

ISI Containment Booths & Enclosures

Isolation Systems, Inc. Containment & Extraction Booths and Enclosures provide the highest levels of operator protection. Our systems provide a safe operator breathing zone for both powder containment and fume extraction applications within a controlled environment. Our Booths and Enclosures are available in re-circulating or single pass configurations with double or triple integrated filtration systems.



STANDARD FEATURES:

- 304L STAINLESS STEEL CONSTRUCTION
- PRE-WIRED MODULAR ASSEMBLY
- 4" THICK DOUBLE PAN HOLLOW WALL SECTIONS
- SERVICE KNOCKOUTS IN WALLS A/R
- DAMPERED DISCHARGE GRILLE
- FLUSH MOUNTED LED LIGHTING
- NON-SPARKING BACKWARD CURVED ALUMINUM IMPELLERS
- 120/230 60 hz. 1 ph OR 230/ 460 V 60 hz 3 PH
- VARIABLE FREQUENCY DRIVE-BLOWER SPEED CONTROL
- CG SCREEN DOWN FLOW AIR DIFFUSERS
- MERV-8 EXTRACTION PRE-FILTERS
- HIGH VOLUME HEPA EXTRACTION FILTERS
- BAG OUT CAPABLE
- FILTERS, BLOWERS, LIGHTS & CONTROLS ARE ROOM SIDE ACCESSIBLE
- VISUAL OPERATIONAL PRESSURE GAUGES
- LIGHTED WET LOC. RATED ON/OFF SWITCHES
- MUSHROOM HEAD EMERGENCY-STOP SWITCH
- SINGLE POINT ELECTRICAL CONNECTION

DESIGN CONFIGURATIONS

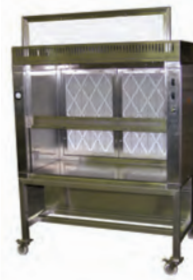
- RE-CIRCULATING
- ONCE THRU/SINGLE PASS
- FUME EXTRACTION
- SECONDARY BARRIER SYSTEMS
- PORTABLE SYSTEMS
- SMALL BATCH



Explosion Proof Powder Containment Hood



Constant Volume Bypass Booth



Small Batch Containment Extraction Console



Walk-In Containment Booth

CONFORMANCE STANDARDS:

ISO-5 | SMEPAC | ASHRAE | ISPE Good Practice Guide/Particulate Containment
NEMA 4X,7,9 | NSF-49 | CGMP STANDARDS | USP-797



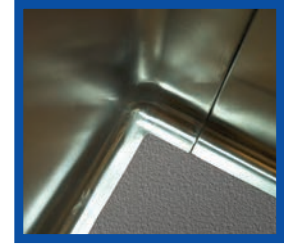
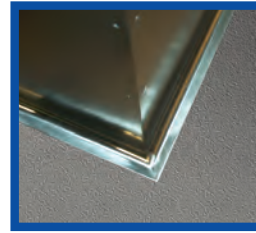
Isolation Systems Inc.
Process Specific Design and Engineering

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Containment Booths & Enclosures

OPTIONAL FEATURES:

- 316L STAINLESS STEEL CONSTRUCTION
- PLC-CONTROLLED SYSTEM
- PRESSURE ACTIVATED BLOWER SPEED MODULATION
- AUDIBLE VISUAL ALARM SYSTEM/BMS CAPABLE
- INTEGRAL FORMED COVERED CORNER TRANSITIONS
- FULL LIGHT CLEAR GLASS WALL PANELS
- ANTI STATIC CLEAR ACRYLIC WALL PANELS
- REMOVABLE CLEAR FLEXIBLE PVC WALL SYSTEM
- SECONDARY ARTICULATING BARRIER
- DAMPERED DISCHARGE DUCT CONNECTION
- EXTRACTION PLENUM CIP SYSTEM
- REMOTE LOCATED CONTROL PANELS
- CHILLED WATER COIL
- CL-1 DIV I / CL-1 DIV-2 CONFORMANCE
- INTEGRAL WORK SURFACES
- SOLID SS DOORS
- AUTO ROLL UP DOORS
- STRIP DOORS
- SPRINKLER PENETRATIONS
- ELECTRICAL OUTLETS
- CUSTOMER EQUIPMENT OR SERVICE INTEGRATION
- DUCTED NON-POWERED SYSTEMS
- MODULAR SOFT WALL DESIGNS
WITH MODULAR EXTRACTION MODULE
- CUSTOM CONFIGURATIONS
- INDEPENDENT TESTING
- COMPLETE TURN KEY INSTALLATION
- COVED INTERIOR CORNERS
- HYDROPHOBIC DOWN FLOW HEPA FILTERS



Compound Covered Corner Transitions



ADVANTAGES:

- 100% SOLID STAINLESS STEEL CONSTRUCTION
- FULLY ASSEMBLED PRE-WIRED MODULAR ASSEMBLIES
- PRE ASSEMBLED MODULAR WALLS
- QUICK INSTALLATION
- EFFICIENT VAPOR TIGHT LED LIGHTING
- CG FABRIC DOWN FLOW DIFFUSERS FOR EVEN AIR DISTRIBUTION
- ALL MECHANICAL COMPONENTS ARE ROOM SIDE ACCESSIBLE
- ALL FILTERS ARE ROOM SIDE REPLACEABLE
- QUIET NON SPARKING BACKWARD CURVED BLOWERS
- 100% MANUFACTURED IN USA



ISI Sales, Design and Engineering staff will work along with our customers from project inception through to final validation and certification. Custom designed and process specific engineered systems are our specialty. Isolation Systems Inc. is dedicated to providing the full spectrum of Airborne Contamination Control, Containment and Extraction technologies to meet the ever expanding Challenges of our industry.

Thank you for considering Isolation Systems, Inc. for your next project.



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