

## Labconco\* XPert\* Filtered Balance Systems

**Description** • Deep 23.4 or 30 in. interior to accommodate large micro and analytical balances

- Ergonomic air foil with aerodynamic Clean-Sweep\* airflow openings
- Upper dilution air supply
- Upper containment sash foil
- Zone-perforated, pivoting rear baffle
- Side-entry air foils
- Exhaust HEPA filter, 99.99% efficient on particles 0.3 micron in size (5 and 6 ft. models require two)
- True bag-in/bag-out filter disposal system
- Replacement bag for bag-in/bag out HEPA filter available (5 and 6 ft. models require two)
- Built-in blower with dynamically-balanced, vibration-isolated, motorized impeller and speed control (remote blowers available separately)
- Intrinsically safe, negative pressure design
- Front-mounted pressure gauge helps determine HEPA filter loading
- Space-saving design requires no separate filtered exhaust
- Upper diffuser screen
- Quiet operation from 48 - 69 db(A) depending on airflow and size of enclosure
- Glacier white and gray, powder-coated aluminum frame & steel rear plenum and baffle
- Pre-wired fluorescent lamp and switches for blower and light
- 1/4 in. thick tempered safety glass in front sash and sides
- 9.4 or 12.0 in. high sash opening
- Ergonomic, angled, and hinged sash pivots upward, locks for loading and has a wiping seal to contain contaminants
- Sashes on 5 and 6 ft. models incorporate an external gas-assist lift
- Two utility ports
- Particulate containment independently verified
- Models include choice of LED or digital airflow monitor
- 5 and 6 ft. models with 35.5 in. exterior depth include a left-side mounted waste chute (bags not included); minimum bag size required is 10 x 16 in.
- All listed models below are 115V, 60 Hz (230V models are available with CE Conformity Marking)



| Order        | 26-Apr-2024 00:39: AM PDT                                                                                                                                                                                                                                                                                                                                  |                         | PRICES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. |             |      |            |      |
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| Catalog      | Item                                                                                                                                                                                                                                                                                                                                                       | Availability            | Manufacturer                                       | Mfg. Part # | NDC# | Your Price | Unit |
| 346-27518-EA | 3 ft. XPert Filtered Balance System, Guardian LED Airflow Monitor, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 3<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 36 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 33.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 230<BR> | <a href="#">Sign In</a> | Labconco                                           | 3950301     |      |            | EA   |

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| Catalog      | Item                                                                                                                                                                                                                                                                                                                                                                                    | Availability                                       | Manufacturer | Mfg. Part # | NDC# | Your Price | Unit |
| 346-27644-EA | 3 ft. XPert Filtered Balance System, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 3<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 36 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 33.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 225<BR>                                                                    |                                                    | Labconco     | 3950300     |      |            | EA   |
| 346-28199-EA | 2 ft. XPert Filtered Balance System with Guardian Digital Monitor, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 2<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 24 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 21.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 180<BR>                     |                                                    | Labconco     | 3950202     |      |            | EA   |
| 346-28202-EA | 3 ft. XPert Filtered Balance System with Guardian Digital Monitor, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 3<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 36 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 33.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 230<BR>                     |                                                    | Labconco     | 3950302     |      |            | EA   |
| 346-28205-EA | 4 ft. XPert Filtered Balance System with Guardian Digital Monitor, 115V, 60Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 48 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 45.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 280<BR>                      |                                                    | Labconco     | 3950402     |      |            | EA   |
| 346-28208-EA | 5 ft. XPert Filtered Balance System with Guardian 1000 Digital Monitor, 29 in. deep, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 5<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 60 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 57.6 x 23.4 x 32<BR>Shipping Weight (lbs): 505<BR> |                                                    | Labconco     | 3950502     |      |            | EA   |
| 346-28211-EA | 5 ft. XPert Filtered Balance System with Guardian LED Monitor, 35.5 in. deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 5<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 60 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 57.6 x 30 x 32<BR>Shipping Weight (lbs): 540<BR>            |                                                    | Labconco     | 3950531     |      |            | EA   |

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| Catalog      | Item                                                                                                                                                                                                                                                                                                                                                                                           | Availability                                       | Manufacturer | Mfg. Part # | NDC# | Your Price | Unit |
| 346-28214-EA | 5 ft. XPert Filtered Balance System with Guardian 1000 Digital Monitor, 35.5 in. deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 5<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 60 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 57.6 x 30 x 32<BR>Shipping Weight (lbs): 540<BR> |                                                    | Labconco     | 3950532     |      |            | EA   |
| 346-28217-EA | 6 ft. XPert Filtered Balance System with Guardian 1000 Digital Monitor, 29 in. deep, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 6<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 72 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 69.6 x 23.4 x 32<BR>Shipping Weight (lbs): 605<BR>        |                                                    | Labconco     | 3950602     |      |            | EA   |
| 346-28220-EA | 6 ft. XPert Filtered Balance System with Guardian LED Monitor, 35.5 in. deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 6<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 72 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 69.6 x 30 x 32<BR>Shipping Weight (lbs): 645<BR>                   |                                                    | Labconco     | 3950631     |      |            | EA   |
| 346-28223-EA | 6 ft. XPert Filtered Balance System with Guardian 1000 Digital Monitor, 35.5 in. deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 6<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 72 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 69.6 x 30 x 32<BR>Shipping Weight (lbs): 645<BR> |                                                    | Labconco     | 3950632     |      |            | EA   |
| 346-29075-EA | 2 ft. XPert Filtered Balance System, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 2<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 24 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 21.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 175<BR>                                                                           |                                                    | Labconco     |             |      |            | EA   |
| 346-29078-EA | 4 ft. XPert Filtered Balance System, Tall/Deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 48 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 45.6 x 30 x 32<BR>Shipping Weight (lbs): 315<BR>                                                         |                                                    | Labconco     |             |      |            | EA   |

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| 346-29081-EA | 4 ft. XPert Filtered Balance System, Tall, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 48 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 45.6 x 23.4 x 32<BR>Shipping Weight (lbs): 285<BR>                               |                                                    | Labconco     |             |      |            | EA   |
| 346-29084-EA | 5 ft. XPert Filtered Balance System, 29 in. deep, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 5<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 60 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 57.6 x 23.4 x 32<BR>Shipping Weight (lbs): 500<BR>                        |                                                    | Labconco     |             |      |            | EA   |
| 346-29087-EA | 5 ft. XPert Filtered Balance System, 35.5 in. deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 5<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 60 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 57.6 x 30 x 32<BR>Shipping Weight (lbs): 535<BR>                 |                                                    | Labconco     |             |      |            | EA   |
| 346-29090-EA | 6 ft. XPert Filtered Balance System, 29 in. deep, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 6<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 72 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 69.6 x 23.4 x 32<BR>Shipping Weight (lbs): 600<BR>                        |                                                    | Labconco     |             |      |            | EA   |
| 346-29093-EA | 6 ft. XPert Filtered Balance System, 35.5 in. deep, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 6<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 72 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 69.6 x 30 x 32<BR>Shipping Weight (lbs): 640<BR>                 |                                                    | Labconco     |             |      |            | EA   |
| 446-27376-EA | 2 ft. XPert Filtered Balance System, Guardian LED Airflow Monitor, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 2<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 24 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 21.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 180<BR> |                                                    | Labconco     | 3950201     |      |            | EA   |

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| 446-27379-EA | 4 ft. XPert Filtered Balance System, Guardian LED Airflow Monitor, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 48 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 45.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 280<BR>                    |                                                    | Labconco     | 3950401     |      |            | EA   |
| 446-27382-EA | 5 ft. XPert Filtered Balance System with Guardian LED Airflow Monitor, 29 in. deep, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 5<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 60 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 57.6 x 23.4 x 32<BR>Shipping Weight (lbs): 505<BR> |                                                    | Labconco     | 3950501     |      |            | EA   |
| 446-27385-EA | 6 ft. XPert Filtered Balance System with Guardian LED Airflow Monitor, 29 in. deep, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 6<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 72 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 69.6 x 23.4 x 32<BR>Shipping Weight (lbs): 605<BR> |                                                    | Labconco     | 3950601     |      |            | EA   |
| 496-50836-EA | 4 ft. XPert Filtered Balance System, Tall, Guardian LED Monitor, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 48 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 45.6 x 23.4 x 32<BR>Shipping Weight (lbs): 290<BR>                    |                                                    | Labconco     | 3950461     |      |            | EA   |
| 496-50839-EA | 4 ft. XPert Filtered Balance System, Tall, Guardian 1000 Digital Monitor, 115V, 60 Hz - 1 ea<br>Tall Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 48 x 29 x 46.3<BR>Interior Dimensions, W x D x H (in.): 45.6 x 23.4 x 32<BR>Shipping Weight (lbs): 290<BR>  |                                                    | Labconco     | 3950462     |      |            | EA   |
| 496-50842-EA | 4 ft. XPert Filtered Balance System, Tall/Deep, Guardian LED Monitor, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian LED<BR>Overall Dimensions, W x D x H (in.): 48 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 45.6 x 30 x 32<BR>Shipping Weight (lbs): 320<BR>          |                                                    | Labconco     | 3950431     |      |            | EA   |

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| Catalog      | Item                                                                                                                                                                                                                                                                                                                                                                                   | Availability                                       | Manufacturer | Mfg. Part # | NDC# | Your Price | Unit |
| 496-50845-EA | 4 ft. XPert Filtered Balance System, Tall/Deep, Guardian 1000 Digital Monitor, 115V, 60 Hz - 1 ea<br>Tall/Deep Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 12<BR>Airflow Monitor: Guardian 1000 Digital<BR>Overall Dimensions, W x D x H (in.): 48 x 35.5 x 46.3<BR>Interior Dimensions, W x D x H (in.): 45.6 x 30 x 32<BR>Shipping Weight (lbs): 320<BR> |                                                    | Labconco     | 3950432     |      |            | EA   |
| 496-50962-EA | 4 ft. XPert Filtered Balance System, 115V, 60 Hz - 1 ea<br>Filtered Balance System<BR>Width (ft.): 4<BR>Sash Opening Height (in.): 9.4<BR>Airflow Monitor: None<BR>Overall Dimensions, W x D x H (in.): 48 x 29 x 37.1<BR>Interior Dimensions, W x D x H (in.): 45.6 x 23.4 x 22.7<BR>Shipping Weight (lbs): 275<BR>                                                                   |                                                    | Labconco     | 3950400     |      |            | EA   |

Video

["Labconco\\* XPert\\* Filtered Balance Systems"](#)