



FrameWorx ceiling grids are custom manufactured; shown is a sample layout.

## INTRODUCTION

The FrameWorx ceiling grid system is a factory welded, extruded aluminum ceiling suspension system designed to support diffusers, blank off panels, and light fixtures for a variety of critical environment applications. FrameWorx is fully customizable to match the most demanding hospital and cleanroom ceiling plans. FrameWorx fully complies with ASHRAE 170 while surpassing standards for ASTC 635C Heavy Duty classification. Field installable closed cell gaskets prevent contaminants from moving between the ceiling plenum and the occupied room space. FrameWorx is available with a standard white epoxy powder coat finish that will resist stringent operating room cleaning protocols. Anti-microbial white epoxy powder coat finish is also available for enhanced protection.

## MODEL

FrameWorx - Ceiling grid for critical room applications

## PRODUCT FEATURES

- Heavy duty grid system at half the allowable deflection as classified per ASTM C635
- Factory welded grid system
- 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, insuring a tight seal from the contaminated plenum space above
- Supports a minimum of 10 lbs load / ft<sup>2</sup>
- Factory furnished compression clips hold diffusers tight to frame to prevent leakage (optional - field installed)

## BLANK-OFF PANELS

- Solid and perforated metal blank off panels available
- Standard and custom module sizing available
- Hold down clips available to ensure tight secure fit to grid module

## SUPPORT METHODS

- Holes die punched at 12" intervals in vertical stack head of full tee beam members for hanger wire support
- Half tee beam clamps are included for support of mating sections and can be positioned anywhere within the grid system
- 24" or 48" support intervals in both directions are typical

## MATERIALS

- 6000 series extruded Aluminum alloy for strength, corrosion resistance, and clean lines
- Closed cell Polyethylene gasket material (PSA) is provided for field installation

## FINISHES

- #44 British White (epoxy powder coat)
- #4A British White Anti-Microbial (epoxy powder coat)