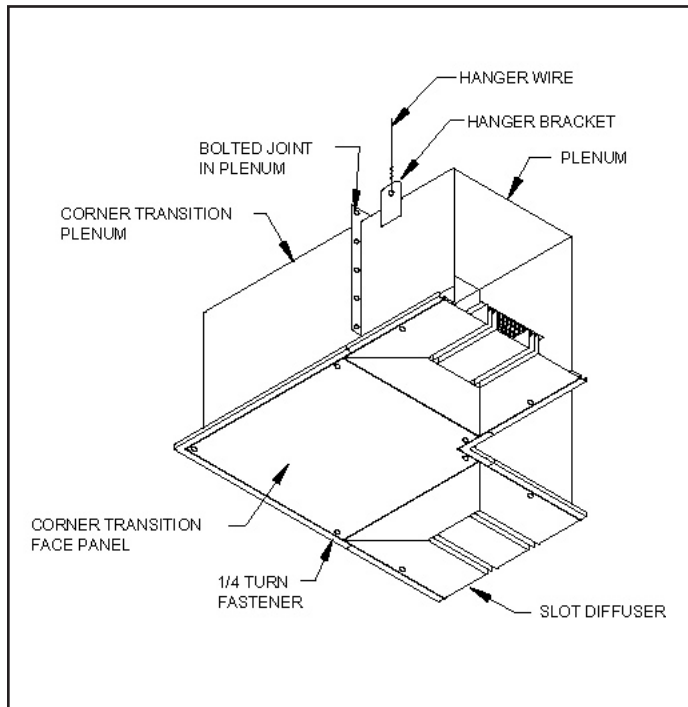
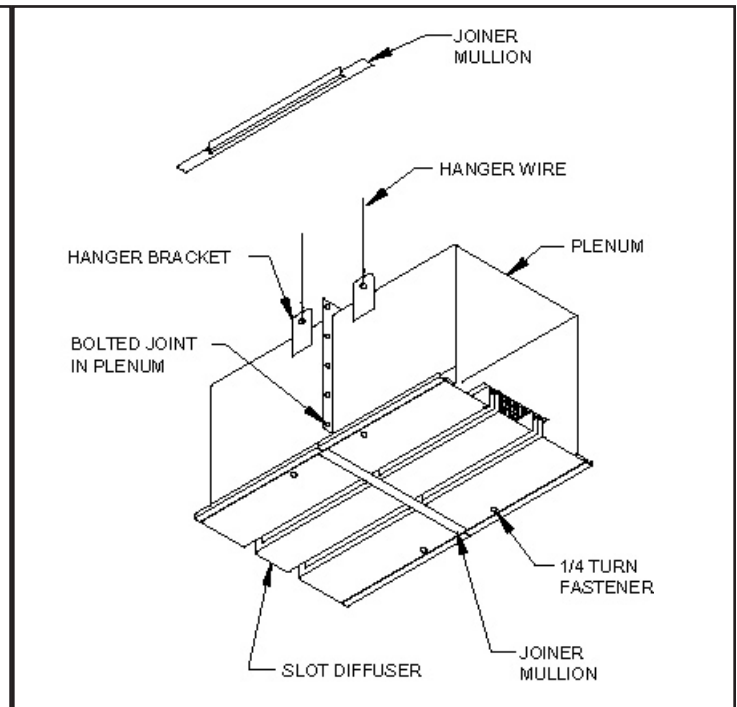


## SteriTec and LineaTec - Critical Environment Diffusers



**DETAIL 1**



**DETAIL 2**

### INSTALLATION PROCEDURE

#### Prior to Installation:

1. Identify all parts for each individual system: straight sections, corner transitions, slot diffusers, and joiner mullions.
2. Determine quantity of bolts, nuts, washers and clear silicone sealer required to join sections together, as TITUS does not provide. 1/4" diameter bolts are recommended.
3. Layout sections on the floor to check fit-up before mounting into ceiling.

#### Installation:

The LineaTec or SteriTec can be installed as a surface mount or as a T-Bar lay-in. Either method of installation will require support from above.

##### One piece construction LineaTec:

4. Surface Mounted: Hang by wire or rods using the four hanger brackets located on top of the plenum (see Detail 5).
5. T-Bar Lay-In: Use same support method as surface mount.

##### Multi-Piece Construction LineaTec or SteriTec:

These units are fabricated in multiple pieces and assembled as follows:

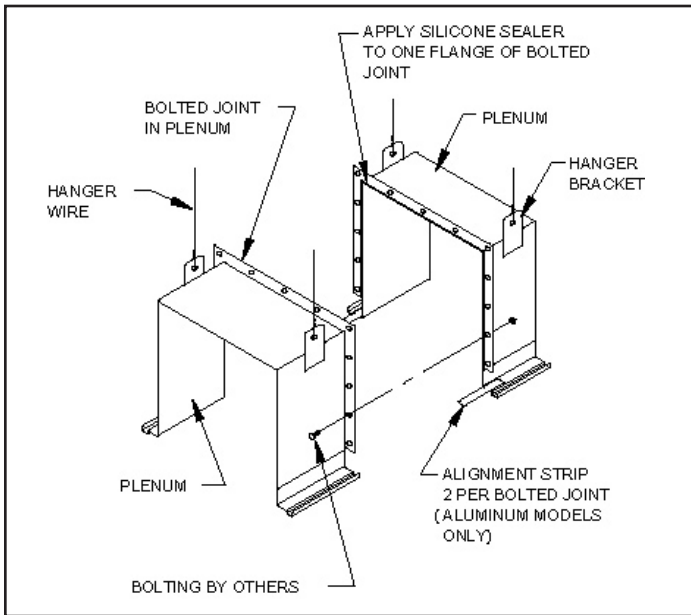
6. Each plenum section is to be hung by either wire or rods utilizing the four hanger brackets located on top of each plenum. Faces (slot diffusers) or corner transition face panels will need to be removed during this procedure. Be sure to re-install the face into the same plenum it was removed from.
7. As each plenum section is hung and before bolting to the

adjoining plenum, install the alignment strips (aluminum units only) and apply a clear silicone sealer to one of the mating flanges as shown in Detail 3. Remove any excess sealer from inside the plenum after bolting. Check alignment and fitting of plenum sections during assembly.

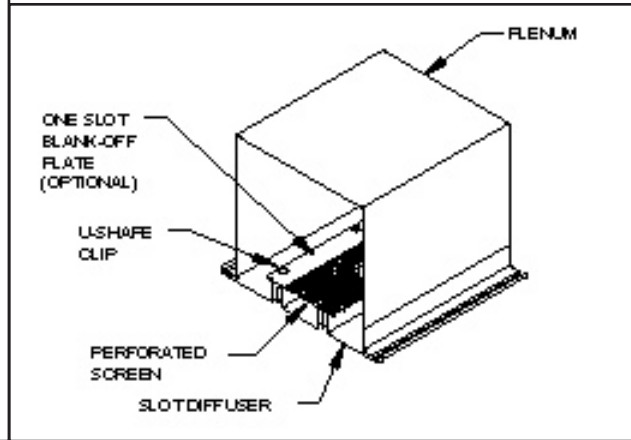
8. Repeat steps 6 and 7 for each additional plenum section or corner transition.
9. After assembly of all plenum sections and corner transitions has been completed, re-check fit-up and alignment.
10. Re-install the face (slot diffusers) and corner transition face panels (Detail 1) along with joiner mullions (Detail 2).

##### Optional 1-Slot Blank-Off:

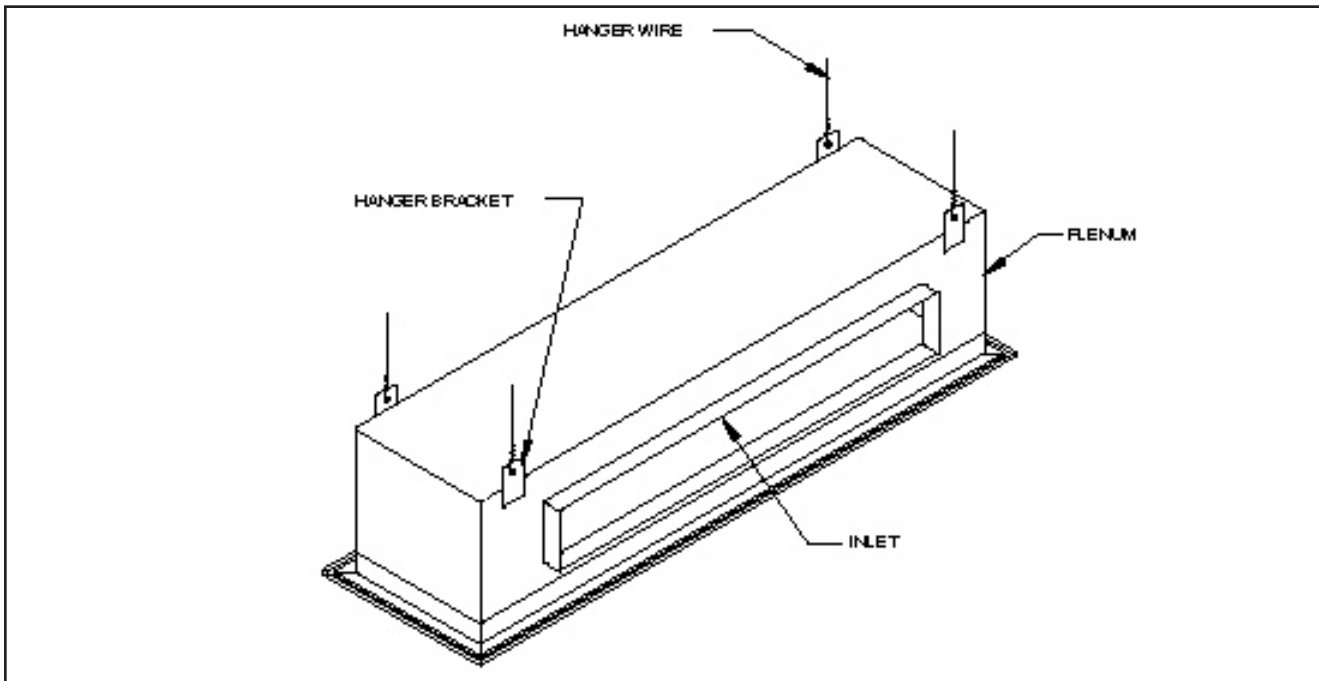
11. The LineaTec and SteriTec will always have 2-slots. When only 1-slot is required, an optional blank-off for one of the slots is provided. This option can be added at the time of fabrication or later at the jobsite.
12. The blank-off along with the perforated screen is held in place by U-shaped clips as shown in Detail 4. To remove or add the blank-off at the jobsite simply remove the face (slot diffuser) only shown in Detail 1. Once the face has been removed, remove the U-shaped clips along the side where blank-off is to be added or removed. Then either add or remove the blank-off and re-install the U-shaped clips.



**DETAIL 3**



**DETAIL 4**



**DETAIL 5**

Part # 000000-00