

APPLICATION

- Hospital operating suites, laboratories, and clean rooms where ceiling access is desirable
- Eases installation of devices such as laminar flow panels and fluorescent light fixtures located adjacent to each other as compared to a hard ceiling surface
- Grid system typically occupies central portion of ceiling, with a gypsum / sheet rock perimeter
- Support hangers sized and spaced to provide support for a maximum ceiling load of 10 lbs./ft² ceiling surface.

PRODUCT FEATURES

- Factory welded grid system on 12-1/8" Modulus (Ex. 24-1/4" x 48-1/2" Centerlines)
- Individual sections fabricated up to 5' x 10' as standard for ease of transport, handling, and installing. Larger sections available as applicable / practical
- Designed via structural analysis software for rigidity – insures a tight seal from the contaminated plenum space above
- Supports a minimum of 10 lbs load / square foot
- Factory furnished compression clips hold components tight to frame to prevent leakage (field installed)

FULL T-BEAM FEATURES

- 1-1/2" Wide Full T-Beams exceeding .52 lbs/lineal foot
- 1-3/4" high vertical leg minimizes interference with installed ceiling components and hanger wire or threaded rod
- Minimum wall thickness of .125"

HALF T-BEAM FEATURES

- 3/4" Half T-Beams with "Lock-Align" design for positive alignment between mating sections
- Pairs of Half T-Beams mate together to form a dimensional equivalent of a Full T-Beam (field attached with threaded fasteners and clips)

SUPPORT METHODS

- Holes die punched at 12" intervals in vertical legs of frame for hanger wire support is standard (optional 6" intervals).
- Optional threaded rod brackets are available
- 24" support intervals in both directions are typical. Ceiling load, support specifications, and building codes may allow for larger spacing intervals.

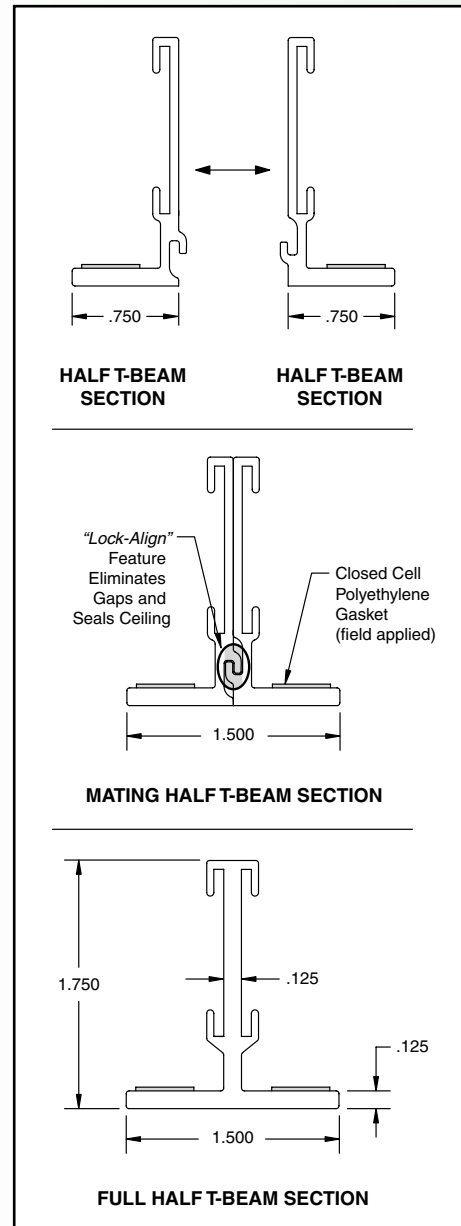
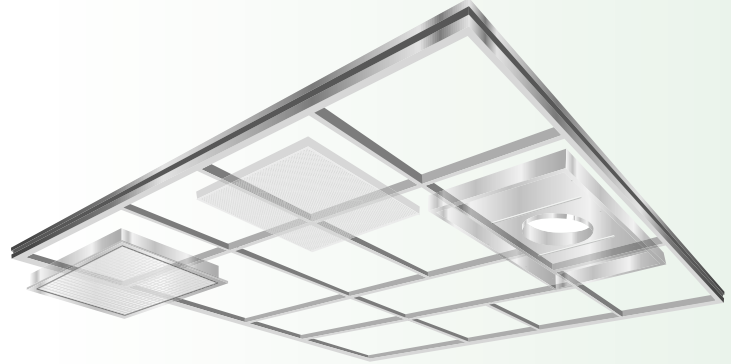
MATERIALS

- 6000 Series Extruded Aluminum alloy for strength/rigidity, corrosion protection, and clean lines.
- Closed-cell Polyethylene gasket material (PSA) is provided for field installation.

FINISHES

- Arctic White epoxy powder coat finish
- Clear / Natural Anodize finish

Model MVG 15/16" T-Bar systems available.
Contact your Anemostat representative for details



NOTE: Verify grid assemblies will FIT through door openings, etc. within building prior to ordering.

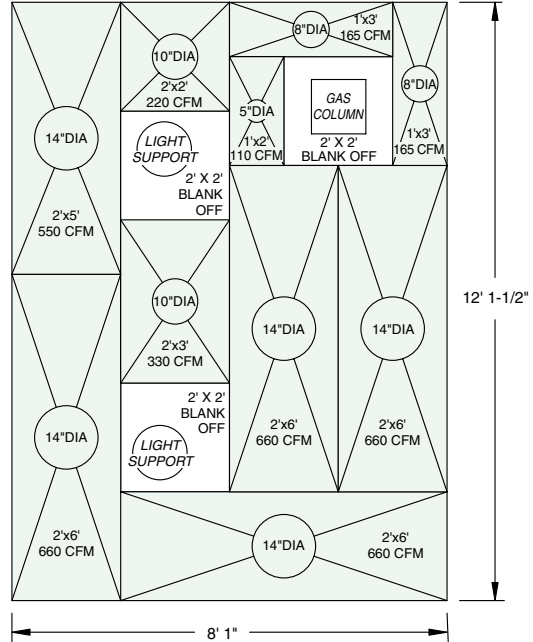


THD-1500 GRID LAYOUT EXAMPLE:

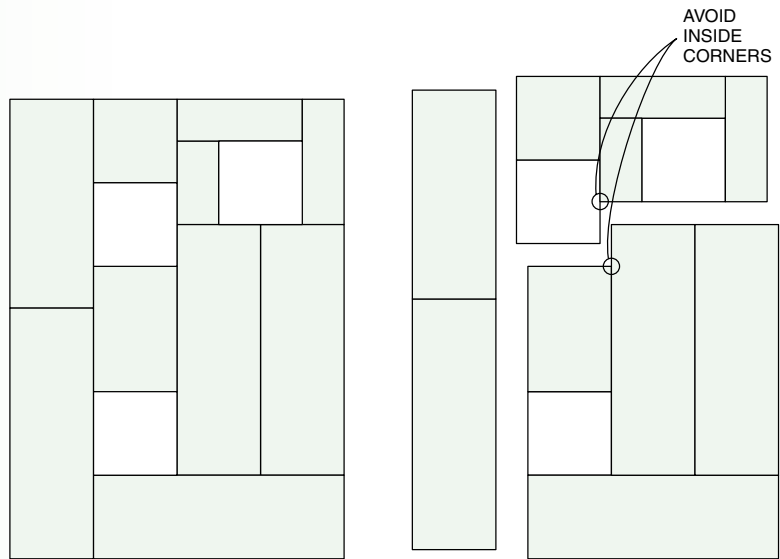
The laminar flow layout example from page A-11 is shown below:

(All views are plan view)

The modulus for the T-beam centerline spacing is 12-1/8".
For example: 24-1/4" x 48-1/2"



Factory welded assemblies are available in one piece up to 5 ft x 10 ft. Sub-assemblies are used for larger sizes whereby the grid is split into logical sections. The layout above may be split as shown, but includes inside corners. These should be avoided where feasible:



With a minor modification to the laminar flow panel layout, two sub-assemblies are easily created with only one straight hairline joint:

