

## CLEANROOM AIR SHOWER QUESTIONNAIRE



DATE:

### I. ABOUT YOUR COMPANY

*\*Fields required to be filled out*

1. NAME\*

2. COMPANY\*

3. ADDRESS\*

4. EMAIL\*

5. WEBSITE

6. PHONE NUMBER AND EXTENSION\*

7. FAX\*

8. YOU WORK FOR\*

*(Please Tick)*

- End User/Facility Owner
- Cleanroom Builder/Contractor
- Lab Builder/Contractor
- Distributor

9. EXISTING ESCO EQUIPMENT\*

10. REPEATED ORDER\*

Yes, SN:

No

### II. PROJECT INFORMATION

*\*Fields required to be filled out*

11. URS Available

Yes (please attach document)

No

12. Industry\*

- Pharmaceutical/Biotech
- Micro-electronics
- Semiconductors
- Spray Painting
- Laboratory Animal Research
- Food Markets
- Others, please specify:

13. Name of Project

14. Project Location\*

15. Unit/s Required\*

16. Deadline of submission for Tender*	
17. Timeline for Purchase	
18. Timeline for Installation*	
19. Application*	
20. No. of users	
21. Level of Need	<input type="checkbox"/> Have an approved budget (indicate: _____ ) <input type="checkbox"/> Preparing to submit a budget for approval <input type="checkbox"/> Gathering information for future reference

### III. AIR SHOWER SPECIFICATION

\*Fields required to be filled out

22. External Width*	<input type="checkbox"/> EAS-A: 1260 mm <input type="checkbox"/> EAS-B: 1530 mm <input type="checkbox"/> EAS-C: 2330 mm <input type="checkbox"/> Custom:	<input type="checkbox"/> EAS-EUS-A: 1385 mm <input type="checkbox"/> EAS-EUS-B: 1655 mm <input type="checkbox"/> EAS-EUS-C: 2430 mm <input type="checkbox"/> Custom:
23. External Depth*	<input type="checkbox"/> EAS-1: 1000 mm <input type="checkbox"/> EAS-2: 2000 mm <input type="checkbox"/> EAS-3: 3000 mm <input type="checkbox"/> Custom:	<input type="checkbox"/> EAS-EUS-1: 1040 mm <input type="checkbox"/> EAS-EUS-2: 2080 mm <input type="checkbox"/> EAS-EUS-3: 3120 mm <input type="checkbox"/> Custom:
24. External Height*	<input type="checkbox"/> EAS: 2055 mm <input type="checkbox"/> EAS-EUS: 2205 mm	<input type="checkbox"/> Custom:
25. Facility Layout Available*	<p>Yes (please attach)</p> <p>No</p> <p><i>* Note: Site Inspection must be carried out by local office to confirm the installation the unit.</i></p>	

<p><b>26. Blowing Type*</b></p>	<p><input type="checkbox"/> A series: Single sided <i>Note: Single-sided blowers require users to turn around when inside for maximum decontamination</i></p> <p><input type="checkbox"/> B &amp; C series: Double sided</p> <p><input type="checkbox"/> Optional (Customized): Three sided (w/ Custom Top Blowing) <i>Note: External height of the airshower subject to change if client opts for a unit with Top Blowing (Three-sided).</i></p>
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<p><b>27. Persons Per Cycle</b></p>	<p><input type="checkbox"/> 1 <span style="margin-left: 200px;"><input type="checkbox"/> 4-6</span></p> <p><input type="checkbox"/> 2-3 <span style="margin-left: 150px;"><input type="checkbox"/> Others:</span></p>
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<p><b>28. Does the client intend to push in trolley or materials inside the EAS?</b></p> <p><b>Select one (1) option to facilitate pushing of trolley into the EAS/EAS-EUS unit (Mandatory)</b></p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; text-align: center;">If yes, please specify</td> <td style="width: 40%; text-align: center;">No</td> </tr> <tr> <td>trolley dimensions (W x D x H):</td> <td style="text-align: right;">mm</td> </tr> <tr> <td>maximum trolley with material weight:</td> <td style="text-align: right;">Kg</td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Option 1: Unit is to be WITHOUT base to directly push in trolley (Client finished flooring)         </td> </tr> <tr> <td colspan="2"> <input type="checkbox"/> Option 2: Unit is with base and add-on ramps (for unlevelled floors in between room)         </td> </tr> </table>	If yes, please specify	No	trolley dimensions (W x D x H):	mm	maximum trolley with material weight:	Kg	<input type="checkbox"/> Option 1: Unit is to be WITHOUT base to directly push in trolley (Client finished flooring)		<input type="checkbox"/> Option 2: Unit is with base and add-on ramps (for unlevelled floors in between room)	
If yes, please specify	No										
trolley dimensions (W x D x H):	mm										
maximum trolley with material weight:	Kg										
<input type="checkbox"/> Option 1: Unit is to be WITHOUT base to directly push in trolley (Client finished flooring)											
<input type="checkbox"/> Option 2: Unit is with base and add-on ramps (for unlevelled floors in between room)											

<p><b>29. Operational sequence</b></p>	<p><input type="checkbox"/> One-Way</p> <p><input type="checkbox"/> Two-Way One-Way</p> <p><input type="checkbox"/> Two-Way</p> <p style="text-align: right;"><b>For more info, please scan <a href="#">EAS webpage</a>:</b></p> 
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**DOOR**

<p><b>30. Door Types</b></p>	<p><input type="checkbox"/> A &amp; B series: Single leaf</p> <p><input type="checkbox"/> C series: Double leaf</p>
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<p><b>31. Door Options*</b></p>	<p><input type="checkbox"/> Self-closing Manual Swing Door (Standard)</p> <p><input type="checkbox"/> Vertical Shutter Door</p> <p><input type="checkbox"/> Auto Swing Door</p> <p><input type="checkbox"/> Auto Sliding Door</p>
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**32. Optional Exit Directions\***

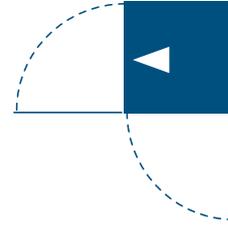
Straight Through (Standard)



L-Shaped

Turn Left

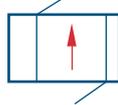
Turn Right



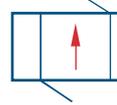
**33. Door Direction Options**

EAS/EAS-EUS A series :  
Please select one

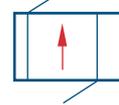
1.



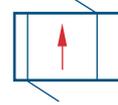
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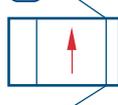
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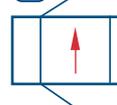
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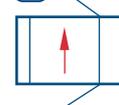
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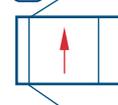
6.



7.

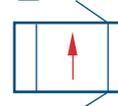


8.

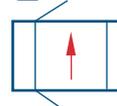


EAS/EAS-EUS B series :  
Please select one

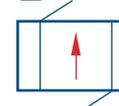
1.



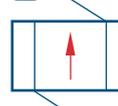
2.



3.



4.



EAS/EAS-EUS C series :  
N/A

**MATERIAL OF CONSTRUCTION**

**34. External Construction\***

- A: White powder-coated EG Steel (Standard)
- B: Stainless steel 304
- C: Stainless steel 316L

**35. Internal Construction\***

- A: White powder-coated EG Steel (Standard)
- B: Stainless steel 304
- C: Stainless steel 316L

## ELECTRICAL & CONTROLS

### 37. Voltage Assembly\*

*Note: Customer must provide isolator switch on site.*

#### EAS models

- 1: 220-240V, AC, 50Hz, 1Ø
- 2: 110-130V, AC, 60Hz, 1Ø
- 3: 220-240V, AC, 60Hz, 1Ø

#### EAS-EUS models

- 8: 220-240V, AC, 50/60Hz, 1Ø
- 9: 110-130V, AC, 50/60Hz, 1Ø

### 38. Controls, Blowers & Filtration System\*

- Option A: (Standard)
  - Sentinel™ Microprocessor Controller
  - Light Indicator and Emergency Switches
  - G4 Disposable and non-washable polyester fibers Pre-filter
  - HEPA (H14) Main Filter
  - Stainless steel Nozzles
  - EBM EC Blower

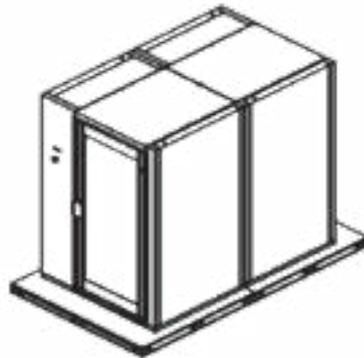
- Custom:

### 39. Optional Accessories

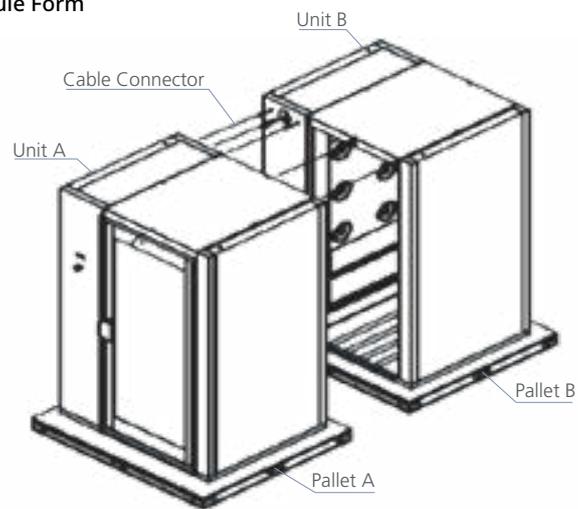
- 01: Stainless steel Ramp
- 02: Additional Emergency Stop Button internal  
*(Standard EAS has E-stop buttons located external to the unit)*
- 03: Door release button  
*Button has to be pressed before the EAS doors can be unlocked and pulled*
- 04: Pressure Gauge (for analog display of DP across filter)
- 05: Barriers (for custom Air Tunnel units)

40. Modes of Shipment

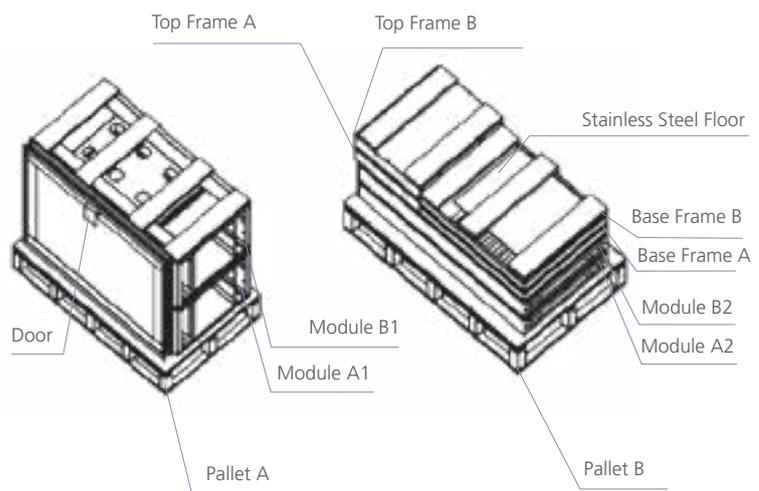
Assembled



Module Form



Unassemble



**Important:** Save the completed PDF form (use menu File - Save).