



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia Purchase Order

Order Date: 04-16-2025

CORRECT ORDER NUMBER MUST APPEAR
ON ALL PACKAGES, INVOICES, AND
SHIPPING PAPERS. QUESTIONS
CONCERNING THIS ORDER SHOULD BE
DIRECTED TO THE DEPARTMENT
CONTACT.

Order Number:	CPO 1400 1400 AGR2500000012 1	Change Order No:	Procurement Folder:	1509802
Document Name:	BIOLOGICAL SAFETY CABINETS - MOOREFIELD		Reason for Modification:	
Document Description:	Biological Safety Cabinets - Moorefield			
Procurement Type:	Central Purchase Order			
Buyer Name:	Larry D McDonnell			
Telephone:	304-558-2063			
Email:	larry.d.mcdonnell@wv.gov			
Shipping Method:	Best Way		Effective Start Date:	
Free on Board:	FOB Dest, Freight Prepaid		Effective End Date:	

VENDOR	DEPARTMENT CONTACT																				
Vendor Customer Code: 000000117961 THOMAS SCIENTIFIC HOLDINGS LLC PO BOX 99 SWEDESBORO NJ 99999 US Vendor Contact Phone: 999-999-9999 Extension: Discount Details: <table><thead><tr><th></th><th>Discount Allowed</th><th>Discount Percentage</th><th>Discount Days</th></tr></thead><tbody><tr><td>#1</td><td>No</td><td>0.0000</td><td>0</td></tr><tr><td>#2</td><td>Not Entered</td><td></td><td></td></tr><tr><td>#3</td><td>Not Entered</td><td></td><td></td></tr><tr><td>#4</td><td>Not Entered</td><td></td><td></td></tr></tbody></table>		Discount Allowed	Discount Percentage	Discount Days	#1	No	0.0000	0	#2	Not Entered			#3	Not Entered			#4	Not Entered			Requestor Name: Laryssa D Hoskins Requestor Phone: 304-558-2221 Requestor Email: lhoskins@wvda.us 2025 FILE LOCATION _____
	Discount Allowed	Discount Percentage	Discount Days																		
#1	No	0.0000	0																		
#2	Not Entered																				
#3	Not Entered																				
#4	Not Entered																				

INVOICE TO	SHIP TO
PROCUREMENT OFFICER 304-558-2221 AGRICULTURE DEPARTMENT OF ADMINISTRATIVE SERVICES 1900 KANAWHA BLVD E CHARLESTON WV 25305-0173 US	AUTHORIZED RECEIVER 304-538-2397 AGRICULTURE DEPARTMENT OF MOOREFIELD FIELD OFFICE 60B INDUSTRIAL PARK RD MOOREFIELD WV 26836-0302 US

CR 4-17-25

Total Order Amount:

\$58,585.67

Purchasing Division's File Copy

PURCHASING DIVISION AUTHORIZATION DATE: <u>Tuna 4/17/25</u> ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM DATE: <u>4/22/25</u> ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION DATE: <u>4-22-25</u> ELECTRONIC SIGNATURE ON FILE
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Extended Description:

The vendor, Thomas Scientific Holdings, LLC, agrees to enter with the agency, West Virginia Department of Agriculture into a one-time purchase for Biological Safety Cabinets, per the bid requirements, terms and conditions, specifications, Addendum 01 published on 04/02/2025, and the vendor's bid dated 04/04/2025, incorporated herein by reference, and made a part of hereof.

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	41103517	1.00000	EA	58585.670000	58585.67
Service From	Service To	Manufacturer	Model No		

Commodity Line Description: Total Overall Cost for Biological Safety Cabinets

Extended Description:

See attached documentation for further details.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

☐ **Term Contract**

Initial Contract Term: The Initial Contract Term will be for a period of _____. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

☐ **Alternate Renewal Term** – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

☐ **Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

☐ **Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

☐ the contract will continue for _____ years;

☐ the contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

☒ **One-Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

☐ **Construction/Project Oversight:** This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

☐ **Other:** Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

☐ **Open End Contract:** Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

☐ **Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

☐ **Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

☒ **One-Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

☐ **Construction:** This Contract is for construction activity more fully defined in the specifications.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

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The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

☒ **Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☒ **Automobile Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of: _____ per occurrence.

☐ **Cyber Liability Insurance** in an amount of: _____ per occurrence.

☐ **Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

☐ **Pollution Insurance** in an amount of: _____ per occurrence.

☐ **Aircraft Liability** in an amount of: _____ per occurrence.

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9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

☐ _____ for _____.

☐ Liquidated Damages Contained in the Specifications.

☒ Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in www.state.wv.us/admin/purchase/privacy.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. NO DEBT CERTIFICATION: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

☒ Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

☐ Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open hearth, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Ava Benasutti, State and Local Government Specialist

(Address) 1654 High Hill Rd, Swedesboro, NJ 08085

(Phone Number) / (Fax Number) 610-295-2415 / 856-467-3087

(email address) ava.benasutti@thomassci.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Thomas Scientific, LLC
(Company) Ty Tipton

(Signature of Authorized Representative)
Ty Tipton, Director National Inside Sales, 4/2/2025

(Printed Name and Title of Authorized Representative) (Date)
833-544-7447 / 856-467-3087

(Phone Number) (Fax Number)
quotes@thomassci.com
(Email Address)

REQUEST FOR QUOTATION
Biological Safety Cabinets
CRFQ AGR25*17

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Agriculture-Moorefield Animal Health located at 60-B Moorefield Industrial Road, Moorefield, WV 26836 to establish a contract for the one-time purchase and assembly of Biological Safety Cabinets to replace existing units, as more fully described in these specifications.
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item”** means Biological Safety Cabinets as more fully described by these specifications.
 - 2.2 **“Pricing Page”** means the pages attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
3. **GENERAL REQUIREMENTS:**
 - 3.1 **Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.
 - 3.1.1 **Biological Safety Cabinets Class II A2**
 - 3.1.1.1 Biological Safety Cabinets must be a 4-foot Class II A2. Class II, type A2 Biosafety Cabinet provides personnel, product, and environmental protection through filtered air, laminar or unidirectional air, and a motor blower. The exhaust airflow of the A2 type safety cabinet is discharged back to the room after high-efficiency filtration.
 - 3.1.1.2 Biological Safety Cabinets must be National Sanitation Foundation (NSF) Listed for NSF Standard Number 49. Vendor will need to provide documentation upon request.
 - 3.1.1.3 Biological Safety Cabinets must provide personnel, product, and environmental protection from hazardous particulates such as agents that require Biosafety Level 1, 2 or 3 contaminants.

REQUEST FOR QUOTATION
Biological Safety Cabinets
CRFQ AGR25*17

- 3.1.1.4** Class II Biosafety Cabinets must have high-efficiency particulate air (HEPA)-filtered, vertical, unidirectional airflow within the work area and have a front access opening with carefully maintained inward airflow.
- 3.1.1.5** Biological Safety Cabinets must include an adjustable base stand.
- 3.1.1.6** Biological Safety Cabinets power requirements must be North American 110V to 120V.
- 3.1.1.7** Biological Safety Cabinets must have a minimum 8-inch sash opening.
- 3.1.1.8** Biological Safety Cabinet must have maximum width 54.3 inches; maximum depth 31.2 inches; maximum height 63.4 inches.
- 3.1.1.9** Biological Safety Cabinets must have built in UV light, and service fixture.
- 3.1.1.10** Biological Safety Cabinets must be supported by the manufacturer through the availability of replacement parts.
- 3.1.1.11** Biological Safety Cabinets must come with minimum 1-year standard warranty covering parts and labor
- 3.1.1.12** Vendor must provide equipment specification documentation including make and model with bid submission.

3.1.2 Biological Safety Cabinets Class II B2

- 3.1.2.1** Biological Safety Cabinet must be a 4-foot Class II B2. The Class II, type B2 Biosafety Cabinets provide personnel, product and environmental protection from hazardous particulates such as agents that require Biosafety Level 1, 2, or 3 containments. The exhaust airflow of the B2 type safety cabinet is discharged outdoors after high-efficiency filtration.

REQUEST FOR QUOTATION
Biological Safety Cabinets
CRFQ AGR25*17

- 3.1.2.2** Biological Safety Cabinet must be National Sanitation Foundation (NSF) Listed for NSF Standard Number 49. Vendor will need to provide documentation upon request.
- 3.1.2.3** Biological Safety Cabinet must provide personnel, product and environmental protection from hazardous particulates such as agents that require Biosafety Level 1, 2 or 3 contaminants.
- 3.1.2.4** Class II Biosafety Cabinets must have high-efficiency particulate air (HEPA)-filtered, vertical, unidirectional airflow within the work area and have a front access opening with carefully maintained inward airflow.
- 3.1.2.5** Biological Safety Cabinet must include an adjustable base stand.
- 3.1.2.6** Biological Safety Cabinet electrical requirements must be North American 110V to 120V.
- 3.1.2.7** Biological Safety Cabinet must have a minimum 8-inch height sash opening.
- 3.1.2.8** Biological Safety Cabinet must have maximum width 54.3 inches; maximum depth 31.2 inches; maximum height 72.6 inches.
- 3.1.2.9** Biological Safety Cabinet must have built in UV light, and service fixture.
- 3.1.2.10** Biological Safety Cabinet must come with a compatible Dry Contact Relay Kit.
- 3.1.2.11** Biological Safety Cabinet must be supported by the manufacturer through the availability of replacement parts.
- 3.1.2.12** Biological Safety Cabinets must come with minimum 1-year standard warranty covering parts and labor
- 3.1.2.13** Vendor should provide equipment specification documentation including make and model with bid submission.

REQUEST FOR QUOTATION
Biological Safety Cabinets
CRFQ AGR25*17

3.1.3 Assembly

3.1.3.1 Non-mechanical installation (assemble on site and set in place) of (3) 4-foot A2 and (1) 4-foot B2 Biological Safety Cabinets with adequate hallway/doorway clearance of minimum 79” height, 34.5” width.

3.1.3.2 Any needed duct work and power supply modifications to make units operational will be responsibility of agency, not the vendor

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

4.2 Pricing Page: Vendor should complete Exhibit A Pricing Page to include the Catalog Number, along with the Unit Price and Extended Amount. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. If contract items 3.1.2.10 and 3.1.3 are not priced separately from contract items 3.1.1 and 3.1.2, please note ‘Included’ or ‘\$0.00’ under the Extended Amount.

Vendor should complete Exhibit A pricing page in full as failure to complete Exhibit A pricing page in its entirety may result in Vendor’s bid being disqualified.

Vendor should type the information into the Pricing Page to prevent errors in the evaluation.

Vendor should only enter total overall costs in wvOASIS. Total overall cost in wvOASIS must match total overall costs as listed in Exhibit A pricing page.

5. PAYMENT:

5.1 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

REQUEST FOR QUOTATION
Biological Safety Cabinets
CRFQ AGR25*17

6. DELIVERY AND RETURN:

- 6.1 Shipment and Delivery:** Vendor shall ship the Contract Items after being awarded this Contract and receiving a notice to proceed. Vendor shall deliver the Contract Items within 40 working days after receiving a purchase order or notice to proceed. Contract Items must be delivered to Agency at:

WV Department of Agriculture-Animal Health
60-B Moorefield Industrial Park
Moorefield, WV 26836

- 6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party.

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 Delivery Payment/Risk of Loss:** Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery.
- 6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

**REQUEST FOR QUOTATION
Biological Safety Cabinets
CRFQ AGR25*17**

7. VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this Contract.

- 7.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2** Failure to comply with other specifications and requirements contained herein.
- 7.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4** Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

- 7.2.1** Immediate cancellation of the Contract.
- 7.2.2** Immediate cancellation of one or more release orders issued under this Contract.
- 7.2.3** Any other remedies available in law or equity.

EXHIBIT A - PRICING PAGE
Biological Safety Cabinets
CRFQ AGR25*17

Section	Catalog Number	Product Description	Quantity	Unit Price	Extended Amount
3.1.1	302411102	4-foot (width opening) Biological Safety Cabinets Class II A2	3	\$ 13,167.97	\$39,503.91
3.1.2	303481102	4-foot (width opening) Biological Safety Cabinets Class II B2	1	\$ 19,081.76	\$19,081.76
3.1.2.10		Dry contact relay kit	1		\$0.00
3.1.3		Assembly	1		\$0.00
		Failure to use this form may result in disqualification	TOTAL OVERALL COST		\$58,585.67
		Bidder / Vendor Information			
Name:	Thomas Scientific, LLC				
Address:	1654 High Hill Road				
	Swedesboro, NJ 08085				
Phone:	833-544-7447				
Email Address:	quotes@thomassci.com				
Authorized Signature:	<i>Ty Tipton</i>				



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Laboratory

Proc Folder: 1509802	Reason for Modification: To post Addendum 01.		
Doc Description: Biological Safety Cabinets - Moorefield			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2025-04-02	2025-04-08 13:30	CRFQ 1400 AGR2500000017	2

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code:

Vendor Name :

Address :

Street :

City :

State :

Country :

Zip :

Principal Contact :

Vendor Contact Phone:

Extension:

FOR INFORMATION CONTACT THE BUYER

Larry D McDonnell
304-558-2063
larry.d.mcdonnell@wv.gov

**Vendor
Signature X**

FEIN#

DATE

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum 01

To post answers to vendor questions.

Bid opening date and time still remains 04/08/2025 at 1:30PM EST/EDT

No other changes

INVOICE TOAGRICULTURE
DEPARTMENT OF
ADMINISTRATIVE SERVICES
1900 KANAWHA BLVD E
CHARLESTON WV
US**SHIP TO**AGRICULTURE
DEPARTMENT OF
MOOREFIELD FIELD OFFICE
60B INDUSTRIAL PARK RD
MOOREFIELD WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Total Overall Cost for Biological Safety Cabinets	1.00000	EA		

Comm Code**Manufacturer****Specification****Model #**

41103517

Extended Description:

See attached documentation for further details.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor questions due by 2:00PM EST/EDT	2025-03-31

SOLICITATION NUMBER: CRFQ AGR25*17

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- ☐ Modify bid opening date and time
- ☐ Modify specifications of product or service being sought
- ☒ Attachment of vendor questions and responses
- ☐ Attachment of pre-bid sign-in sheet
- ☐ Correction of error
- ☐ Other

Description of Modification to Solicitation:

To post answers to vendor questions.

Bid opening date and time still remains 04/08/2025 at 1:30PM EST/EDT

No other changes

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Vendor Questions and Answers

CRFQ AGR25*17 - Biological Safety Cabinets

Q1: Does the delivery require a Liftgate?

A1. A Liftgate would be needed, but we have a forklift on site.

Q2: The solicitation states - Biological Safety Cabinet must have maximum width 54.3 inches; maximum depth 31.2 inches; maximum height 63.4 inches. I am unsure if this is the outer dimensions or inner. Our cabinets outer dimensions are 52.8*33.5*55.1 and the internal dimensions are 48*24*26 and I am unsure if this will meet the criteria stated.

A2. Please see 3.1.1.8 in specs. Measurements are outer dimensions.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ AGR25*17

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Thomas Scientific, LLC

Company

Ty Tipton

Authorized Signature

4/4/2025

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

Logic® Class II, Type A2 Biosafety Cabinets

Features & Benefits

Class II Airflow

Provides Personnel, Product, and Environmental protection from hazardous pathogens and particles.

Type A2

- Approximately 70% Recirculated, 30% Exhausted
- Recirculating or Canopy Ducted

NSF 49 Listed

Each Labconco Class II BSC exceeds globally recognized performance and construction requirements.

Unitized Construction

A welded 304 stainless steel cabinet hull, dished work surface, and solid steel plenum are built to last.

Long-Life HEPA Filters

Dual filters are 99.99+% efficient (at 0.3 microns), providing ISO Class 5 or better air.

Sustainable Design

Each cabinet is constructed with more than 70% recycled materials. An ECM motor and LED lighting consume as little as 150 watts.

Inclination Technology

A sloped sash, curved airfoil that functions as armrest, large working area, and eye-level display maximize comfort.

Logic OS

Conveniently displays all cabinet information on a bright 5" line-of-sight touchscreen.

Constant Airflow Profile™ (CAP)

Continuously monitors and maintains safe inflow and downflow to protect users and samples.

Advanced ECM Blower

Combined with CAP™ technology, reduces energy consumption and noise, improving user comfort and safety.

Mag-Zone™ Area

Unique storage area organizes your BSC and improves cleanability. Holds multiple accessories for pipettes, biohazard waste, and more.

Effortless Disinfection

304 stainless steel interior withstands routine disinfection. Covered corners and dished work surface are easily cleanable.



Logic OS Information Center



Touchscreen Display

Large 5" screen clearly visualizes cabinet conditions for effortless monitoring of cabinet behaviors.

Filter Life Indicator

Accurately displays remaining HEPA filter life. Alerts users at 20% and 10% before alarming at 0%.

Airflow Status

Displays current status of airflow within cabinet for consistent confirmation of safety.

Smart-Start™

Automatically start and stop your cabinet blower and lights by simply moving the sash.

Night-Smart™

Keeps the cabinet interior clean between uses with minimal energy use.

Alerts & Alarms

Large, clear visual and audible signals notify users of unsafe cabinet conditions.

User Convenience

Logic OS includes a programmable experiment and UV light timer, data logging and a full certification menu.

Data Logging & Connectivity

Export system data logs and records via USB, or connect to Logic OS remotely for 24/7 cabinet monitoring with Remote Communication Board accessory.

Logic® Class II, Type A2 Biosafety Cabinets

Ordering Information

Catalog Number Configurator:

Use this key to configure the nine digit catalog number to order your Logic or Cell Logic Class II, Type A2 Biosafety Cabinet.

3 2

Select **CELL LOGIC PACKAGE(S)**. This is the second digit of your catalog number.

0 = None

2 = Temp-Zone. Fifth digit is 9 and sixth digit is 1

3 = Scope-Ready. Fifth digit is 9 and sixth digit is 1

4 = Temp-Zone and Scope-Ready. Fifth digit is 9 and sixth digit is 1

Select the **WIDTH** of your cabinet. This is the fourth digit of your catalog number.

3 = 3' **4** = 4' **5** = 5' **6** = 6'

Select the **SASH OPENING HEIGHT**. This is the fifth digit of your catalog number.

1 = 10" (25.4 cm) **2** = 12" (30.5 cm)

8 = 8" (20.3 cm) **9** = 9" (22.9 cm) - Cell Logic only

Select the **ACCESSORY PACKAGE** option. This is the sixth digit of your catalog number.

0 = None

1 = Includes factory-installed right-side service fixture, UV lamp and a Vacu-Pass™ Cord & Cable Portal on each side. Package standard on all Cell Logic models.

Select the **TELESCOPING BASE STAND** option. This is the seventh digit of your catalog number.

0 = None

1 = Included

Select the **ELECTRICAL CONFIGURATION** and **PLUG TYPE**. These are the eighth and ninth digits of your catalog number.

02 = 115V, 15/20A, 60 Hz, with plug for North America

12 = 230V, 50/60 Hz, with plug for North America

22 = 100V, 15/20A, 50/60 Hz, with plug for Japan

32 = 230V, 50/60 Hz, with Schuko plug

42 = 230V, 50/60 Hz, with plug for China/Australia

52 = 230V, 50/60 Hz, with plug for Great Britain (UK)

72 = 230V, 50/60 Hz, with plug for India

Plug Configurations



115V, 15A
for North America
100V, 15A for Japan
(3' and 4' widths)



115V, 20A
for North America
100V, 20A for Japan
(5' and 6' widths)



230V
for North America



230V
Schuko



230V
for China/Australia



230V
for Great Britain (UK)



230V
for India

Technical Specifications

Nominal Width	Energy Requirements*		Watts				Shipping Weight	Shipping Weight with Stand
	100V or 115V	230V	8"	9"	10"	12"		
3'	12A	6A	150	158	165	195	621 lbs. (282 kg)	697 lbs. (316 kg)
4'	12A	6A	180	193	205	240	725 lbs. (329 kg)	808 lbs. (367 kg)
5'	16A	8A	205	238	270	340	862 lbs. (391 kg)	953 lbs. (432 kg)
6'	16A	8A	350	385	420	490	992 lbs. (450 kg)	1091 lbs. (495 kg)

* Dedicated, non-GFI outlet required. Acceptable voltage range +/-10% nominal value.

Logic® Class II, Type A2 Biosafety Cabinets

Specifications



All models feature:

- Long-life DC Electronically Commutated Motor (ECM)
- * Constant Airflow Profile™ (CAP) airflow monitoring system
- * BalanceFlow™ plenum provides energy-efficiency and ultra-quiet operation*
- * Easy clean top cover that promotes even exhaust airflow from the top cover
- * Mag-Zone™ area on interior right side manages storage challenges with Labconco Magnetic Mag-Zone accessories
- Intrinsically-safe negative pressure design
- Fully scannable 99.99+% supply and exhaust HEPA filters. 99.999% efficient ULPA filters or H14 HEPA filters also available
- * Logic OS and 5" interior-mounted, line-of-sight touchscreen information center with:
 - Smart-Start™ System allows user-to start up and shut down cabinet functions by raising and lowering the sash
 - Night-Smart™ System for idling the blower when the sash is fully closed
 - Full operational maintenance and certification logs for detailed record keeping
 - Status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 10% before alarming at 0%
 - Interval/elapsed timer for experiment monitoring
 - UV light timer (on models with UV)
 - Password protection for cabinet settings
 - 8 Languages
- Bright, glare-free LED lighting up to 180 foot-candles (1937 lux). Located outside the contaminated work area
- * Curved, stainless steel inlet grill with waterfall design and Reserve-Air™ Secondary Airflow Slots
- * Air-Wave™ Entry System at access opening to enhance containment
- * Contain-Air™ Negative Pressure Channel at top of sash to enhance containment
- * Two electrical outlets. Flush mounted stainless steel cover with dampened hinges
 - 115V GFCI, double receptacles, maximum amperage draw 5A
 - 230V, single receptacles, maximum amperage draw 3A
- 10° angled, fully closing sash. 1/4" tempered safety glass with counterbalanced, anti-racking, easy-to-lift mechanism
- Unitized, pressure tested stainless steel interior. Optic White epoxy-coated steel exterior
- Removable towel catch located under work surface
- 8", 10", or 12" (20.3, 25.4, or 30.5 cm) working sash height
- * 22.5" (57 cm) max. sash opening & 27.0" (69 cm) viewing height
- Removable, seamless type 304 stainless steel, dished work surface with lift out knobs
- Nominal inflow velocity of 105 fpm (0.53 m/sec)
- Nominal downflow velocity of 55 fpm (0.28 m/sec). 6' x 12" sash models nominal downflow velocity of 50 fpm (0.25 m/s)
- Approximately 70% air recirculation
- Noise level 60 dB (4ft 10" model)
- 10' (3 m) power cord with plug
- Six year warranty

Models conform to the following standards:

- NSF/ANSI Standard 49 listed
- NSF/ANSI 49 compliant (Cell Logic models)
- ISO Class 5 (Grade A) per ISO 14644-1
- UL Standard 61010-1
- CAN/CSA 22.2 No. 61010-1
- CE/UKCA Mark (230V models)
- * ADA-compliant

Options include:

- Unassembled, NSF-approved, epoxy-coated steel non-welded telescoping base stand with leveling feet
- Accessory Package: UV lamp (254 nm), right-side service fixture with ball-type valve and right and left-side Vacu-Pass™ Cord & Cable Portal
- Ventus™ II Canopy Connection: See page 37
- Cell Logic Packages: See page 35

All models require (not included):

- Supporting base if non-welded stand option is not selected

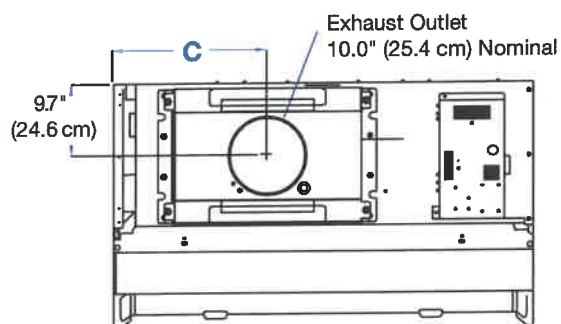
* Labconco exclusive feature

*U.S. Patent Pending

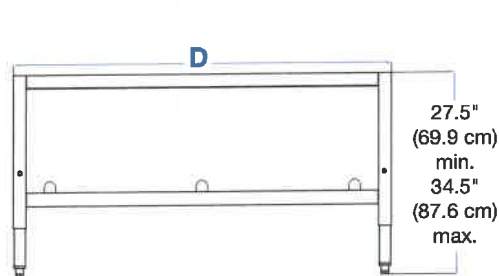
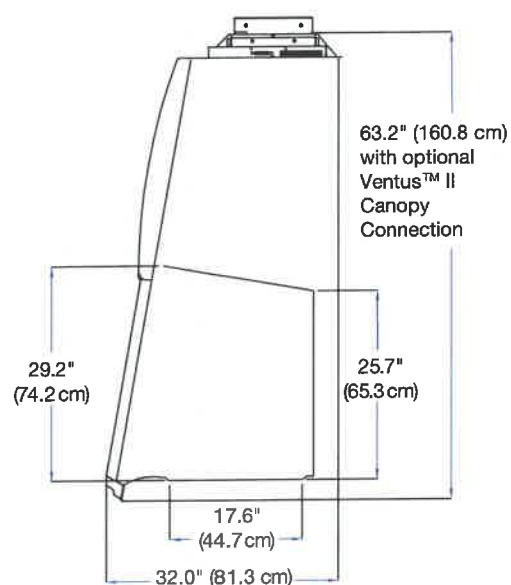
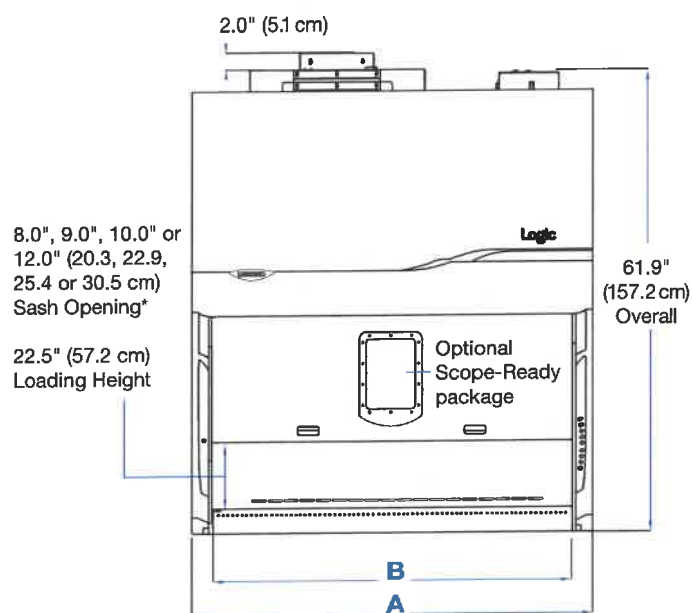


Logic® Class II, Type A2 Biosafety Cabinets

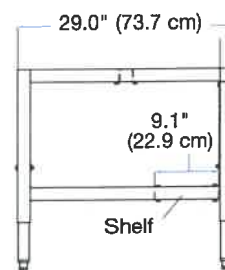
Dimensional Data



Nominal Width	A	B	C	D
3'	42.4" (107.7 cm)	36.5" (92.7 cm)	14.5" (36.8 cm)	38.5" (97.8 cm)
4'	54.4" (138.2 cm)	48.5" (123.2 cm)	19.9" (50.5 cm)	50.5" (128.3 cm)
5'	66.4" (168.7 cm)	60.5" (153.7 cm)	26.8" (68.1 cm)	62.5" (158.8 cm)
6'	78.4" (199.1 cm)	72.5" (184.2 cm)	32.9" (83.6 cm)	74.5" (189.2 cm)



FRONT



SIDE

*Sash opening working height varies. All Cell Logic Class II, Type A2's have a 9.0" working height. Remaining models have either an 8.0", 10.0" or 12.0" working height.

Logic® Class II, Type B2 Biosafety Cabinets

Features & Benefits

Class II Airflow

Provides Personnel, Product, and Environmental protection from hazardous pathogens and particles.

Type B2

- 100% Ducted (no recirculation)
- Requires dedicated ductwork and remote blower

NSF 49 Listed

Each Labconco Class II BSC exceeds globally recognized performance and construction requirements.

Unitized Construction

A welded 304 stainless steel cabinet hull, dished work surface, and solid steel plenum are built to last.

Long-Life HEPA Filters

Dual filters are 99.99+% efficient (at 0.3 microns), providing ISO Class 5 or better air.



Logic OS

Conveniently displays all cabinet information on a bright 5" line-of-sight touchscreen center.

Seamless Exhaust

Integrated board ensures easy communication between cabinet and remote blower. Software directly communicates with Labconco Spectrum Blower.

Advanced ECM Blower

Combined with CAP™ technology, reduces energy consumption and noise, improving user comfort and safety.

Mag-Zone™ Area

Unique storage area organizes your BSC and improves cleanability. Holds multiple available accessories for pipettes, biohazard waste, and more.

Effortless Disinfection

304 stainless steel interior withstands routine disinfection. Coved corners and dished work surface are easily cleanable.

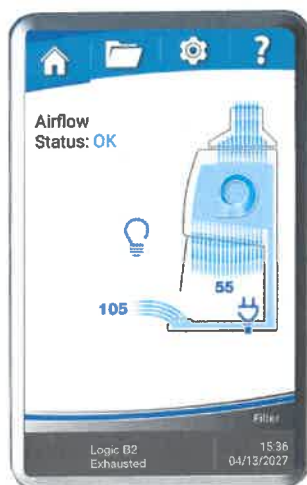
Sustainable Design

Each cabinet is constructed with more than 70% recycled materials. An ECM motor and LED lighting consume as little as 105 watts.

Inclination Technology

A sloped sash, curved airfoil that functions as armrest, large working area, and eye-level display maximize comfort.

Logic OS Information Center



Touchscreen Display

Large 5" screen clearly visualizes cabinet conditions for effortless monitoring of cabinet behaviors.

Filter Life Indicator

Accurately displays remaining HEPA filter life. Alerts users at 20% and 10% before alarming at 0%.

Airflow Status

Displays current status of airflow within cabinet for consistent confirmation of safety. Displays realtime inflow and downflow values.

Smart-Start™

Automatically start and stop your cabinet blower and lights by simply moving the sash.

Alerts & Alarms

Large, clear visual and audible signals notify users of unsafe cabinet conditions.

User Convenience

Logic OS includes a programmable experiment and UV light timer, data logging and a full certification menu.

Data Logging & Connectivity

Export system data logs and records via USB, or connect Logic OS remotely for 24/7 cabinet monitoring.

Logic® Class II, Type B2 Biosafety Cabinets

Ordering Information

Catalog Number Configurator:

Use this key to configure the nine digit catalog number to order your Logic or Cell Logic Class II, Type B2 Biosafety Cabinet.

3 3 8

Select the **CELL LOGIC PACKAGE(S)**. This is the second digit of your catalog number.

- 0 = None
- 2 = Temp-Zone package. Sixth digit is 1
- 3 = Scope-Ready package. Sixth digit is 1
- 4 = Temp-Zone and Scope-Ready packages.
Sixth digit is 1

Select the **WIDTH** of your cabinet. This is the fourth digit of your catalog number.

4 = 4' 6 = 6'

Select the **ACCESSORY PACKAGE** option: This is the sixth digit of your catalog number.

- 0 = None
- 1 = Includes factory-installed right-side service fixture, UV lamp and a Vacu-Pass™ Cord & Cable Portal on each side. Package standard on all Cell Logic models.

Select the **TELESCOPING BASE STAND** option. This is the seventh digit of your catalog number.

- 0 = None
- 1 = Included

Select the **ELECTRICAL CONFIGURATION** and **PLUG TYPE**. These are the eighth and ninth digits of your catalog number.

- 02 = 115V, 15A, 60 Hz, with plug for North America
- 12 = 230V, 50/60 Hz, with plug for North America
- 22 = 100V, 15A, 50/60 Hz, with plug for Japan
- 32 = 230V, 50/60 Hz, with Schuko plug
- 42 = 230V, 50/60 Hz, with plug for China/Australia
- 52 = 230V, 50/60 Hz, with plug for Great Britain (UK)
- 72 = 230V, 50/60 Hz, with plug for India

Plug Configurations



115V, 15A
for North America
100V, 15A for Japan



230V
for North America



230V
Schuko



230V
for China/Australia



230V
for Great Britain (UK)



230V
for India

Exhaust Requirements & Shipping Weights

Nominal Width	Exhaust Volume Initial Static Pressure*	Energy Requirements** (Dedicated, non-GFI outlet required)		Watts	Shipping Weight	Shipping Weight with Stand
		100V or 115V	230V			
4'	818 CFM @ 1.8" w.g.	12A	6A	105	728 lbs. (330 kg)	811 lbs. (368 kg)
6'	1382 CFM @ 2.5" w.g.	12A	6A	359	992 lbs. (450 kg)	1091 lbs. (495 kg)

* Concurrent Balance Values (CBV) obtained via Pitot tube traverse of exhaust duct. 4' units start at 1.8" w.g. and 6' units start at 2.5" w.g. Static pressure will increase as filters load. Design exhaust system to accommodate 3.5-4" w.g. to account for filter loading.

**Acceptable voltage range +/-10% nominal value.

Logic® Class II, Type B2 Biosafety Cabinets

Specifications



All models feature:

- 100% exhausted design for work involving high volumes of volatile chemicals
- * Long-life DC Electronically Commutated Motor (ECM)
- * BalanceFlow™ plenum provides energy-efficiency and ultra-quiet operation.*
- Intrinsically-safe negative pressure design
- * Mag-Zone™ area on interior right side manages storage challenges with Labconco Magnetic Mag-Zone accessories
- * Constant Airflow Profile™ (CAP) airflow monitoring system
- * Air-Wave™ Entry System at access opening to enhance containment
- * Contain-Air™ Negative Pressure Channel at top of sash to enhance containment
- * Includes airflow sensor to display inflow and downflow on display
- 99.99+% efficient supply and exhaust HEPA filters. 99.999% efficient ULPA filters or H14 HEPA filters also available
- Logic OS and 5" interior-mounted, line-of-sight touchscreen information center with:
 - Smart-Start™ System allows user to start up and shut down cabinet functions by raising and lowering the sash
 - Full operational maintenance and certification logs for detailed record keeping
 - Status line for alarm conditions and alerts to warn when filter life diminishes to 20% and 10% before alarming at 0%
 - Interval/elapsed timer for experiment monitoring
 - UV light timer (on models with UV)
 - Password protection for cabinet settings
 - 8 Languages

* Labconco exclusive feature

- Bright, glare-free LED lighting up to 180 foot-candle (1937 lux). Located outside the contaminated work area
- 10° angled, fully closing sash. 1/4" tempered safety glass sash with counterbalanced, anti-racking, easy-to-lift mechanism
- * Curved, stainless steel inlet grill with waterfall design and Reserve-Air™ Secondary Airflow Slots
- Removable, seamless type 304 stainless steel, dished work surface with lift out knobs
- * Two electrical outlets. Flush mounted stainless steel cover with dampened hinges.
 - 115V GFCI, double receptacles, maximum amperage draw 5A.
 - 230V, single receptacles, maximum amperage draw 3A.
- Unitized, pressure tested stainless steel interior. Optic White epoxy-coated steel exterior
- Removable towel catch located under work surface
- 8" (20.3 cm) working sash height
- * 22.5" (57 cm) max. sash opening & 27.0" (69 cm) viewing height
- Airtight damper with 10" (25.4 cm) nominal round connection
- Noise level <67 dBA
- Nominal inflow velocity of 105 fpm (0.53 m/sec)
- Nominal downflow velocity of 55 fpm (0.28 m/sec)
- 10' (3 m) power cord with plug
- Six year warranty

Models conform to the following standards:

- CAN/CSA 22.2 No. 61010-1
- UL Standard 61010-1
- NSF/ANSI Standard 49 listed
- NSF/ANSI 49 compliant (Cell Logic models)
- CE/UKCA Mark (230V models)
- ISO Class 5 (Grade A) per ISO 14644-1
- * ADA-compliant

Options include:

- Unassembled, NSF-approved, epoxy-coated steel, non-welded telescoping base stand with leveling feet
- Accessory Package: UV lamp (254 nm), right-side service fixture with ball-type valve and right and left-side Vacu-Pass™ Cord & Cable Portal
- Cell Logic Packages: See page 35

All models require (not included):

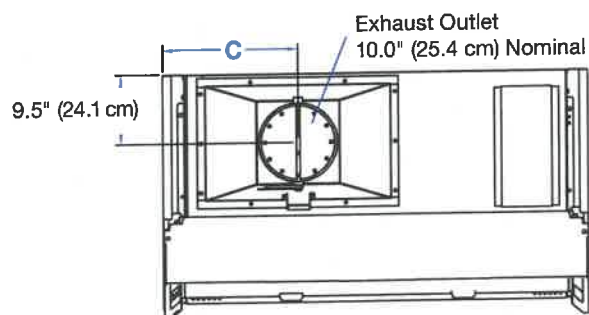
- Dedicated ductwork and remote blower required for each Type B2 BSC per CETA CAG-007: See page 36
- Supporting base if non-welded stand option is not selected

*U.S. Patent Pending



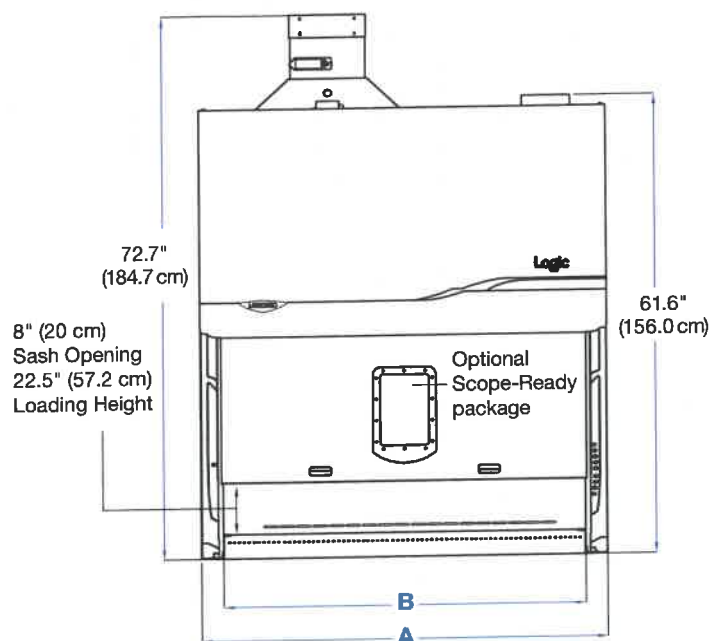
Logic® Class II, Type B2 Biosafety Cabinets

Dimensional Data

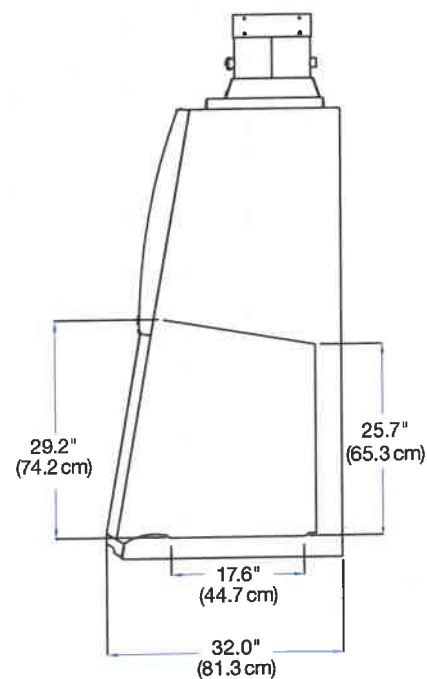


TOP

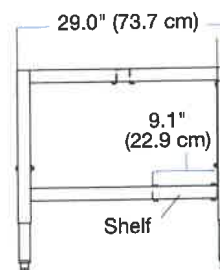
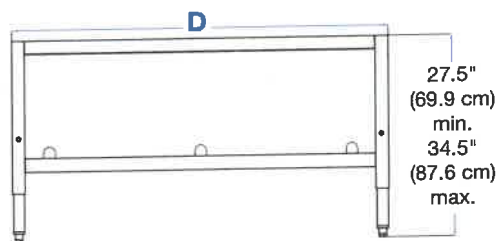
Nominal Width	A	B	C	D
4'	54.3" (137.9 cm)	48.5" (123.2 cm)	17.2" (43.7 cm)	50.5" (128.3 cm)
6'	78.3" (198.9 cm)	72.5" (184.2 cm)	28.2" (71.6 cm)	74.5" (189.2 cm)



FRONT



SIDE



*Loading height with Bag-In/Bag-out Package is 11.7" (29.7 cm).