

# HGC

## HOSPITAL GRADE CEILING SYSTEM

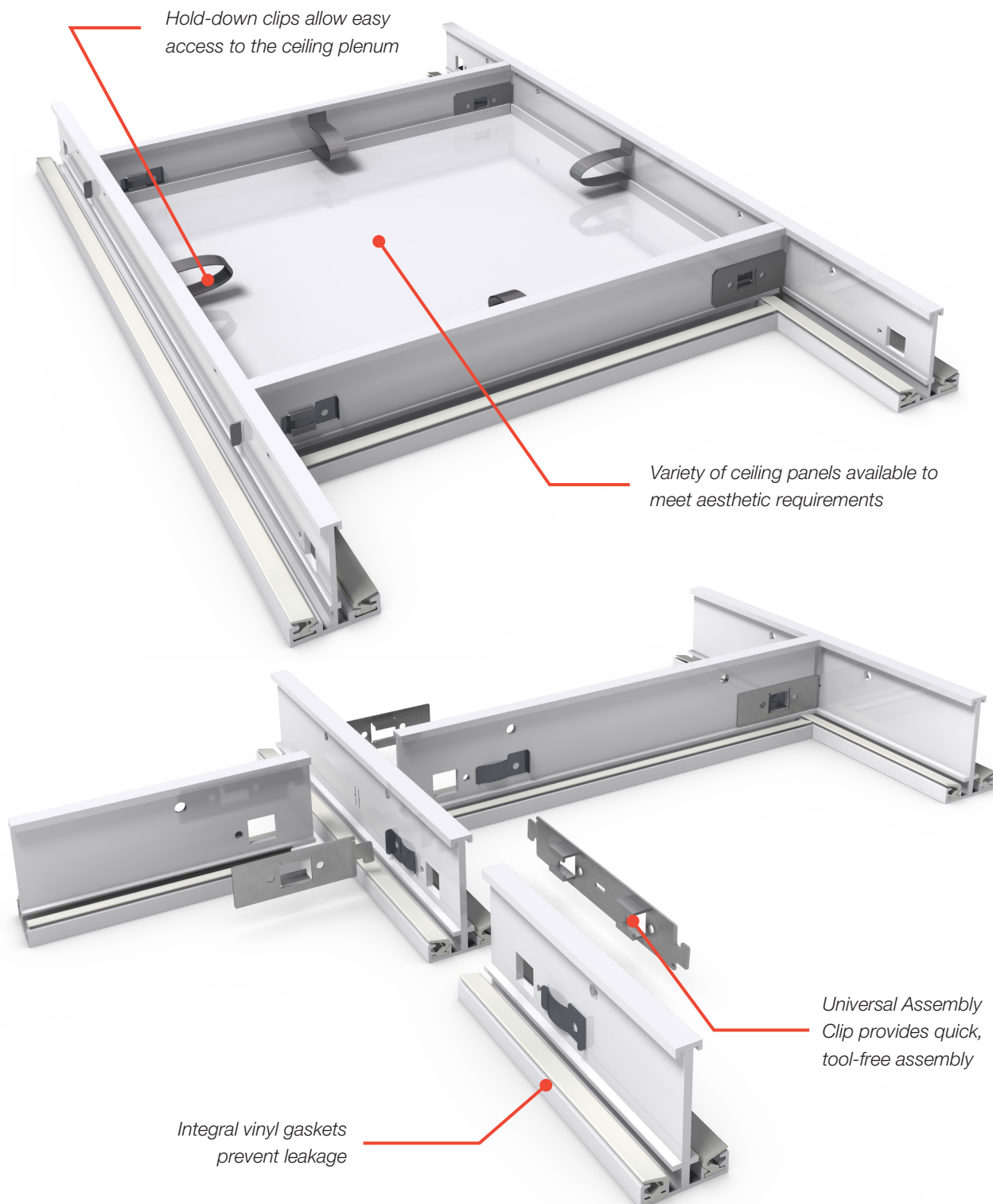


**price** | **CRITICAL**  
ENVIRONMENTS

# HGC

## Hospital Grade Ceiling System

The HGC is a field assembled, extruded aluminum ceiling suspension system designed to support diffusers, in-fill panels, and light fixtures in a variety of critical environments. The HGC is fully customizable to match the demanding and often crowded modern hospital and cleanroom ceiling layouts, while ensuring compliance with ASHRAE 170, FGI Guidelines for Design and Construction of Health Care Facilities, and USP 797/800. A continuous gasket prevents contaminant migration between the ceiling plenum and the occupied space, while the sterile white powder coat finish is formulated to resist deterioration from hospital-grade cleaners and disinfectants.



## EASY INSTALLATION AND RECONFIGURATION

- + Designed for easy installation, the HGC is shipped as individual gasketed tee lengths that are easy to assemble and rearrange to allow for future equipment layout changes.
- + The HGC Universal Assembly Clip provides quick, tool-free assembly as well as improved grid alignment and rigidity.

## COMPLETELY CUSTOMIZABLE

- + Several tee profiles and flexible grid sizes, module sizes and layout configurations make the HGC completely customizable.
- + Multiple finish options are available, including antimicrobial, powder coat and anodized.

## VARIETY OF CEILING PANELS

- + A variety of ceiling panels are available. The standard panel is solid, heavy gauge aluminum, while other options include an extruded border panel or perforated face panel with solid backpan to mimic the appearance of laminar diffusers.

## TYPICAL APPLICATIONS

The HGC, hospital grade ceiling system, is ideal for any application that demands strict clean air control including pharmaceutical and hospital laboratories, operating and isolation rooms, and microelectronics manufacturing facilities.

### CONSTRUCTION

- + Optional Ceiling Panels
  - Solid core (SC)
  - Solid core flush face (SCF)
  - Solid core with extruded frame (SCE)
  - Solid core with access door (SCAD)
  - Perforated core with extruded frame (PCE)



*Available ceiling panel options*



## SEAMLESS SYSTEM INTEGRATION

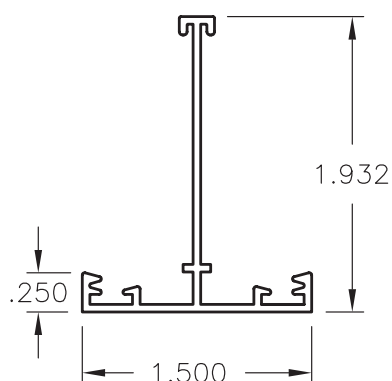
- + The HGC can be combined with laminar flow diffusers, radial flow diffusers, hospital operating room air curtain, fan filter units and lighting components (by others) for a complete, integrated package.
- + Integrated systems have the advantage of providing single source responsibility to ensure correct interfacing of individual components.
- + Standard white powder coat paint is identical across all Price Critical Environment products, ensuring a perfect match for all integrated system components.

## LEAK-FREE ASSEMBLY

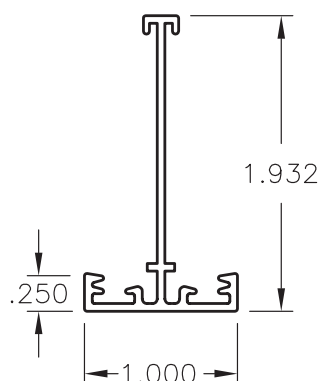
- + Hold-down clips secure ceiling panels to gasketed grid members to prevent air from leaking between the plenum and occupied space.



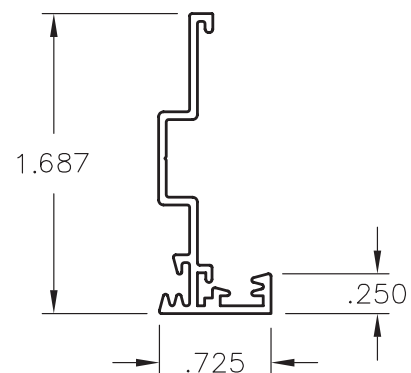
## DIMENSIONAL DATA



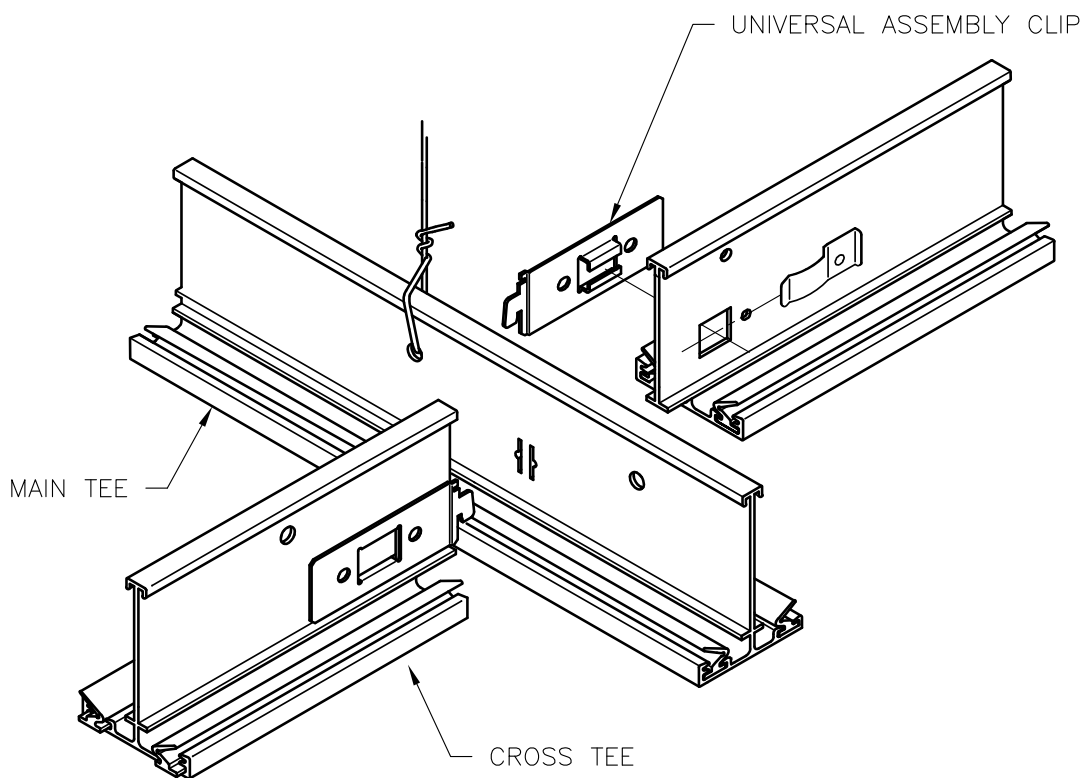
*Profile 4806*



*Profile 4732*



*Profile 4733 perimeter tee*



*Assembly detail*



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