ContainAire®
Dual Sliding Door Unit

Pictogram User Installation Guide

Introduction

Thank you for choosing a Tate Airflow product. Tate Airflow products are engineered to maximise the efficiency of your data centre air handling system by isolating cold supply and hot exhaust airflow. We would be interested in hearing any comments you may have on this installation manual, product, or overall experience. Please call or e-mail Technical Service:
Phone: +61 2 9612 2300
E-mail: info@tateaccessfloors.com.au

Safety

- 2 or more people are required for the handling and installation of this system.
- Wear personal protective equipment (PPE) when drilling, cutting, or installing. PPE includes gloves, safety eyeglasses, hardhats, etc.
- Do not leave the site unattended until the installation is complete.
- Do not drill into the raised floor or server rack without first ensuring that no electrical wires or cabling are in the area of drilling.

Included Components

- Left Door (x1)
- Right Door (x1)
- Left Frame (x1)
- Right Frame (x1)
- Header (x1)
- Kit Package
  - Socket Head Cap Screws (x4)
  - Hole Caps (x2)
  - ¼" Allen Key (x1)
  - Floor Mounting Hardware
  - Server Mounting Hardware
  - Installation Guide

Required Tools

- 5/16" Drillbit with Driver
- Level

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Please ensure the installment site is clean and level prior to assembly. Check level of floors and racks.

(!) Check level of floors and racks.

1. Your dual door unit will arrive in two (2) cardboard boxes with Tate Airflow logos.

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2. The installation guide will be placed on top of the doors once the lid has been removed.

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3. Inside the sealed bag with the installation guide will be:
    o Socket Head Cap Screws (x4)
    o Hole Caps (x2)
    o ¼" Allen Key (x1)
    o Floor Mounting Hardware
    o Server Mounting Hardware

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4. Remove the protective cardboard. The first door will be on top.

5. The second door is protected by several pieces of packing material.

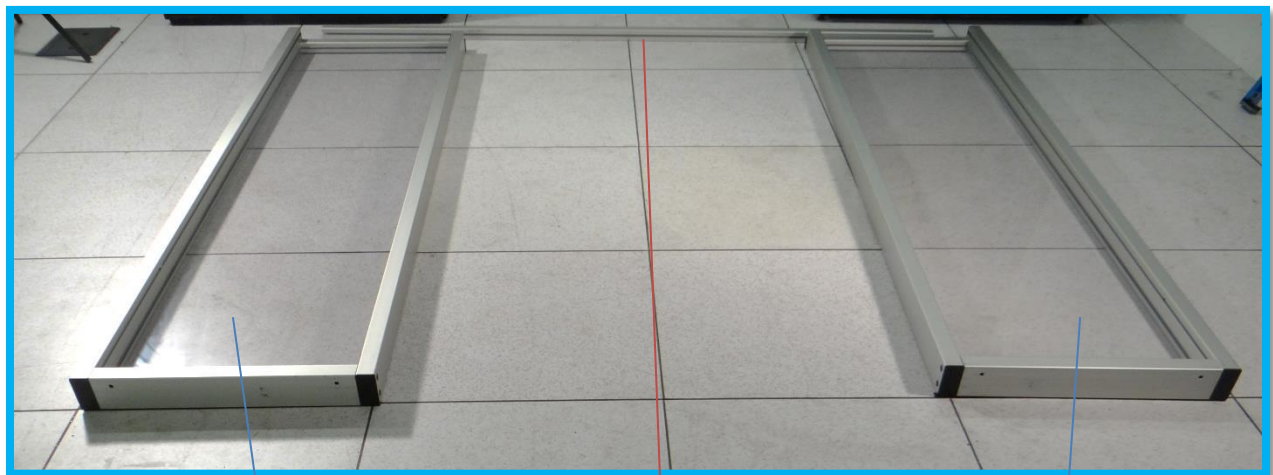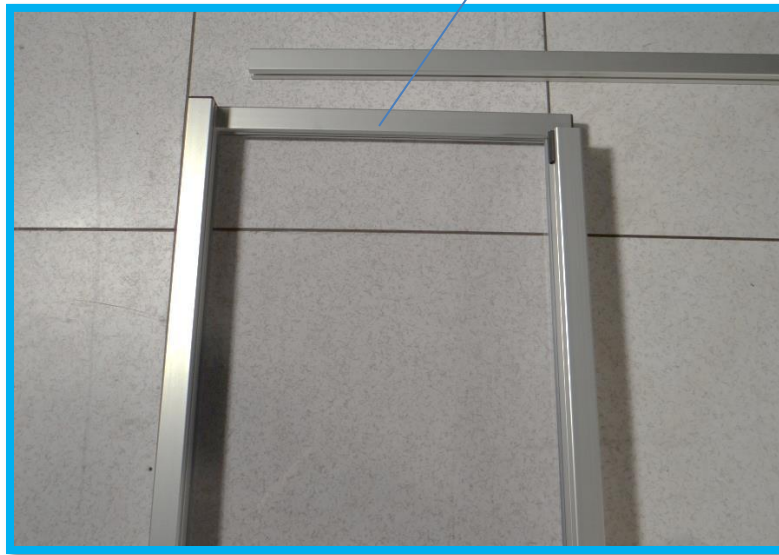3 Herbert Place
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6. The door header is tucked in the corner, underneath the two doors, protected by shipping material.

Header Bar

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7. Unpack the second box which will contain the same items except no header.

8. Put the left and right side panels down on the floor. Position the header as shown below.

Recessed area faces up to accept header.

Left Side Panel

Header Bar

Right Side Panel

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9. Put the header bar on top of both sides. Tighten in place with the long socket screws. 4 locations will need screws. The first location is the middle screw located on the right side panel.

Connect right side with socket screw. Repeat on the left side panel, same location.

Use Allen key to tighten screws

10. Next, tighten the header bar at the end on the right. Repeat the same two steps for the left side.

11. Place end caps on the header once the screws have been secured.

End Caps

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12. The header will now be connected to the side panels. Carefully lift up and place on the aisle end racks. Measure to make sure that the doorway is square. The top and bottom measurements should equal each other.

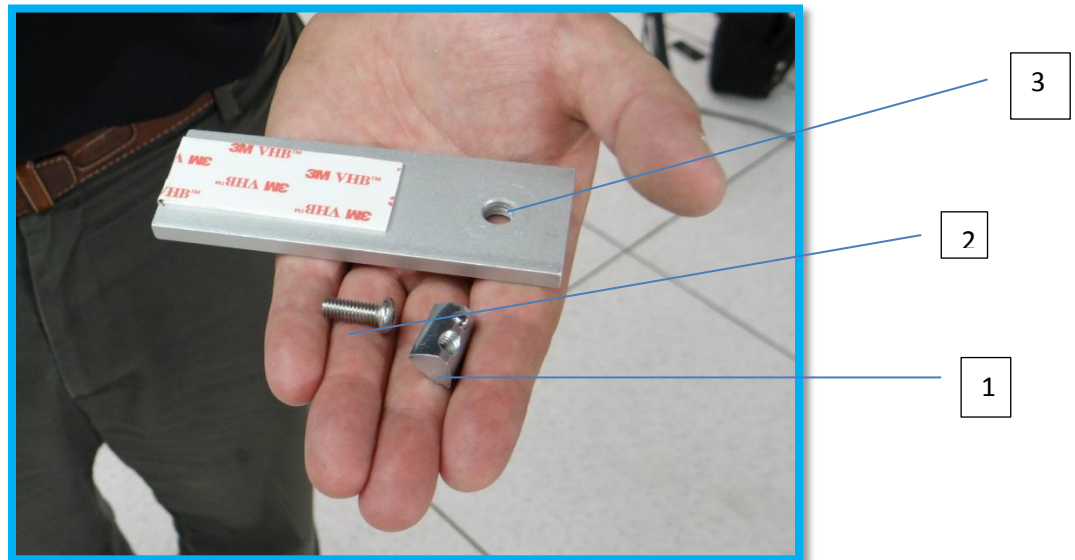13. Use the level to ensure that the frame is in the correct location and is not tilted in any way.

Frame is level

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14. Bolt down the frame to the floor on the left and right. There are 4 holes in total. 2 on the right, and 2 on the left.
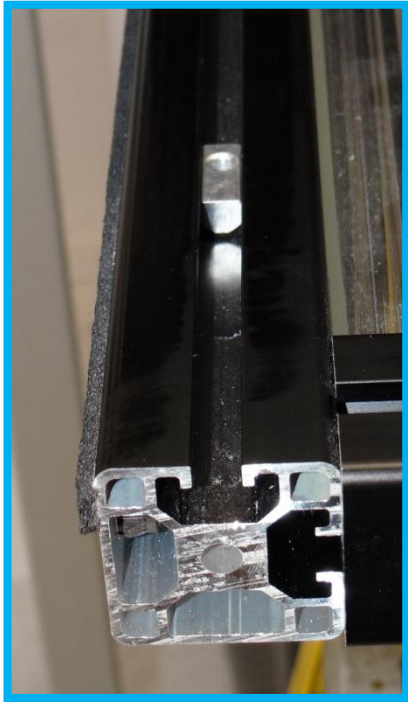

15. The L bracket and angle bracket are supplied as two options. Use the L bracket if the door is level with the server. You will need the pieces shown below to attach the bolt the top of the frame assembly to the aisle end rack.
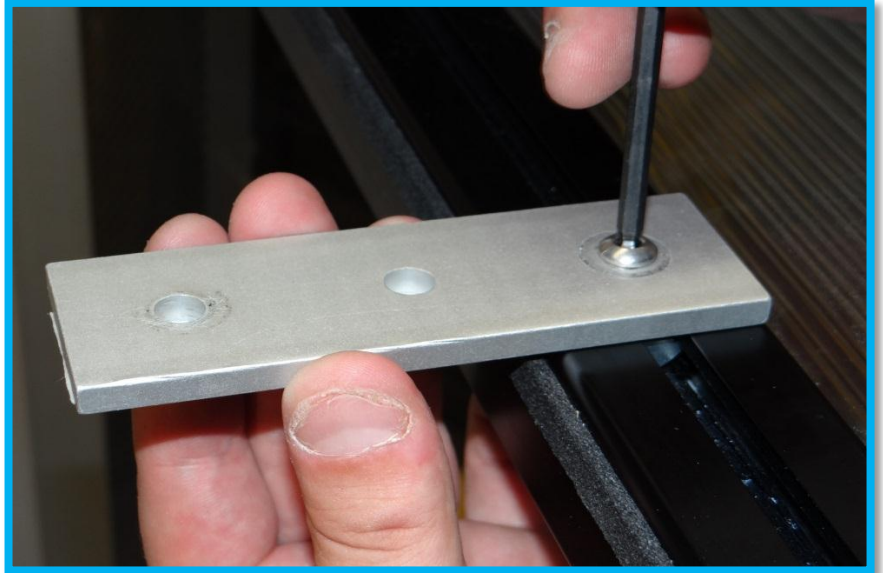

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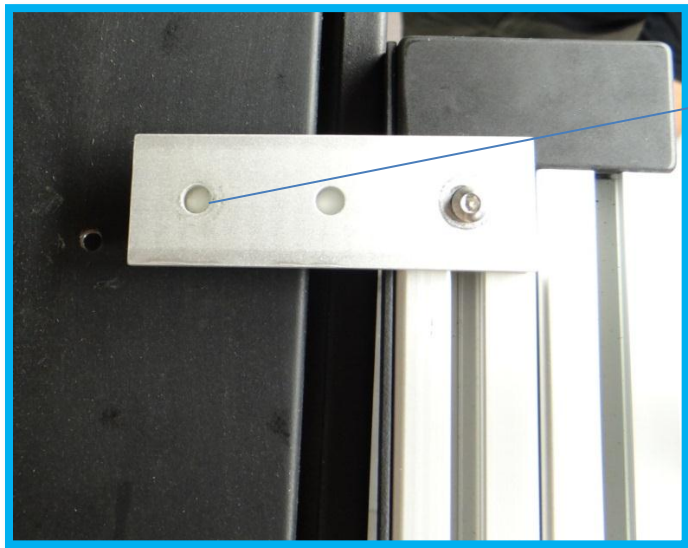R. 09/2019

16. Slide piece 1 into the reccessed area.

Piece 1

17. Slide piece 3 over the whole of piece 1 and connect using screw 2.

18. Secure the header to the rack with the server mounting hardware. We recommend thru bolting the door to the server.

Tate recommends thru bolting

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19. Below are the pieces needed to fully secure the doors to the aisle if the door does not sit level with the servers.

20. Secure the hardware to the header bar as shown below.

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21. Hang the left door on top of the header. Ensure that the wheels slide along the header. Tighten the thumbwheels top and bottom on the outside of the door.

22. Once tightened it should look like below.

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23. Repeat this process with the thumbscrew in the middle.

24. Hang the right door onto the header bar. Tighten 3 thumbscrews on the right, following the same process as with the left door.

25. There will be 6 thumb screws to tighten in total. Shown below is how the middle top thumbscrew should look after both doors have been installed.

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![Tate logo]

26. Verify that the doors are level again. Slide the doors open and closed to check.

27. You're done! The doors have been successfully installed.

Thank you for choosing Tate!

Trouble Shooting

1. Door catch does not align.	The door catch may not align if the doors are not level or riding in the track properly The catch may also be adjusted by loosening the bolts and sliding them to the correct fitment.
2. Door is not level	The doors may not align properly if the floors are not level or if the Header is not fully bolted down.
3. Door does not seal properly	The doors will not seal correctly if the frame assembly is not square. Adjust the frame assembly by loosening.

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