



HALCO PRODUCTS COMPANY

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HALCO
PRODUCT
INFORMATION

100.8001

USP 797 / 800 CLEAN ROOM HAZARDOUS DRUG COMPOUNDING

Design Criteria

- Comply with ISO 14644 standards
- Reduce microbial contamination
- Clarify client requirements
- Design with flexibility of system
- Generate QA/QC criteria
- Sterile or non-sterile compounding
- ISO 5 (Class 100) through ISO 8 (Class 100,000)
- Standalone clean hoods
- Dedicated exhaust systems
- Design rooms to be environmentally controlled and easily serviced
- Room heights may vary to accommodate many uses
- Materials of construction in compliance with proposed customer use
- In situ monitoring and control
- Testing and validation requirements to comply with needs

Options available include:

- Anti-static curtains
- Static eliminator grid
- Special size configurations
- Optional voltage Control panel
- Prewired system
- Stainless construction
- Gowning room
- Solid acrylic or polycarbonate walls
- Interior curtains
- Suspended in lieu of freestanding



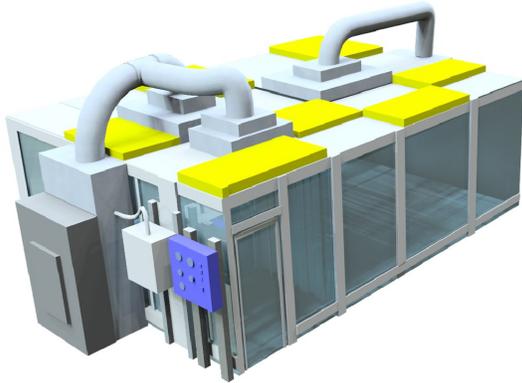
Why choose Halco for your USP 797 Environment?

Halco has no other goal than the business of Clean and sterile environments. Whether it's a USP 797 protocol environment or any other sterilized environment you can count on Halco as an expert. Halco has experience in the initial stages of design and construction all the way through the continued upkeep of your Clean room Environment.

Halco has been involved in the design, construction, accessorizing, and certification of Clean rooms for over fifty years. Halco has experience nationally & internationally of implementing the needs of our customers when it comes to sterile environments.

Applications and Design

Dedicated



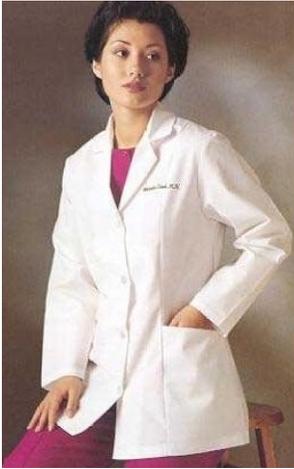
- Designed with your physical dimensionality requirements
- Dedicated HVAC and electrical
- Prefabricated modular to save time and money
- Special lighting and instrumentation
- Materials of construction to match your needs
- Anteroom and gowning systems
- Cart and pass-through modules
- Air showers and specialties
- QA/QC testing and validation
- Recirculating or negative static requirements
- Interface exhaust and Chemo hoods
- Special gases and utilities
- VHP sterilization systems

User Facility



CLEANROOM STANDARDS				
ISO	FED. STANDARD 209E		PART/CUBIC METER (P/M ³)	
14644-1	ENGLISH	METRIC	0.5UM	5.0UM
1				
2			4	
3	1	M1.5	35	
4	10	M2.5	352	
5	100	M3.5	3,520	29
6	1000	M4.5	35,200	293
7	10,000	M5.6	35,200	2,930
8	100,000	M6.5	352,000	29,300
9			35,200,000	293,000

Accessories and Support

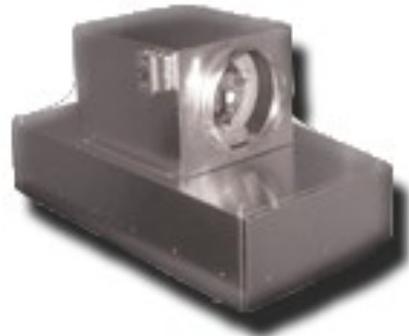


HALCO Offers a full line of Clean room Accessories to optimize the performance of your USP 797 Clean room.
Including:



- Clean benches
 - Isolating Hoods
 - Air Showers
 - Pass Thrus
 - HEPA Filters
 - Lighting Fixtures
 - Phones
 - Clocks
- And More...

Halco also offers full testing and certification to keep your USP 797 Clean room environment in compliance. With ISO 14644-1 & Fed Stand-



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In line with our policy of continual product improvement, HALCO reserves the right to incorporate and use equipment and material to conform with the latest design of its products, and in keeping with the specifications of this equipment.