

CLEAN-TRAK

ULTRALITE CLEANROOM
CEILING GRID

CLEAN-TRAK ULTRALITE CLEANROOM CEILING GRID

The **Clean-Trak® Ultralite Cleanroom Ceiling Grid** is Nortek Cleanroom Solutions' latest innovation in controlled environment ceiling systems, purpose-built to meet the evolving needs of the pharmaceutical and medical device manufacturing environments. Designed with ease of installation and sanitation in mind, Clean-Trak Ultralite offers a streamlined, smooth ceiling solution without compromising performance or compliance.

Whether you're retrofitting an existing space or building a new controlled environment, Clean-Trak Ultralite delivers a high-quality, scalable solution. It's a threaded rod suspension system.

ENGINEERED FOR PERFORMANCE, DESIGNED FOR FLEXIBILITY

- Smooth, flush ceiling pans minimize particle accumulation and make cleaning easy
- Easy to install and adaptable to a wide range of controlled environment layouts and ceiling heights
- ISO 5 / Class 100 compliant
- Customizable to meet your seismic requirements

KEY FEATURES

- Constructed from anodized aluminum, (inquire about powder coated aluminum, or stainless steel options)
- Flush pan design enables faster, more effective cleaning
- Standard 2' x 2', 2' x 4', and 4' x 4' configurations, with custom sizes available
- Quick-connect lighting
- Assembly clips streamline the installation process and eliminate the need for specialized tools when securing grid components, while optional hold down clips are available to secure blank panels in the grid

EASY INSTALLATION

Clean-Trak Ultralite is engineered for fast, straightforward installation. The lightweight grid components are easy to handle and assemble, reducing labor time and complexity. Prefabricated assembly options can further reduce installation time and labor costs. Detailed job-specific installation instructions and drawings are provided, and field supervision is available.

SIMPLIFIED MAINTENANCE & CLEANING

Cleanroom environments demand surfaces that are easy to clean and maintain. Clean-Trak Ultralite delivers with a smooth finish that resists particle buildup and supports routine cleanroom cleaning protocols.

- Flush ceiling design minimizes ledges and crevices
- Durable finish withstands repeated cleaning with disinfectants
- Easy access to ceiling panels for maintenance and inspection

SUSTAINABILITY

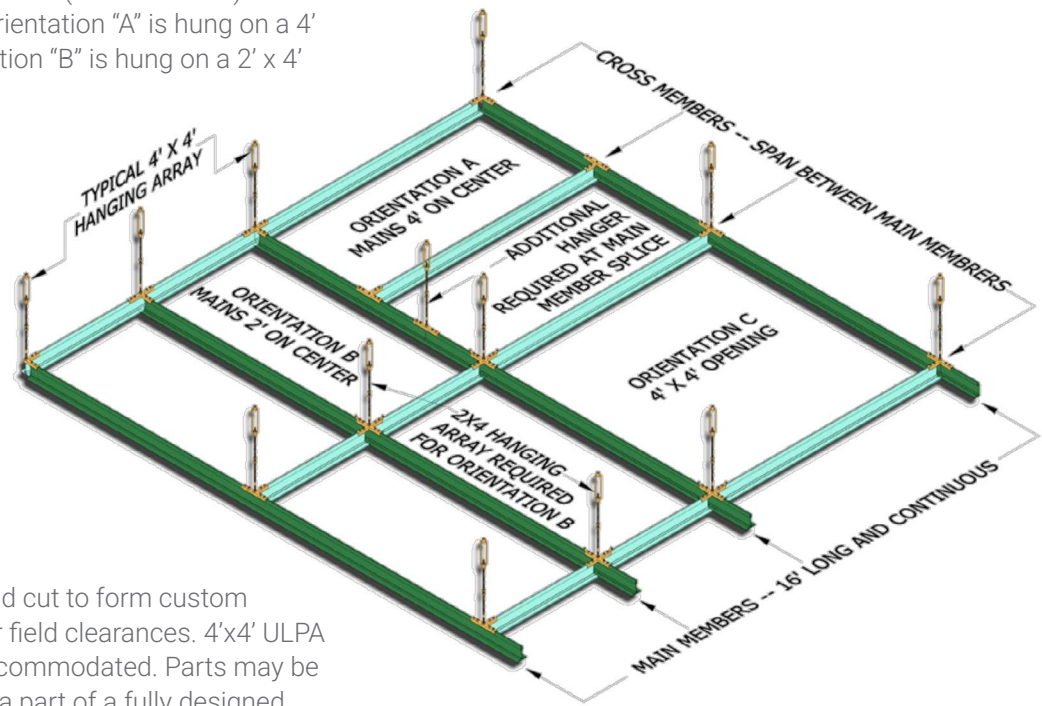
Clean-Trak® Ultralite is designed with sustainability in mind. From material selection to lifecycle performance, the system supports green building initiatives and environmentally responsible construction.

- Manufactured from 85% recycled aluminum
- Long-lasting finish reduces need for replacement or refinishing
- Supports LEED credits for material reuse and indoor environmental quality



CLEAN-TRAK ULTRALITE GRID

Main Runners are factory cut to 16' lengths. These runners are suspended at 4' intervals along their length, and are placed either 4' apart or 2' apart. Cross Runners are factory cut to nominal lengths of either 22" or 46", and together with the Main Runners, form either 2'x4' (orientation "A") or 4'x2' (orientation "B") grid arrays. Orientation "A" is hung on a 4' x 4' hanging array, and orientation "B" is hung on a 2' x 4' hanging array.



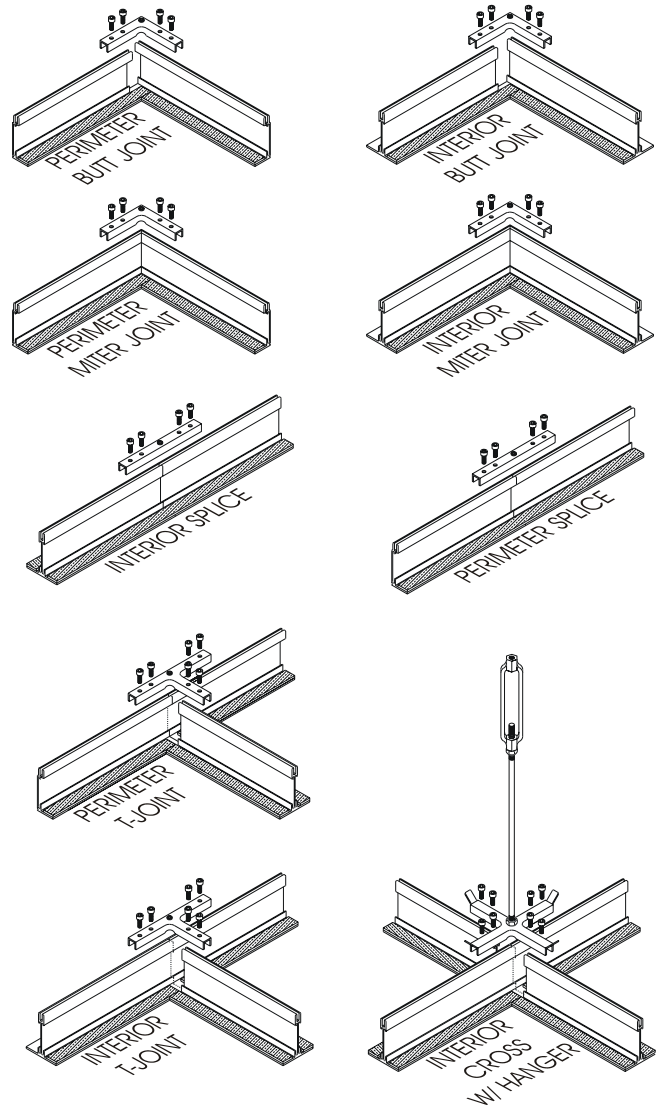
The grid array may also be field cut to form custom openings where necessary for field clearances. 4'x4' ULPA or HEPA filters can also be accommodated. Parts may be purchased by the piece, or as a part of a fully designed package. A factory-designed package includes all hardware necessary for assembly and installation, up to and including the turnbuckles shown.

CLEAN-TRAK ULTRALITE CONNECTIONS

Connections are accomplished with channel-brackets and #10-24 socket-headed cap screws. The channel-brackets are available in 4-way, 3-way (T), 2-way (corner), and 2-way (splice) configurations. The diagrams show the various connection joints with the appropriate connecting hardware. The #10-24 socket-headed cap screws require a 26 in-lb torque for proper set.

Each of these channel-brackets can also accommodate a 1/4"-20 threaded rod for hanging. A hanging assembly includes a 1/4"-20 2-ended stud, turnbuckle, and 1/4"-20 nuts (one right-hand and three left-hand). The 2-ended stud is tightened 1/3 turn past snug after the channel-bracket has been secured to specifications. The right-handed nut is then tightened 1/4 turn past snug. Whenever possible, Main Runner splices should occur at intersections with Cross Runners for improved system rigidity. All splices must be supported by hangers.

Corner connections may be either butt joined or miter joined depending upon field requirements. Miter joints must be field cut. All joints must be field caulked at the adjoining horizontal surfaces prior to installing the gasket. The gasket is field cut and installed after the system has been fully installed, leveled and caulked.



NORTEK CLEANROOM SOLUTIONS

Nortek Cleanroom Solutions is an industry leader and trusted provider of cleanroom products for a wide range of applications, providing ceiling grids, unidirectional plenums, fan filter units, custom cleanroom air handling equipment, and modular cleanrooms. Learn more at nortekair.com/products/cleanroom-systems



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