



**RESTRICTED ACCESS
BARRIER SYSTEM (RABS)**

FEATURES AND OPTIONS

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
 - ◆ MODULAR PANELIZED CONSTRUCTION
 - ◆ CLEAR TEMPERED SAFETY GLASS
 - ◆ VAPOR TIGHT LED LIGHTING
 - ◆ NON-SPARKING BACKWARD CURVED ALUMINUM IMPELLARS
 - ◆ FILTERS, BLOWERS, LIGHTS & CONTROLS ARE ROOM SIDE ACCESSIBLE
 - ◆ PRESSURE GAUGES
 - ◆ 316L STAINLESS STEEL GLOVE PORTS
 - ◆ SINGLE PIECE HYPALON (CSM) GLOVES
 - ◆ NEMA 4X RATED ELECTRICALS
 - ◆ SINGLE POINT ELECTRICAL CONNECTION



RABS FEATURES AND OPTIONS CONFIGURATOR

URS AVAILABLE?:

- ◇ YES

MATERIAL OF CONSTRUCTION:

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

DESIGN CONFIGURATIONS:

- ◇ ACTIVE
- ◇ PASSIVE
- ◇ CLOSED
- ◇ ASEPTIC
- ◇ FUME EXTRACTION
- ◇ POSITIVE PRESSURE
- ◇ NEGATIVE PRESSURE
- ◇ SINGLE PASS
- ◇ RECIRCULATING
- ◇ EXHAUSTING
- ◇ UNIDIRECTIONAL CROSS FLOW
- ◇ UNIDIRECTIONAL DOWN FLOW (LAMINAR FLOW)

VIEW PANEL OPTIONS:

- ◇ LAMINATED SAFETY GLASS
- ◇ CLEAR TEMPERED GLASS
- ◇ CLEAR ACRYLIC
- ◇ CLEAR POLYCARBONATE (FDA APPROVED)
- ◇ SPECIAL TINTING, PLEASE SPECIFY _____
- ◇ _____
- ◇ LIFT UP VIEW PANEL SASH WITH GAS CYLINDER ASSIST

GLOVE PORT OPTIONS:

- ◇ 8" DIA. ROUND
- ◇ 10" DIA. ROUND
- ◇ 12" DIA. ROUND

GLOVES:

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

OPERATOR EXPOSURE LEVEL:

- ◇ OEL 2 (100-1,000 $\mu\text{g}/\text{m}^3$)
- ◇ OEL 3 (10-100 $\mu\text{g}/\text{m}^3$)

ISO / FED STD 209 / EU GMP GRADE:

- ◇ ISO 8 / CLASS 100,000 / GRADE D
- ◇ ISO 7 / CLASS 10,000 / GRADE C
- ◇ ISO 5 / CLASS 100 / GRADE A/B

FILTRATION:

- ◇ HEPA 99.99% eff @ .3 microns
 - ◇ ePTFE HYDROPHOBIC HEPA
- ◇ ULPA 99.9995% eff @ .12 microns
 - ◇ ePTFE HYDROPHOBIC ULPA
- ◇ ASHRAE
 - ◇ SPECIFY RATING _____
- ◇ CARBON FILTER
 - ◇ SPECIFY RATING _____

INTEGRAL BLOWER SYSTEM:

- ◇ SUPPLY
- ◇ EXHAUST
- ◇ EXPLOSION PROOF CLASS 1 DIV 1 OR DIV 2
- ◇ CUSTOMER SUPPLIED

PASS THROUGH CHAMBER:

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

ALPHA-BETA PORTS:

- ◇ 105 MM
- ◇ 190 MM
- ◇ 270 MM
- ◇ 350 MM
- ◇ 460 MM

BETA CANISTER SIZE (PLEASE SPECIFY):

SPECIAL ACCESS DOORS PLEASE SPECIFY:



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RABS CONFIGURATOR CONTINUED

INTEGRAL LIGHTING:

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

ELECTRICAL SERVICES:

- ◇ 120-220V / 60HZ / 1PH
- ◇ 230-208V / 60HZ / 1PH
- ◇ 460-230V / 60HZ / 3PH
- ◇ 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
- ◇ MINIHHELIC GAGE
- ◇ PHOTOHELIC GAGE
- ◇ DIGIHHELIC GAGE
- ◇ DIGITAL PRESSURE DISPLAY
- ◇ AUDIBLE VISUAL LOW PRESSURE ALARM
- ◇ AUDIBLE VISUAL LOW FLOW ALARM
- ◇ GAS ANALYZER AND ALARM
- ◇ THERMOMETER
- ◇ HYGROMETER
- ◇ FLOW METERS
- ◇ BMS OPERATION

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 _____

DRUM INTRODUCTION LIFT:

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

◇ DAMPERS

◇ CASTERS LOCKING

◇ SPECIAL EQUIPMENT INSTALLATION

CLARIFICATION NOTES:



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