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# Owner's Manual



## SRGASKET Airflow Optimization Kit



### Introduction

#### SRGASKET Airflow Optimization Kit Benefits

- Prevents recirculation of warm equipment exhaust inside enclosures
- Closes side gaps and seals front-to-rear airflow pathway
- Also supports equipment that requires side-to-side airflow
- Facilitates hot-aisle / cold-aisle data center configurations
- Fully compatible with 25U, 42U and 48U SmartRack™ enclosures

### Important Safety Instructions

#### SAVE THESE INSTRUCTIONS

This manual contains instructions and warnings that must be followed during the installation and operation of the product described in this manual. Failure to comply may invalidate the warranty.

- The instructions in this manual are for common rack and rack enclosure types and may not be appropriate for all mounting applications. You must determine the fitness of hardware and procedures before mounting. If hardware or procedures are not suitable for your application, contact the manufacturer of your rack or rack enclosure for a solution.
- Rackmount equipment may be extremely heavy—be careful when moving or lifting equipment. Use one or more assistants if necessary.
- Before applying adhesive strips, measure side panels, gaskets and mounting rails carefully to assure proper alignment. Pay particular attention to accommodating the horizontal struts of each side panel.
- Attach gaskets to mounting rails, not side panels. If gaskets are attached to side panels, they will not be effective when mounting rail depth is adjusted.
- If equipment requires side-to-side airflow, modify installation procedure as specified in **Side-to-Side Airflow Installation**.



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# Standard Installation

## Parts List

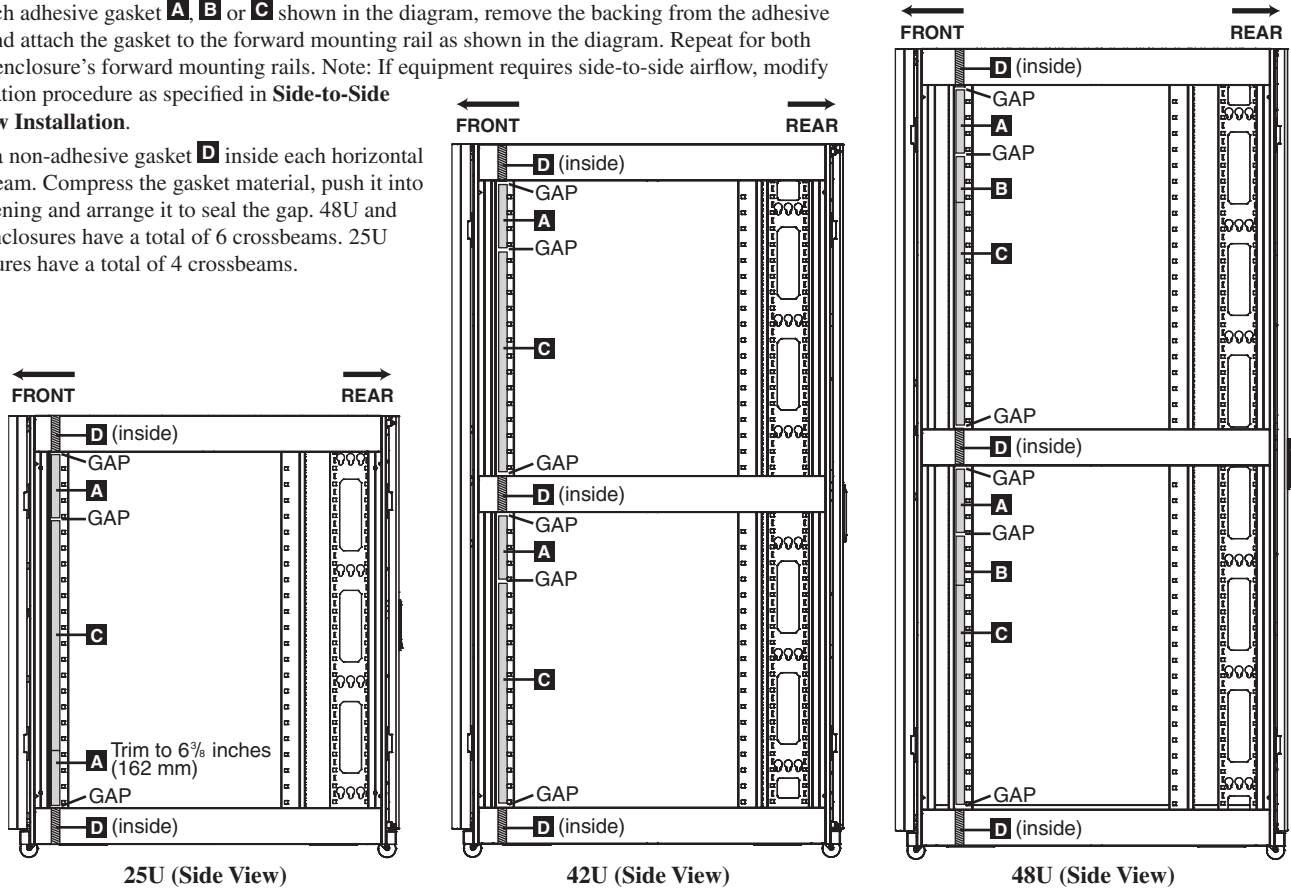
- A** 7-1/4 inch (184.5 mm) gasket with adhesive strip (4)
- B** 5 inch (127 mm) gasket with adhesive strip (4)
- C** 24-7/8 inch (632 mm) gasket with adhesive strip (4)
- D** 3-7/8 inch (98.5 mm) gasket without adhesive strip (6)

## Installation Procedure

**1** Remove your enclosure's side panels. Leave gaps of approximately 1/8 inch (3 mm) as shown in the diagram to accommodate each side panel's top, interior and bottom horizontal struts. Use a pencil to mark the appropriate placement of each gasket and gap as shown in the diagram. Confirm proper alignment with side panels before proceeding.

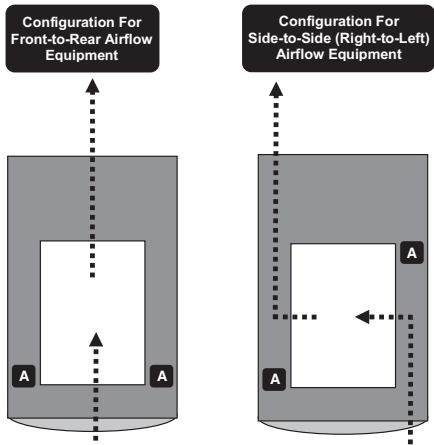
**2** For each adhesive gasket **A**, **B** or **C** shown in the diagram, remove the backing from the adhesive strip and attach the gasket to the forward mounting rail as shown in the diagram. Repeat for both of the enclosure's forward mounting rails. Note: If equipment requires side-to-side airflow, modify installation procedure as specified in **Side-to-Side Airflow Installation**.

**3** Insert a non-adhesive gasket **D** inside each horizontal crossbeam. Compress the gasket material, push it into the opening and arrange it to seal the gap. 48U and 42U enclosures have a total of 6 crossbeams. 25U enclosures have a total of 4 crossbeams.



# Side-to-Side Airflow Installation

If your equipment requires side-to-side airflow, follow the instructions for standard installation with the following exception: instead of attaching the gaskets to the forward mounting rails, attach the gaskets to one forward mounting rail and one rear mounting rail. Attach gaskets to the front left and rear right rails if equipment requires right-to-left airflow; attach gaskets to the front right and rear left rails if equipment requires left-to-right airflow. The diagram shows a top view with the gasket position **A** for each configuration.



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