

Displacement Diffuser Adjustment

displacement ventilation

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All Titus Displacement diffusers feature integral variable air pattern controllers located in the unit behind the perforated face (see illustration 1). These pattern controllers can be removed and repositioned to change the adjacent zone pattern from the diffuser face. To adjust the pattern: (see illustration 2).

- Remove diffuser face
- Remove louvers
- Reposition louvers
- Replace face

This unique feature provides a high level of flexibility for the end user. They can react to changes in the space by adjusting the adjacent zone rather than disconnecting and moving the diffuser. Illustration 3 shows a conference room with displacement diffusers and the standard adjacent zone from the factory. Illustration 4 shows how these adjacent zones can be changed to accommodate the needs in the space.

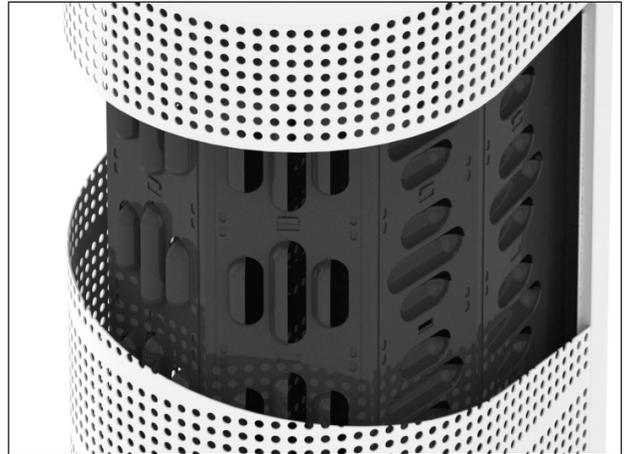


Illustration 1. Cutaway of Displacement Diffuser

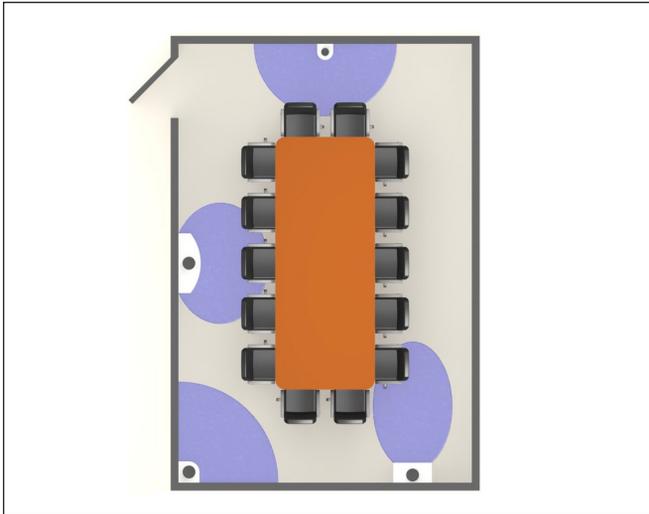


Illustration 3. Standard Air Patterns

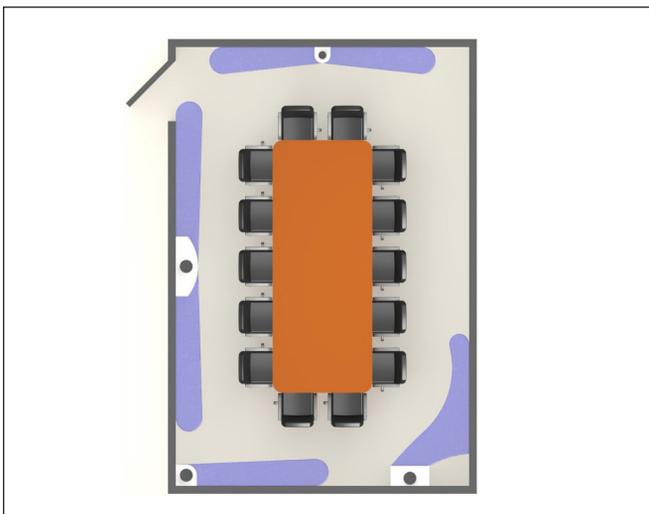


Illustration 4. Adjusted Air Patterns

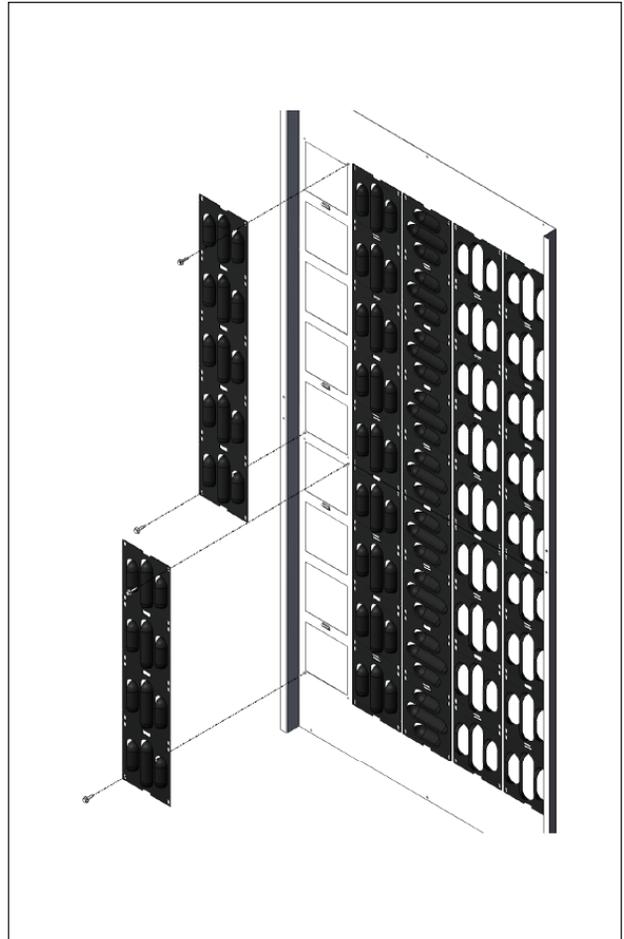


Illustration 2. Adjust the pattern