



**HOODS, WORKSTATIONS &
VENTILATED SAFETY CABINETS**

**FEATURES AND OPTIONS
CONFIGURATOR**

CUSTOMER INFORMATION:

COMPANY: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CELL: _____

E-MAIL: _____

ISI REPRESENTATIVE & CONTACT INFO:

NAME: _____

COMPANY: _____

PHONE: _____

CELL: _____

E-MAIL: _____

END LOCATION INFORMATION:

Same as Customer Information

COMPANY: _____

CONTACT: _____

ADDRESS: _____

PHONE: _____

CELL: _____

E-MAIL: _____

PROJECT TIMEFRAME:

- ◇ IMMEDIATE NEED (WITHIN 6 MONTHS)
- ◇ CURRENT NEED (6 MONTHS TO ONE YEAR)
- ◇ FUTURE NEED (MORE THAN ONE YEAR)
- ◇ BUDGETARY
- ◇ OTHER, PLEASE SPECIFY: _____

PROJECT INFORMATION:

- STANDARD FEATURES:**
- ◆ 304L STAINLESS STEEL
 - ◆ PRE-WIRED MODULAR ASSEMBLY
 - ◆ DOUBLE PAN HOLLOW SIDE WALLS
 - ◆ COUNTER-BALANCED LIFTING SASH
 - ◆ HORIZONTAL SLIDING SASH
 - ◆ FLUSH MOUNTED LED LIGHTING
 - ◆ NON-SPARKING BACKWARD CURVED ALUMINUM IMPELLARS
 - ◆ BLOWER SPEED CONTROLLERS
 - ◆ HEPA FILTRATION 99.99% EFF @ .3 MICRONS
 - ◆ CG SCREEN DOWN FLOW AIR DIFFUSERS
 - ◆ FILTERS, BLOWERS, LIGHTS & CONTROLS ARE ROOM SIDE ACCESSIBLE
 - ◆ VISUAL OPERATIONAL PRESSURE GAUGES
 - ◆ WET LOC. RATED ON / OFF SWITCHES
 - ◆ SINGLE POINT ELECTRICAL CONNECTION
 - ◆ SUPPORT FRAME OR UNDER CABINETS



HOODS, WORKSTATIONS & VENTILATED SAFETY CABINETS

FEATURES AND OPTIONS CONFIGURATOR

URS AVAILABLE?:

- ◇ YES

MATERIAL OF CONSTRUCTION:

- ◇ 304 STAINLESS STEEL #4 FINISH
- ◇ 316L STAINLESS STEEL #4 FINISH
- ◇ SPECIAL FINISH SPECIFY _____

WALL CONSTRUCTION:

- ◇ SERVICE KNOCK OUT HOLLOW SIDE WALLS
- ◇ DOUBLE PAN HOLLOW SIDE WALLS
- ◇ ACRYLIC SIDE WALLS
- ◇ POLYCARBONATE SIDE WALLS

DESIGN CONFIGURATIONS:

- ◇ UNIDIRECTIONAL DOWN FLOW (VERTICAL LAMINAR FLOW)
- ◇ UNIDIRECTIONAL CROSS FLOW (HORIZONTAL LAMINAR FLOW)
- ◇ RE-CIRCULATING (VERTICAL LAMINAR FLOW)
- ◇ SINGLE PASS (VERTICAL LAMINAR FLOW)
- ◇ EXHAUSTING
- ◇ POWDER CONTAINMENT / EXTRACTION
- ◇ TRACE METAL
- ◇ ACID RESISTANT
- ◇ FUME EXTRACTION
- ◇ BIO-SAFETY CI-II A1/A2 CI-II B1 CI-II B2
- ◇ DOWNDRAFT
- ◇ BACKDRAFT
- ◇ REVERSE FLOW

STANDARD SIZES:

- ◇ 25^{3/4}"d x 24^{1/2}"w x 28"h WORK AREA (86" OAH)
- ◇ 25^{3/4}"d x 48^{1/2}"w x 28"h WORK AREA (86" OAH)
- ◇ 25^{3/4}"d x 72^{1/2}"w x 28"h WORK AREA (86" OAH)
- ◇ 25^{3/4}"d x 97^{1/2}"w x 28"h WORK AREA (86" OAH)

CUSTOM SIZE OR CONFIGURATION:

BLOWER SYSTEM OPTIONS:

- ◇ SUPPLY
- ◇ EXHAUST
- ◇ PRESSURE ACTIVATED BLOWER SPEED MODULATION
- ◇ EXPLOSION PROOF CLASS 1 DIV 1 OR DIV 2
- ◇ CUSTOMER SUPPLIED

OPERATOR EXPOSURE LEVEL:

- ◇ OEL 2 (100-1,000 µg/m³)
- ◇ OEL 3 (10-100 µg/m³)

ISO / FED STD 209 / EU GMP GRADE:

- ◇ ISO 8 / CLASS 100,000 / GRADE D
- ◇ ISO 7 / CLASS 10,000 / GRADE C

◇ **ASHRAE 110**

SASH:

- ◇ COUNTER BALANCED LIFTING SASH
- ◇ HORIZONTAL SLIDING SASH
- ◇ LIFT UP VIEW PANEL SASH WITH GAS CYLINDER ASSIST
- ◇ INDEXED LIFTING FOLDING SASH

SASH GLASS OPTIONS:

- ◇ LAMINATED SAFETY GLASS
- ◇ CLEAR TEMPERED GLASS
- ◇ CLEAR ACRYLIC
- ◇ CLEAR POLYCARBONATE (LEXAN)
- ◇ SPECIAL TINTING, PLEASE SPECIFY _____

SASH GLOVE PORT OPTIONS:

- ◇ 8" ROUND STAINLESS STEEL
- ◇ 10" ROUND STAINLESS STEEL
- ◇ 12" ROUND STAINLESS STEEL

GLOVES:

- ◇ NATURAL RUBBER
- ◇ NEOPRENE
- ◇ HYPALON (CSM)
- ◇ BUTYL
- ◇ LATEX
- ◇ VITON POLYURETHANE
- ◇ DETACHABLE HANDS
- ◇ ACCORDION SLEEVES
- ◇ SIZE: _____

FILTRATION:

- ◇ HEPA 99.99% eff @ 0.3 microns
- ◇ ULPA 99.9995% eff @ 0.12 microns
- ◇ CARBON FILTER
 - ◇ SPECIFY RATING _____
- ◇ ePTFE HYDROPHOBIC HEPA FILTRATION



Isolation Systems Inc.

HOODS, WORKSTATIONS & VENTILATED SAFETY CABINETS CONFIGURATOR CONTINUED

INTEGRAL LIGHTING:

- ◇ FLUORESCENT
- ◇ ULTRA VIOLET
- ◇ LED
- ◇ VAPOR-TIGHT LED
- ◇ EXPLOSION PROOF CLASS 1 DIV 1 or DIV 2

ELECTRICAL SERVICES:

- ◇ 120-220V / 60HZ / 1PH
- ◇ 230-208V / 60HZ / 1 PH
- ◇ 50 HZ OPERATION FOR 1 PH AVAILABLE

ELECTRICAL OUTLETS:

- ◇ STANDARD DUPLEX
- ◇ GFI DUPLEX
- ◇ EXPLOSION PROOF
- ◇ SEALED / STAINLESS STEEL COVER
- ◇ STRIP OUTLET
- ◇ SPECIAL VOLTAGE _____
- ◇ SPECIFY AMPERAGE _____

CONTROLS:

- ◇ MAGNEHELIC GAGE
- ◇ MINIHELIC GAGE
- ◇ PHOTOHELIC GAGE
- ◇ DIGITAL PRESSURE DISPLAY
- ◇ AUDIBLE VISUAL LOW PRESSURE ALARM
- ◇ AUDIBLE VISUAL LOW FLOW ALARM
- ◇ GAS ANALYZER AND ALARM
- ◇ THERMOMETER
- ◇ HYGROMETER
- ◇ FLOW METERS
- ◇ BMS OPERATION

SIDE WALL PASS THROUGH:

- ◇ SPECIAL SIZE _____
- ◇ ELECTRICAL INTERLOCK
- ◇ SLIDE OUT SHELF
- ◇ DOOR ORIENTATION _____
- ◇ PRESSURIZED

SERVICE PENETRATIONS AND FITTINGS:

- ◇ TRI-CLAMP AND CAP _____
- ◇ BULK HEAD FITTINGS _____
- ◇ CABLE PENETRATIONS _____
- ◇ VALVES & PET COCKS _____
- ◇ COMPUTER CONNECTIONS _____
- ◇ QUICK CONNECTS _____
- ◇ DRAINS _____
- ◇ MANIFOLDS _____
- ◇ FAUCETS _____
- ◇ FIRE SUPPRESSION _____
- ◇ COLLECTION BASINS _____
- ◇ SINKS _____
- ◇ SHELVING _____
- ◇ HOOKS _____
- ◇ MONKEY BARS _____

- ◇ **CG FABRIC AIR DIFUSERS**
- ◇ **STATIC DISSIPATION**
- ◇ **PERFORATED STAINLESS STEEL DIFFUSER**

- ◇ **CASTERS LOCKING**

ERGONOMIC HEIGHT ADJUSTMENT:

- ◇ MANUAL HAND CRANK
- ◇ AUTOMATIC ADJUSTMENT
 - ◇ FOOT PEDAL ACTIVATED
 - ◇ PUSH BUTTON ACTIVATED

DRUM INTRODUCTION LIFT:

- ◇ MANUAL HAND CRANK
- ◇ AUTOMATIC ADJUSTMENT
 - ◇ FOOT PEDAL ACTIVATED
 - ◇ PUSH BUTTON ACTIVATED

- ◇ **FACTORY ACCEPTANCE TESTING (FAT)**
- ◇ **SITE ACCEPTANCE TESTING (SAT)**

- ◇ **EQUIPMENT INSTALLATION**

CLARIFICATION NOTES:

