



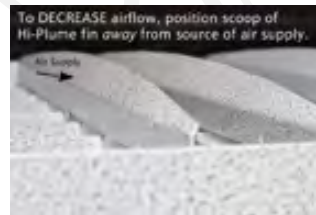
Featuring
Inter-connected Cooling Efficiency™



Cooling Panel Damper Options and Installation guide.

1. Built in Anterior Fin Damper effect

To **increase** height of Upper Server stratification, position scoop of Hi-Plume fin towards source of air supply.



To **reduce** height of Upper Server stratification, position scoop of Hi-Plume fin towards source of air supply.

2. TRIAD INDIVIDUAL AIR BAFFLE: Baffles provide Low profile fit that Snap in & out.

Panel/Damper Assembled Data:
Height/Depth with damper installed 2.5".
Full Open Flow Restriction 0%
Full Closed Flow Restriction 75%
Full Closed Leakage 15-25% at .04 SP



Field Installation:

- 1-Align with Row
- 2-Press down in between Frame Row by Row
- 3-Bottom adjustment only

3. TRIAD EMBEDDED SLIDE DAMPER: Slide damper mounts with 12 tab attachment

Panel/Damper Assembled Data:
Height/Depth with damper installed 2.5"
Full Open Flow Restriction 30-50%
Full Closed Flow Restriction 85-95%
Full Closed Leakage 5-15% at .04 SP



Field Installation:

- 1-Flex Damper over top of Anterior Fin Row by Row
- 2-Align tabs to 12 side frame holes.
- 3-Bend tabs down over 12 Frame holes
- 4-Bend tabs into 12 Frame holes
- 5-Top Surface adjustable

4. TRIAD OPPOSED BLADE DAMPER: Opposed Blade Damper may be field installed with 12 tab attachment system. Dampers adjusted from top surface to exact desired setting.

Panel/Damper Assembled Data:
Height/Depth with damper installed 4".
Full Open Flow Restriction 5-15%
Full Closed Flow Restriction 85-95%
Full Closed Leakage 5-10% at .04 SP



Field Installation:

- 1-Align tabs to 12 side frame holes.
- 2-Bend tabs down over 12 Frame holes
- 3-Bend tabs into 12 Frame holes
- 4-Top Surface adjustable

5. TRIAD EMBEDDED OPD DAMPER: Embedded, Low profile, top adjustment degree by degree from fully open to fully closed.

Panel/Damper Assembled Data:
Height/Depth with damper installed 2.5"
Full Open Flow Restriction 5-10%
Full Closed Flow Restriction 85-95%
Full Closed Leakage 5-15% at .04 SP



Factory Installed ONLY
Top Surface adjustable

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