



ContainAire®

Single Sliding Door Unit



Pictogram User Installation Guide



Introduction

Thank you for choosing a Tate Airflow product. Tate Airflow products are engineered to maximize the efficiency of your data center 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 our Technical Service Department:

Phone: 410-799-4200

E-mail: TateInfo@tateinc.com

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

- ContainAire Sliding Door
- Floor and rack mounting hardware
- Installation Guide
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Required Tools

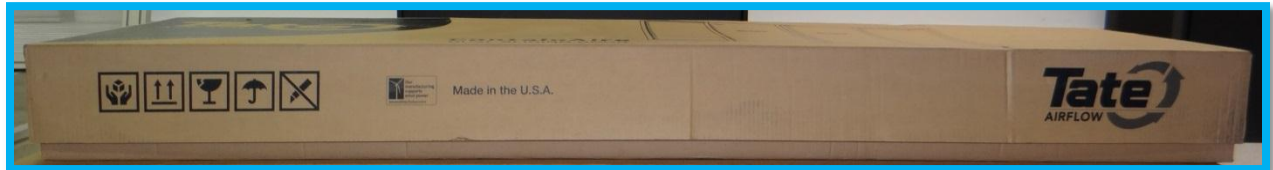
- 5/16" Drillbit with Driver
- Level



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 one (1) cardboard box with Tate Airflow logos.



2. Remove the lid and you will find the floor and rack mounting hardware. (WHAT IS INCLUDED?)



3. On the top will be the door frame panel. Remove and set to one side.



4. Remove the layer of protective cardboard. The left or right sliding door (depending on your choice) sits here with the door side post right beside it. The header bar sits underneath the door side post.



Left or right
single sliding
door

Door side post

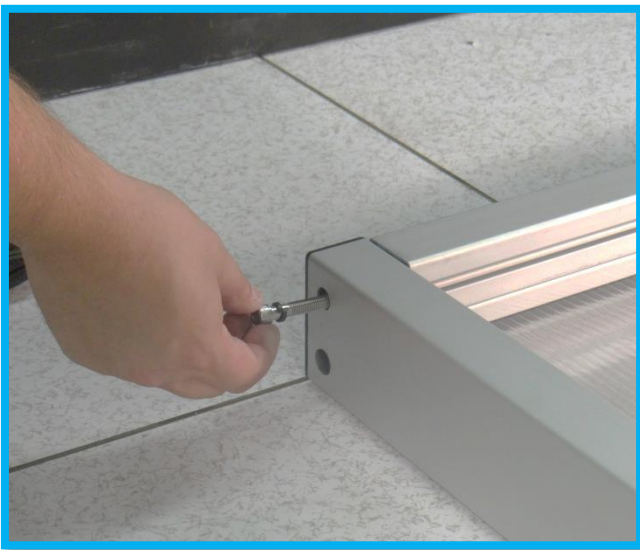
- Put the door frame panel on the left. Position the header as shown below. Position the door side post on the right.

Recessed area faces up to accept header.

Door side post



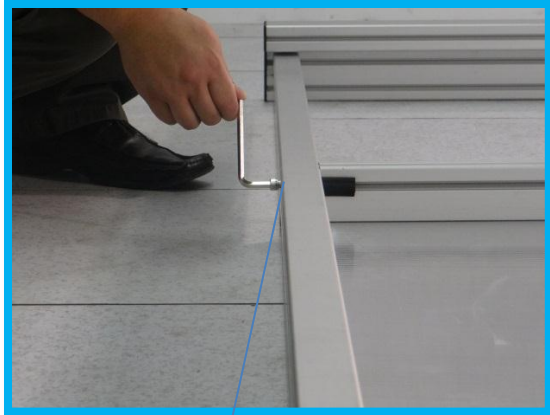
- Put the header bar on top of the door side panel and side post. Using an Allen key, tighten in place with the long socket screw. Start with the screw at the top left hand side corner. Then put the black end cap on.



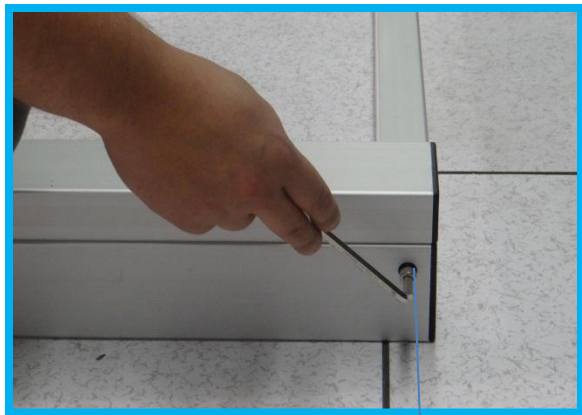
End caps



7. Continue to fasten the header bar in place by using the long socket screw in the middle. Connect the side post by fastening the screw at the right end as shown below.



Use Allen key to tighten socket screw in the middle



3rd screw tightened on the right

8. The header bar and the side post are now connected to the side panel. Using 2 people carefully lift up and place against aisle end. Position as desired. Make sure that the area is free from obstructions.



9. Using the drill, bolt down the frame to the floor at the door side panel. It should be drilled down at the left and the right of the frame.



10. On the right hand side, drill the side door post to the floor. Drill behind the post frame.



11. Measure to make sure that the doorway is square. The top and bottom measurements should equal each other.



12. Use the level to ensure that the frame is in the correct location and is not tilted in any way. Use the level on the sides and on top of the header bar.



Frame is level

13. Hang the door on top of the header. Ensure that the wheels slide along the header smoothly and easily. Tighten the thumbwheels top and bottom on the outside of the door. The door will be adjusted properly, when it covers the side post completely when fully closed.



14. Once tightened it should look like below.





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

16. You're done! The door has been successfully installed.



Thank you for choosing Tate!



Trouble Shooting

1. 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.
2. Door does not seal properly	The doors will not seal correctly if the frame assembly is not square. Adjust the frame assembly by loosening