

VENTILATED BALANCE ENCLOSURE QUESTIONNAIRE



DATE:

**Fields required to be filled out*

I. ABOUT YOUR COMPANY

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
- Chemicals
- Food
- Soap and Detergents
- Cosmetics
- Paint
- 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. Exposure Level* <i>Note: VBE unit can provide operator protection and is designed for handling non-sterile hazardous/potent powders and drugs.</i>	<input type="checkbox"/> OEB 3 (>10 - ≤ 100 µg/m ³) <input type="checkbox"/> OEB 4 (>1 - ≤ 10 µg/m ³) Please confirm if a surrogate powder test* (chargeable) is required Yes, include as add-on No <i>*Note, this is not included as a standard test</i>
22. 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 <input type="checkbox"/> Others, please specify: _____

III. VENTILATED BALANCE ENCLOSURE SPECIFICATION

*Fields required to be filled out

23. Enclosure* (Internal Width)	<input type="checkbox"/> 2 ft (610 mm) <input type="checkbox"/> 6 ft (1830 mm) <input type="checkbox"/> 3 ft (915 mm) <input type="checkbox"/> 7 ft (2135 mm) <input type="checkbox"/> 4 ft (1220 mm) <input type="checkbox"/> 8 ft (2440 mm) <input type="checkbox"/> 5 ft (1525 mm)
24. Configuration (Internal Depth x Height)	<input type="checkbox"/> A: Standard (D 555 x H 650 mm) <input type="checkbox"/> C: Tall & Deep (D 705 x H 955 mm) <input type="checkbox"/> B: Tall (D 555 x H 955 mm)
25. Electrical Code*	<input type="checkbox"/> 100V 50/60Hz <input type="checkbox"/> 115V 50/60Hz <input type="checkbox"/> 230V 50/60Hz
26. Enclosure Module	<input type="checkbox"/> Series 01: Without Filter and Blower <input type="checkbox"/> Series 03: With Filter and Blower (Standard) <input type="checkbox"/> Series 02: With Filter

27. Filter Module on Enclosure (Standard H14 exhaust filter)

Note: Applicable for series 02 and 03 enclosure modules

S: Single Filtration, Bag-In Bag Out (Standard)

D: Double Filtration, Bag-In Bag-Out

28. Exhaust Type

A: Ducted (Standard)

B: Ductless

C: Portable Duct

Note: Additional space is required in the room where VBE will be placed in.

IV. OPTION AND ACCESSORIES

**Fields required to be filled out*

29. Worktop

Note: For VBE with custom add-on support stand w/ drum access option, kindly select from solid epoxy or stainless 316L worktop

Yes

Solid Epoxy

Stainless Steel 316L

Granite

(To reduce vibration especially for weighing processes. Note, please confirm the floor load capacity/ elevator load capacity.)

No

30. Granite Slab

Yes

(Can be placed on the top of stainless steel 316L to lessen vibration)

Please specify the required dimension(s):

Please specify mg/mcg weigh balance readability:

Please specify the root mean square (RMS) vibration acceptable:

Please specify the floor load/elevator capacity:

No

31. Base

Yes

Support Stand

Cabinet Type

Support Stand with Drum Access

Note, this option is only available for VBE-5C, VBE-6C, VBE-7C and VBE-8C Deep Enclosures (Customized units).

No

32. Base Footing

Yes

Caster Wheel

Levelling Feet

No

33. Carbon Filters for Reagents & Volatile Organic Compounds (VOCs)

- | | |
|--|---|
| <input type="checkbox"/> No Carbon Filter (Standard) | <input type="checkbox"/> Code F: Aldehyde Filter |
| <input type="checkbox"/> Code A: Organic Filter | <input type="checkbox"/> Code G: Ammonia/Amine Filter |
| <input type="checkbox"/> Code B: Acid Filter | <input type="checkbox"/> Code H: Chloroform/Ethers Filter |
| <input type="checkbox"/> Code C: Mercury Filter | |
| <input type="checkbox"/> Code D: Sulphur Filter | |

34. Ceiling height

Please specify:

Note: The recommended gap from the top of VBE to the ceiling is 200 mm for ducted unit and 300 mm for ductless VBE.

35. Other options

(Please tick what is applicable/required)

- | |
|--|
| <input type="checkbox"/> Electrical outlet (Qty: _____ Current rating: _____) |
| <input type="checkbox"/> Pressure gauge for DP across H14 filter |
| <input type="checkbox"/> RH/Temperature sensor with LCD display |

Note: As standard, VBE is already equipped with Sentinel XL microprocessor controller with airflow monitoring

Note: optional add-ons above will not be included if unticked

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