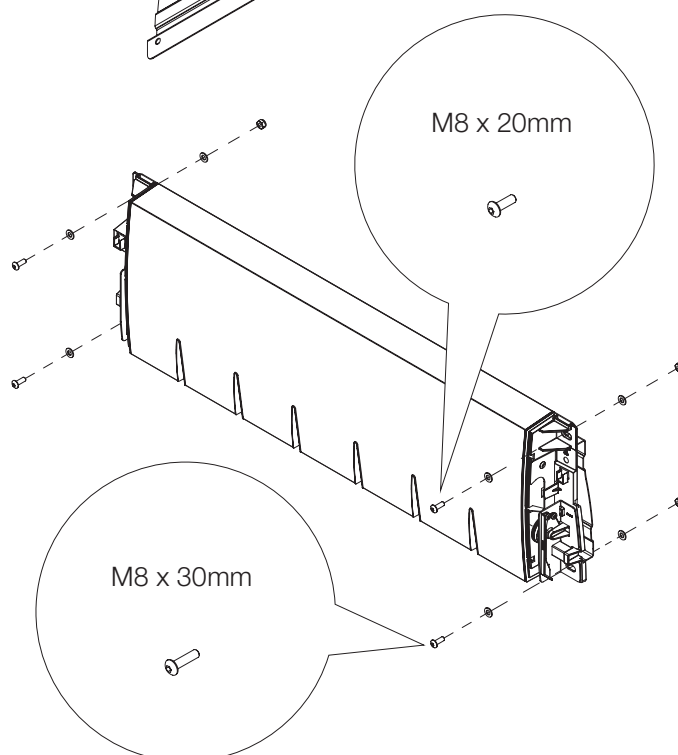
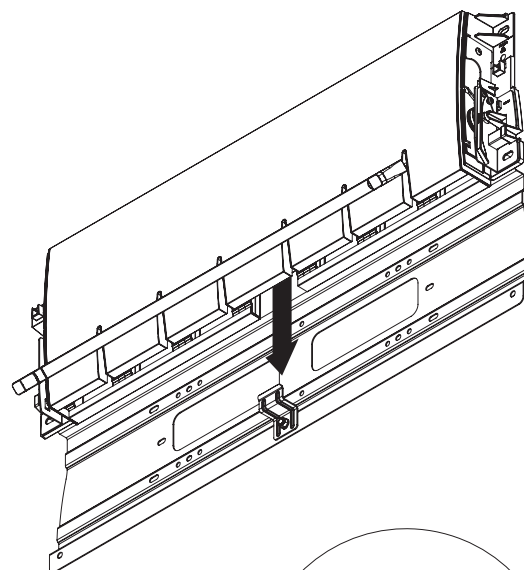
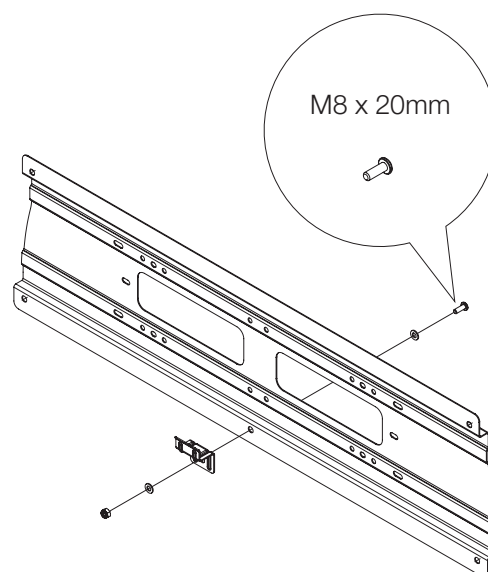
Carefully position the cabinet against the front face of the Mount Plate and above the Centre Mount Bracket.

Align the cavity at the rear of the underside of the cabinet with the Centre Mount Bracket. Carefully lower the cabinet onto the Centre Mount Plate.

Note: The Centre Mount Plate will capture the product's internal frame and will assist in supporting the cabinet while the next step is carried out.

3d.4 Use the remaining fasteners provided with the Mount Plate to securely fix the cabinet to the Mount Plate.

3d.5 Follow Step 4 on page 11 to complete installation of the cabinet.



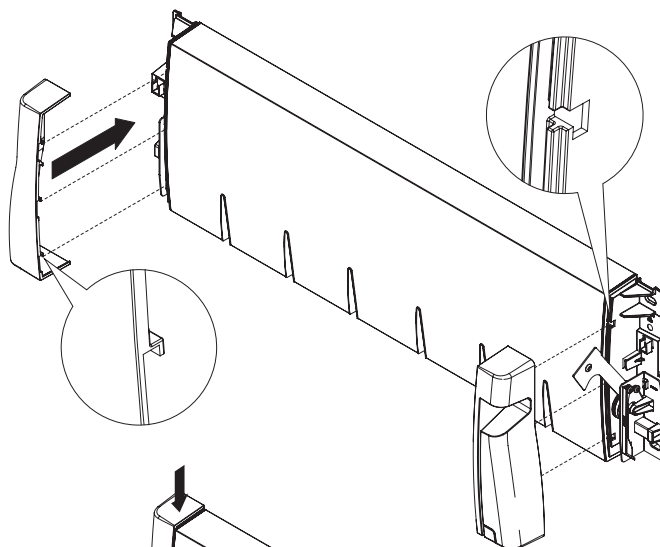


Step 4 - Replacing Covers and Lever Handle

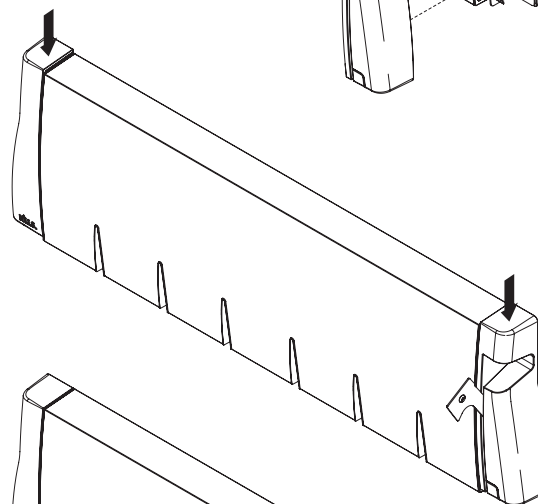
11

- 4.1** Rotate the Lever outward slightly and feed the Lever through the slit in the right hand side End Cover.

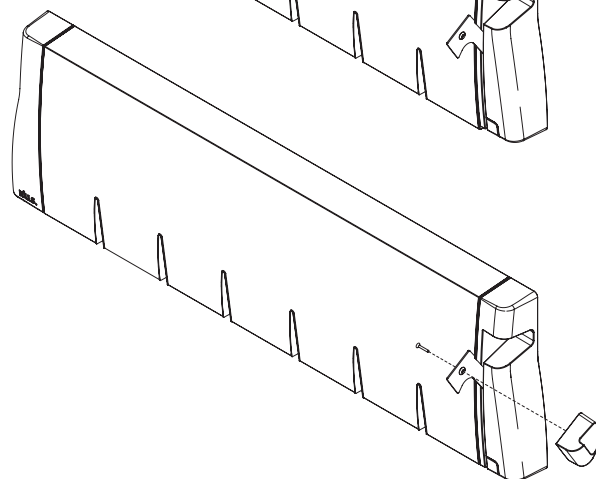
Align the hooks on the End Covers with the slots on the cabinet. Push the End Covers onto the cabinet so that the hooks sit within the slots.



- 4.2** Push the End Covers downward to fully engage the hooks. The top and front surfaces of the cabinet should sit flush with the End Covers.



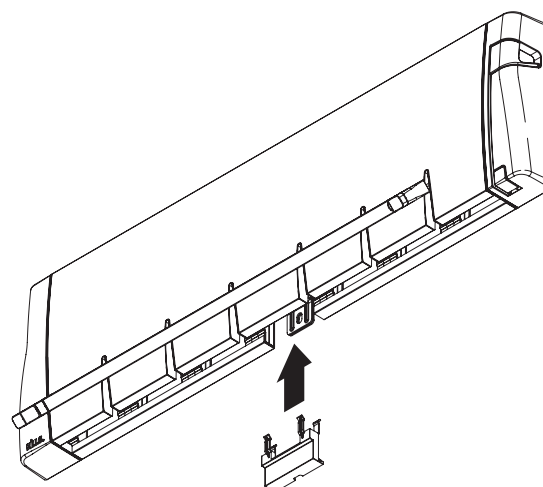
- 4.3** Replace the Lever Handle and screw.



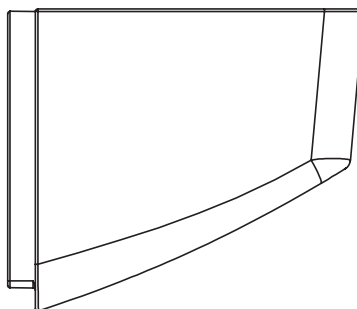
- 4.4** Using the Arm Handles (refer to 8.1 and 8.2 on page 15) lower the Arm and pull it to the front of the cabinet. This is to expose the underside cavity.

- 4.5** Snap the Centre Mount Cover into position within the cavity at the rear of the underside of the unit. The Cover should sit flush with the surrounding surfaces of the cabinet.

- 4.6** Return the Arm to its original position within the cabinet.



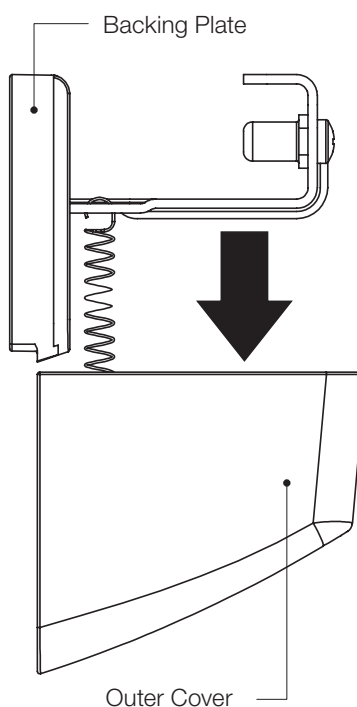
- 5.1** Before you mount the Receiving Bracket there are a couple of quick steps to follow to expose the mount holes.



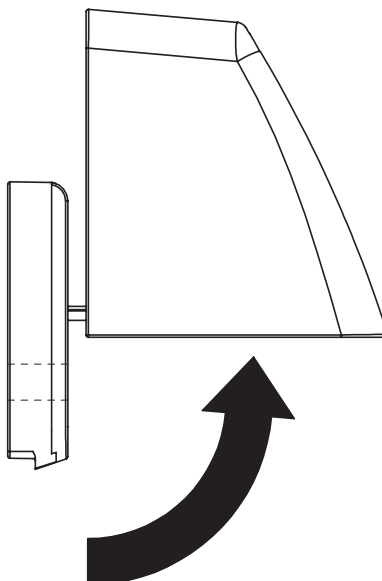
- 5.2** While holding the top of the Backing Plate, pull the Outer Cover downward and past the Backing Plate.

Note: Care should be taken to not over-extend the springs.

Do not release the outer cover quickly as this may lead to personal injury, property or product damage.



- 5.3** Rotate the Outer Cover upward to expose the mount holes.

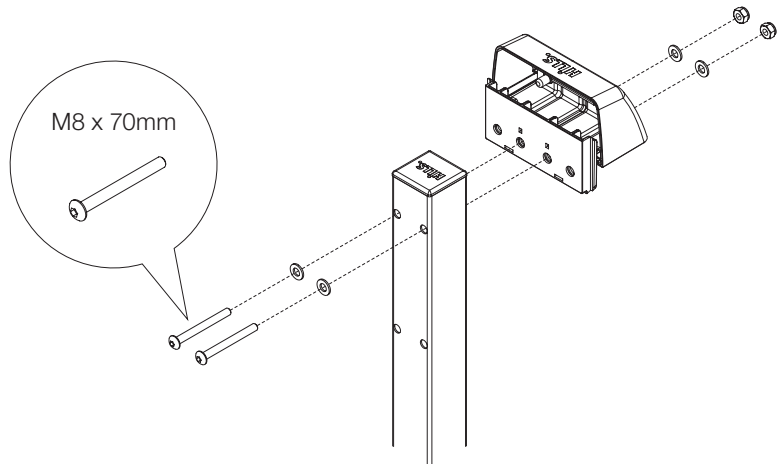


Step 6 - Mounting the Receiving Bracket

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6A MOUNTING YOUR RECEIVING BRACKET TO A POST

- 6a.1** Using the fasteners supplied with your Post Kit attach the Receiving Bracket as shown.



6B MOUNTING YOUR RECEIVING BRACKET TO A MASONRY WALL

- 6b.1** Use the centre line and line height indicators displayed on the drilling template to align the Receiving Bracket with the cabinet.

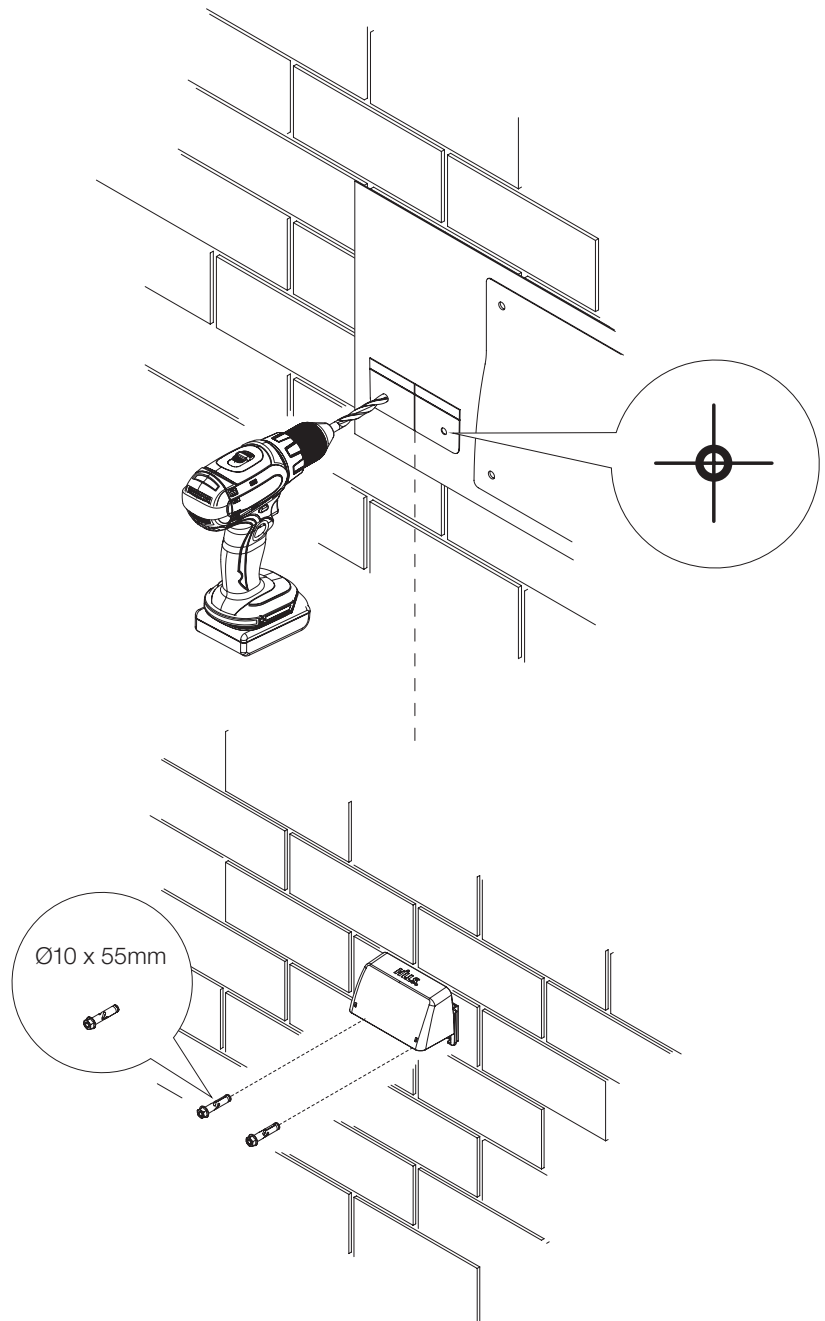
- 6b.2** Align and temporarily secure the Drilling Template to the wall using tape at the desired height.

- 6b.3** Drill 2 holes using a 10mm (13/32") masonry drill where marked on the Retracting Line Drilling Template.

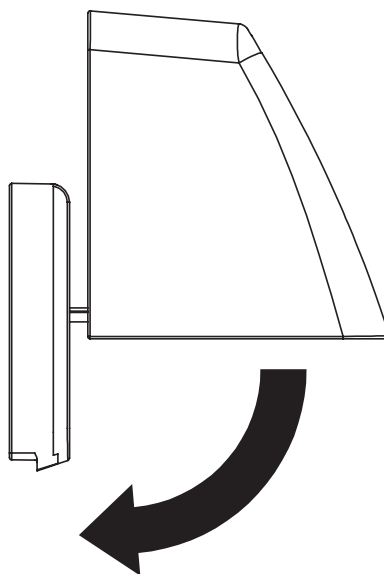
- 6b.4** Remove the Drilling Template.

- 6b.5** Position the Receiving Bracket on the Wall and align the mount holes with the drilled holes.

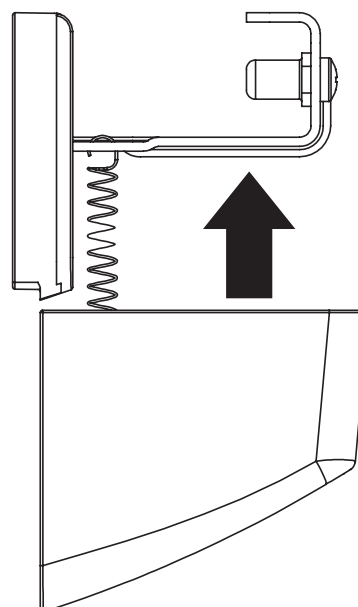
- 6b.6** Insert masonry sleeve fasteners in the 2 holes and tighten securely.



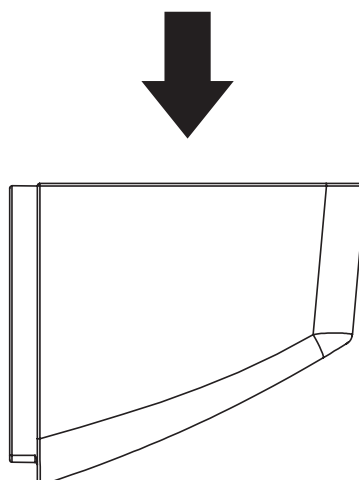
7.1 Rotate the Outer Cover downward.



7.2 Align the Outer Cover internal slots with Backing Plate outer ribs. Slide the Cover onto the Backing Plate and allow the Cover to return to the top position. Jiggle the Cover to free it should it not slide smoothly.



7.3 Push the Cover downward and allow it to spring upward to test its operation.



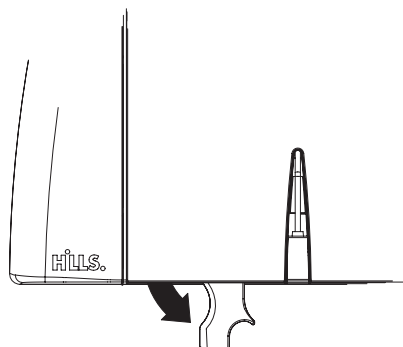


Step 8 - Operation

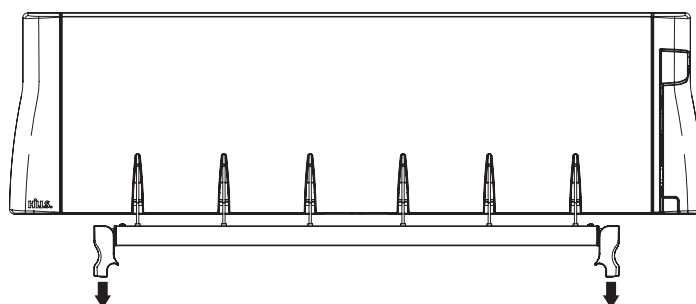
15

8.1 To extend the arm and line assembly

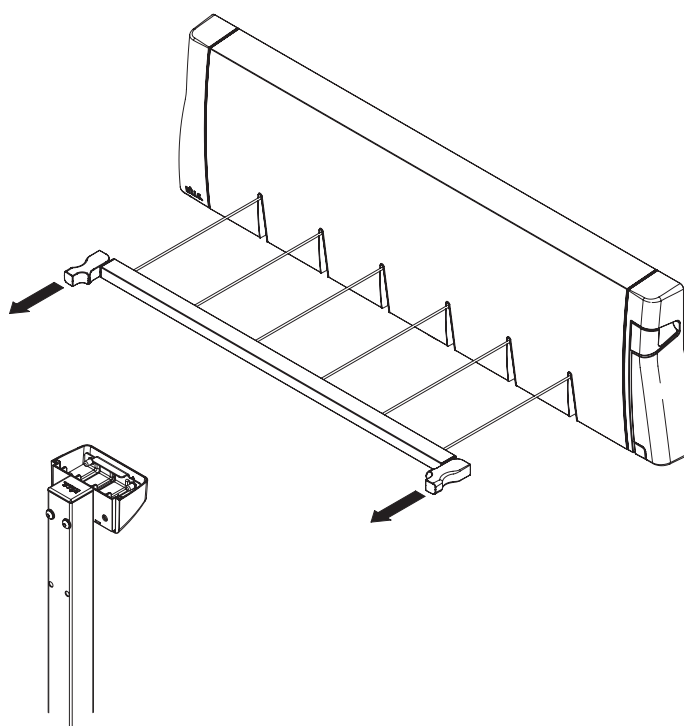
Arm Handles from the underside of the cabinet.



8.2 Pull Arm and Lines downward from the cabinet using the Arm Handles.

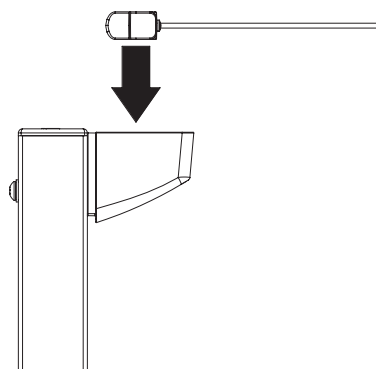


8.3 Pull Arm and Lines horizontally forward from the cabinet towards the Receiving Bracket.



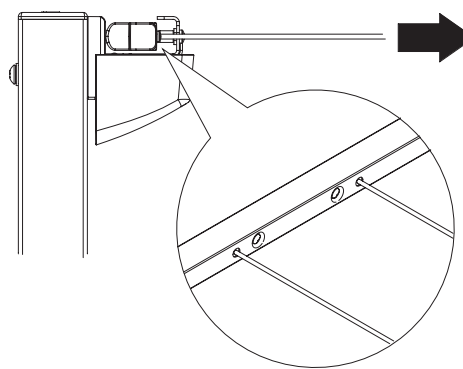
8.4 Engaging the Arm and Line assembly in the Receiving Bracket

Lower the Arm onto the Receiving Bracket between the two centre Lines.

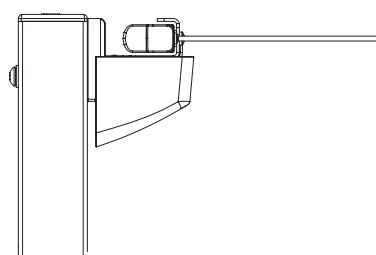


8.5 Seat the Arm within the Receiving Bracket. Allow the Arm and Lines to slide back towards the cabinet and engage on the two Locking Pins within the Receiving Bracket.

Note: Two holes in the centre of the Arm must engage with the Receiving Bracket Locking Pins.



8.6 With the Arm secure within the Receiving Bracket, you may now tension the Lines using the Lever on the cabinet.



8.7 Tensioning the Lines

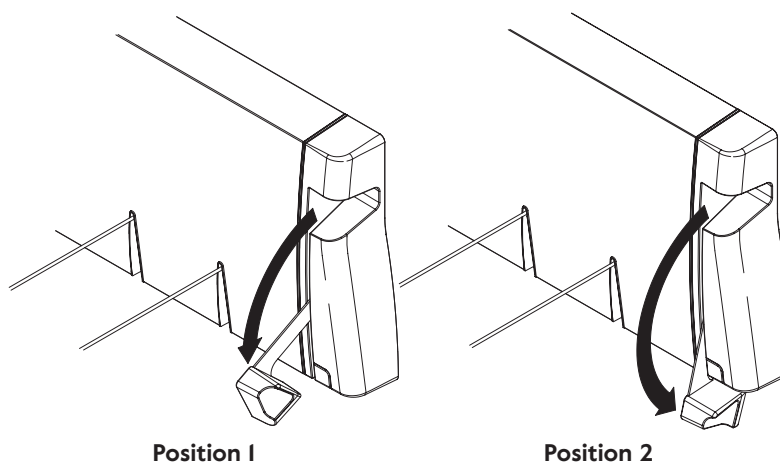
There are two tension settings that provide taught Line at various Line extension distances.

Position 1 - 2.0m to 4m of line extension

Slowly rotate the Lever Handle downward until you feel and/or hear a click.

Position 2 - 4 to 6.5m of line extension

Slowly rotate the Lever Handle downward past Position 1 until you feel and/or hear a second click.





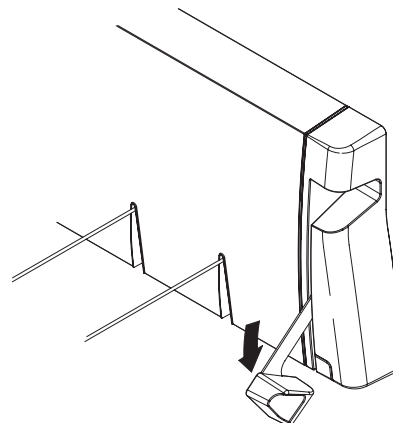
Step 8 - Operation

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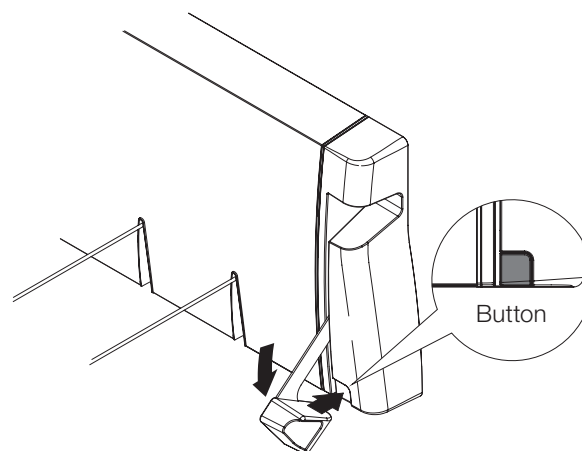
8.8 Releasing Line tension

The following images show releasing Line tension from Position 1. Apply the same actions to release Line tension from Position 2.

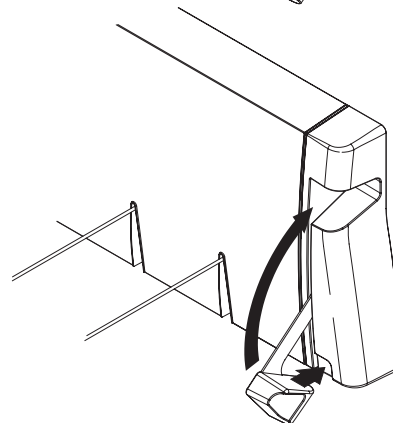
8.8a Rotate the Lever Handle downward slightly and hold.



8.8b While holding the Lever Handle downward press and hold the button.



8.8c While pressing the button, allow the Lever handle to slowly rotate upward. Position the Lever Handle back within the cabinet.



WARNING: The Lines are under spring tension. Do not allow the Arm and Lines to retract uncontrolled as this may lead to personal injury, property or product damage. Hold the Arm securely and walk it back to the cabinet.

Handy Hints

When hanging thick or bulky items, lay them over more than one Line.

When you don't expect to fill the capacity of your clothesline, hang your clothes on the outer Lines, as this will allow clothes to dry more easily.

Care and Maintenance

Regularly inspect all components and check for wear and tear or damage. Ensure fasteners are secure. If there is any damage, parts should be replaced with original Hills spares. The Clothesline should be repaired before using again.

Your Clothesline should be periodically wiped clean with a damp cloth and mild detergent.

We do not recommend the use of oil or 'WD' type lubricants on any part of the Clothesline.

To maintain appearance and durability of coatings on metal components we recommend a twice yearly application of a reputable brand of car polish or wax.

Designed and tested under a Quality System that meets Hills demanding quality specifications @ Hills Warranty.

1. Hills provides consumers with the following warranty in relation to this Product, in addition to complying with the requirements of any relevant legislation, including the Competition and Consumer Act 2010 (Cth) in Australia and the Consumer Guarantees Act 1993 in New Zealand (the **Acts**), except where a New Zealand consumer acquires the relevant Product for the purposes of a business.
2. In this warranty, we have used the following definitions:
 - (a) **Hills, our or we** means Hills Holdings Limited (ABN 35 007 573 417) of 159 Port Road Hindmarsh South Australia 5007;
 - (b) **Products** means the following goods manufactured by Hills (including products manufactured for Hills by its contract manufacturers): **Hills Slim Retracting Clothesline**;
 - (c) **Material** means a material or component used by Hills in the manufacture of the Products;
 - (d) **Warranty Period** means 10 years from the date of purchase of the relevant Product and, in relation to the polycore line, means a period of 1 year from the date of purchase of the Product. If the Product or part (as the case may be) is repaired or replaced, there will be no extension to the original warranty period; and
 - (e) **Workmanship** means the handling, assembly and manufacturing processes performed by or on behalf of Hills in order to manufacture the Products.
3. Hills warrants that for the duration of the Warranty Period, all Products will be free of faults arising from defects in Workmanship or Materials, on the terms and conditions set out in this warranty.
4. Hills undertakes that if during the Warranty Period any Product, or any part of a Product, has failed to operate correctly due to faulty Workmanship or defective Material, it will repair or replace the Product or part (as the case may be) free of charge provided that the following procedure is met:
 - (a) The consumer must contact Hills upon becoming aware of any defect to a Product. The contact details for Hills are set out in this warranty and under the heading "Hills Contacts".
 - (b) Following consultation with Hills, Hills will determine whether there is a defect, and if so Hills agrees to (at Hills' option):
 - i. in the case of goods – repair, replace or supply equivalent goods, or pay the cost of any of those remedies to the consumer; or
 - ii. in the case of services – supply the services again or pay the cost of having the services supplied again.
 - (c) If Hills requests the return of the applicable Product or part, Hills will be responsible for the collection and freight costs of returning that Product or part. The consumer agrees to assist Hills with any reasonable request to enable Hills to collect such Product or part.
 - (d) Hills also agrees to be responsible for the freight costs to deliver any new Product or replacement part to the consumer.
5. This warranty is in addition to any non-excludable legal rights or remedies conferred on the consumer under any applicable Act and any similar laws. To the extent permitted by law, Hills' liability for any non-excludable condition or warranty is limited to rectifying any defect at its option, as set out in paragraph 4(b).
6. Subject to the requirements of any applicable Act or legislation and to the extent permitted by law, no liability (whether expressed or implied) of any nature whatsoever, is accepted by Hills for any consequential loss, damage or injury arising as a result of any fault in the Products.
7. This warranty does not extend to damage to Products which occurs during transit or transportation, or which is caused by any abuse, accident or improper installation, connection, use, adjustment or repair or use of goods otherwise than in accordance with instructions issued by Hills.
8. The warranty on Products is waived if any addition or attachment to the Products do not have Hills' specific approval or are not sold as Hills products. The Products are designed to perform specific tasks under established test loads and unauthorised attachments may produce stresses for which the design is not appropriate.
9. The following applies to consumers who purchased a relevant Product in Australia:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



Hills Contacts

We are committed to providing you with complete customer satisfaction. If you have any questions or comments about our products or services please contact your nearest Customer Service Centre during their local business hours:

Australia

1300 300 564
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