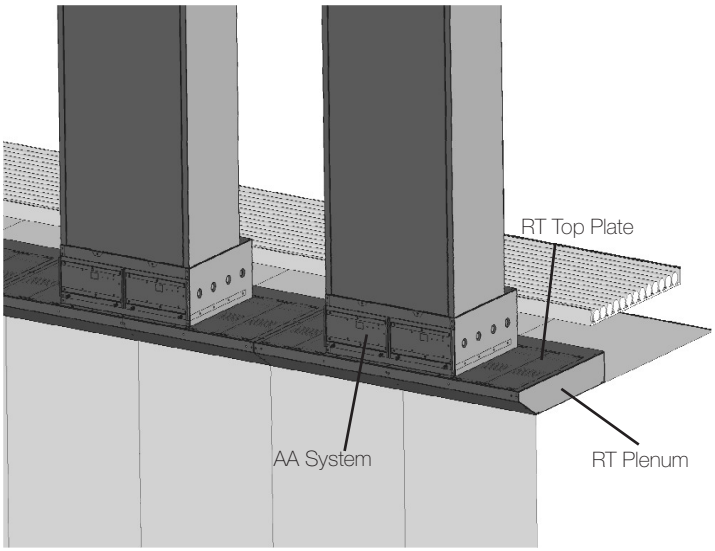
GEIST COOL

Rack Transition Plenum

Geist ActiveAir™ Dynamic Containment for retrofitting existing data centers.



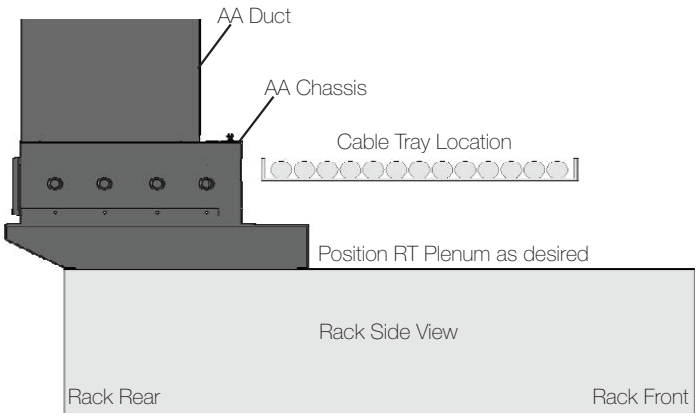
Rack Transition is Ideal for:

- Grouping racks for row level containment cooling
- Adding cooling capacity to the row as needed
- Avoiding overhead obstructions in the expansion of an existing facility

One System-Fully Compatible

Independent of precision cooling, rack, or management software platforms. The Geist Rack Transition allows you to use one ActiveAir™ system across 2-3 racks.

The RT Plenum is available in multiple widths, depths and heights. For proper sizing, please contact your Geist representative directly for more information.



Industry Leaders

Oracle, U.S. Army Corp of Engineers, and General Dynamics are just a few who selected Geist Cool to simplify data center cooling and maximize energy efficiency.

Why Choose Geist Cool?

Stabilize your IT intake air temperature to within a few degrees of the supply air temperature at all points in your data center.

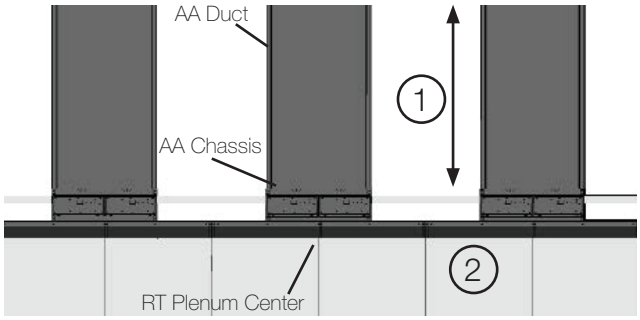
Reduce total data center fan power consumption and improve server fan efficiency. Adjust cool air delivery to IT demand as airflow demand dynamically changes.

Existing cable trays, lights and sprinkler heads can all be accommodated for clean, professional installation.

Quick Set-Up
Installing the Rack Transition Plenum

Preparing for Installation

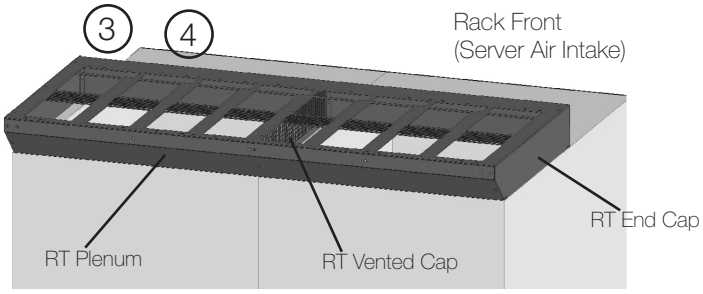
Containment Cooling systems flexibily located in 6-inch increments left to right. Variable positioning avoids over-rack obstructions such as cable trays and sprinkler heads, and allows you to add more managed heat containment capacity as needed.



1. Determine AA Duct Length using the duct length calculator.

2. Determine RT Plenum and AA Duct Position in 6-inch increments.

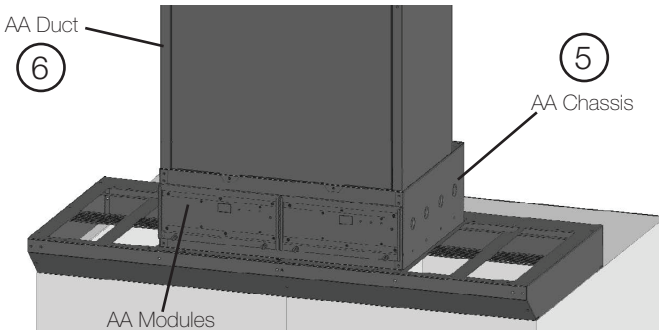
Install the RT Plenum



3. Positing RT Plenum on racks as desired.

4. Secure RT Plenum to top of the cabinets.

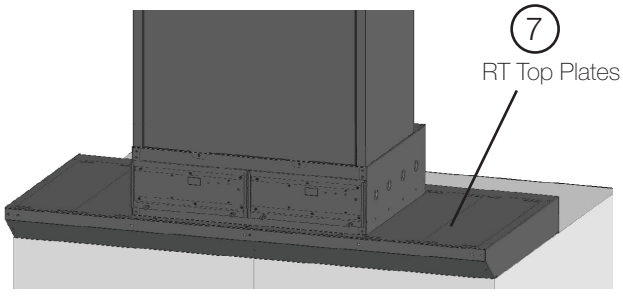
Install Containment Cooling



5. Place AA Chassis onto RT Plenum anywhere along the row in 6” increments and secure.

6. Install the AA Duct and AA Modules

Install Containment Cooling



7. Place the RT Top Plates in all locations where there is not an AA Chassis and secure with hardware provided.

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