

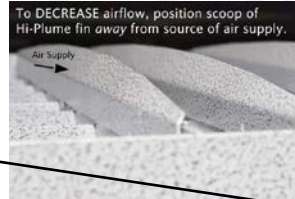


# Directional Heat Transfer Panel

## Damper Options

### 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, turn scoop of Hi-Plume fin away from 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 adjusts from top surface

**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 8 side frame holes.  
3-Bend tabs down over 12 Frame holes  
4-Bend tabs into 8 Frame holes  
5-Top Surface adjustable

### 4. TRIAD OPPOSED BLADE DAMPER: 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 OPD blades parallel to panel fins  
2-Align tabs to 8 corner side frame holes.  
3-Bend tabs down over 8 Frame holes  
4-Bend tabs into 8 Frame holes  
5-Top Surface adjustable