RxPert
FILTERED BALANCE SYSTEMS

RxPert

COMPLIANT
USP ⟨800⟩
C-PEC

LABCONCO

RxPert™ Filtered Balance System

RXPert™ Double Filtered Balance Systems
FEATURES & BENEFITS

Patented* RXPert Double Filtered Balance Systems meet the USP <800>† requirements for non-sterile hazardous compounding. These Class I biological safety cabinets use double HEPA filtration to contain airborne particulates and powders, providing user protection during hazardous drug manipulation. **No outside ducting is required**.

Meet USP <800>† requirements for redundant HEPA filters in series used in non-sterile hazardous compounding.

Static-dissipative powder-coated aluminum frame and steel rear plenum and baffle. No unreliable plastic-to-plastic bonding is used.

Front-mounted pressure gauge helps determine HEPA filter loading.

Tempered safety glass provides better fire, scratch and chemical resistance than acrylic and dissipates static charge.

Patented†† rear baffle with zones of perforations promotes horizontal laminar airflow. The baffle pivots down for cleaning.

Two utility ports with iris openings allow passage of tubing, electrical cords and cables from inside to back exterior for connection to services.

Easy 100% leak-detection scanning of both HEPA filters without altering or removing impellers or filters.

Built-in impeller has vibration-isolation supports to minimize disturbance to sensitive balances.

True bag-in/bag-out HEPA filter disposal system for both filters. Allows for safe filter replacement.

Built-in airflow monitor alerts the user to face velocities outside of preset range.

Upper dilution air supply sweeps clean air to the back of sash to keep contaminants away from the operator.

Ergonomic angled sash for comfortable viewing.

Upper containment sash foil directs contaminants away from the user's breathing zone.

Side-entry air foils allow air to sweep interior surfaces to enhance containment.

Patented†† Clean-Sweep™ air foil allows air to sweep the work surface to maximize containment.

Quiet operation as low as 48 decibels.

Two interior heights available. Enclosures, 2' and 3' wide, are offered with 22.7" interior height. Enclosures 5' and 6' wide, are offered with 32.0" interior height. Enclosures, 4' wide, are available in either depth.

Deep interior easily accommodates large analytical balances. Two interior depths are offered, depending on the model. Enclosures, 2' and 3' wide, are 23.4" deep. Enclosures, 4', 5' and 6' wide, are available with interior depth of 23.4" or 30.0".

Space-saving design. Impeller and HEPA filter are contained within the enclosure's upper plenum for a small overall footprint.

Work surface, on some models, is included. Select the model that fits your application and installation. On some models, a solid epoxy dished work surface is included. Other models include a Type 304 stainless steel work surface. Models without a work surface are also offered.

Intrinsically safe. The positive pressure impeller is surrounded by a negative pressure plenum so that if a leak should develop, the unfiltered air is captured and refiltered.

The 4' RXPert Tall Double Filtered Balance System shown above has a 32.0" interior height.

☑ *Exclusive feature*

RXPert™ Double Filtered Balance Systems

RXPert Filtered Balance System 10830-846 includes the Black Solid Epoxy Dished Work Surface. Telescoping Base Stand 82003-572 is sold separately.

All models feature:

- ⊡ Patented* design.
- ⊡ Deep interior of 23.4" or 30.0" depending on the model.
- ⊡ 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.
- Two exhaust HEPA filters, 99.99% efficient on particles 0.3 micron in size.
- ⊡ Each HEPA filter 100% independently leak-detection scannable without removing impellers or filters.
- True bag-in/bag-out filter disposal system (requires certified technician).
- Built-in blower with dynamically-balanced, vibration-isolated motorized impeller and speed control. Blower has a 40% reserve so that the speed may be adjusted as needed by a certified technician as the filter loads.

- Guardian Airflow Monitor that continuously monitors airflow with a green LED that glows when airflow is within set point range and a red LED that glows and an audible alarm that sounds when airflow is outside set point range.
- Pressure gauge.
- ⊡ Intrinsically safe, negative pressure design.
- Quiet operation (see chart below).
- Glacier white and gray, powder-coated aluminum frame and steel rear plenum and baffle. No unreliable plastic-to-plastic bonding is used.
- Pre-wired fluorescent lamp and switches for blower and light.
- 1/4" thick tempered safety glass front sash and sides.
- Ergonomic angled and hinged, pivoting sash with wiping seal. Sashes on taller 4', 5' and 6' models incorporate an external gas-assist lift.
- Models with 9.4" sash opening height have 16.5" locking height and 19.0" maximum loading height. Models with 12.0" sash opening height have 25.75" locking height and 28.25" maximum loading height.
- Two (1.5") utility ports for pass-through of electrical cords.
- 8' cord included.
- Particulate containment independently verified by SafeBridge Consultants, Inc.
- Validation package available containing balance stability, powder containment and modified ASHRAE 110-1995 Test Reports.

All models conform to the following regulations and standards:

- USP <800> non-sterile compounding**
- SEFA 1-2010
- Modified ASHRAE 110-1995
- ANSI Z9.5-2011
- UL 61010-1
- CAN/CSA C22.2 No. 1010.1

5' and 6' models with 35.5" exterior depth include:

- Left-side mounted waste chute. Bags not included. Minimum bag size required: 10" x 16". See page 10.

Models with stainless steel work surface also include:

- Type 304 stainless steel work surface with front spill trough.

Models with epoxy work surface also include:

- Solid epoxy dished work surface.

All models require:†

- Supporting base. See back cover.

Optional accessories for on-site installation include:

- Canopy Connections. See page 10.
- Remote Blowers. See page 10.
- Waste Chute Stopper and Bags. See page 10.

⊡ *Exclusive feature*

*U.S. Design Patent D538,941   †U.S. Patent 6,461,233
** U.S. Pharmacopeial Convention proposed standard. Publication pending.
† Models without work surface also require a work surface. Contact your VWR representative for ordering information on work surfaces.

Nominal Width	Sash Opening Ht.	Total Exhaust CFM and Sound Levels					
		100 fpm	db(A)	80 fpm	db(A)	60 fpm	db(A)
2 Feet	9.4"	145	53-58	115	50-55	85	48-53
3 Feet	9.4"	220	58-61	175	53-58	130	48-53
4 Feet	9.4"	295	62-66	235	58-61	175	49-54
4 Feet	12.0"	380	67-70	305	62-66	230	58-61
5 Feet	12.0"	480	63-67	385	58-63	290	52-56
6 Feet	12.0"	580	67-69	465	61-63	350	55-57

RXPert™ Double Filtered Balance Systems

Nominal Width	Catalog Number	Overall Dimensions*	Interior Dimensions	Electrical Requirements	Work Surface	Shipping Weight lbs./kg
2'	10830-828	24.0" w x 29.0" d x 49 5" h	21.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Not Included	269/122
2'	10830-830	24.0" w x 29.0" d x 49 5" h	21.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Stainless Steel	344/156
2'	10830-832	24.0" w x 29.0" d x 49 5" h	21.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Solid Epoxy	364/165
3'	10830-834	36.0" w x 29.0" d x 49 5" h	33.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Not Included	327/148
3'	10830-836	36.0" w x 29.0" d x 49 5" h	33.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Stainless Steel	402/182
3'	10830-880	36.0" w x 29.0" d x 49 5" h	33.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Solid Epoxy	452/205
4'	10830-882	48.0" w x 29.0" d x 49 5" h	45.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Not Included	401/182
4'	10830-884	48.0" w x 29.0" d x 49 5" h	45.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Stainless Steel	501/227
4'	10830-838	48.0" w x 29.0" d x 49 5" h	45.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Solid Epoxy	541/245
4'	10830-840	48.0" w x 29.0" d x 58.8" h	45.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Not Included	420/191
4'	10830-844	48.0" w x 29.0" d x 58.8" h	45.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	520/236
4'	10830-846	48.0" w x 29.0" d x 58.8" h	45.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	560/254
4'	10830-848	48.0" w x 35.5" d x 58.8" h	45.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Not Included	450/204
4'	10830-850	48.0" w x 35.5" d x 58.8" h	45.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	550/249
4'	10830-852	48.0" w x 35.5" d x 58.8" h	45.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	590/268
5'	10830-854	60.0" w x 29.0" d x 58.8" h	57.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Not Included	698/317
5'	10830-856	60.0" w x 29.0" d x 58.8" h	57.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	798/362
5'	10830-886	60.0" w x 29.0" d x 58.8" h	57.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	838/380
5'	10830-888	60.0" w x 35.5" d x 58.8" h	57.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Not Included	745/338
5'	10830-868	60.0" w x 35.5" d x 58.8" h	57.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	845/383
5'	10830-870	60.0" w x 35.5" d x 58.8" h	57.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	885/401
6'	10830-872	72.0" w x 29.0" d x 58.8" h	69.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Not Included	840/381
6'	10830-890	72.0" w x 29.0" d x 58.8" h	69.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	940/426
6'	10830-858	72.0" w x 29.0" d x 58.8" h	69.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	980/445
6'	10830-860	72.0" w x 35.5" d x 58.8" h	69.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Not Included	892/405
6'	10830-862	72.0" w x 35.5" d x 58.8" h	69.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	992/450
6'	10830-866	72.0" w x 35.5" d x 58.8" h	69.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	1032/468

Contact your VWR representative for ordering information on RXPert Filtered Balance Systems in other electrical configurations.

	2-Foot	3-Foot	4-Foot
A	24.0" (61.0 cm)	36.0" (91.4 cm)	48.0" (121.9 cm)
B	21.6" (54.9 cm)	33.6" (85.3 cm)	45.6" (115.8 cm)

TOP
(2', 3', 4' MODELS)

20.8" (52.8 cm) Visibility

Guardian (LED) Airflow Monitor

25.0" (63.5 cm) Controls

9.4" (23.9 cm) Sash Height

1.6" (4.1 cm) Air Foil Height

B Sash Opening
A Enclosure Width

FRONT
(2', 3', 4' MODELS)

49.5" (125.7 cm) Overall Height

22.7" (57.7 cm) Interior Height

23.4" (59.4 cm) Interior Depth

29.0" (73.7 cm) Enclosure Depth

SIDE
(2', 3', 4' MODELS)
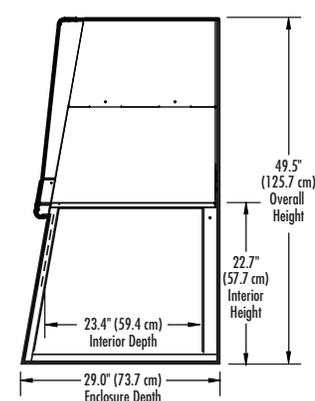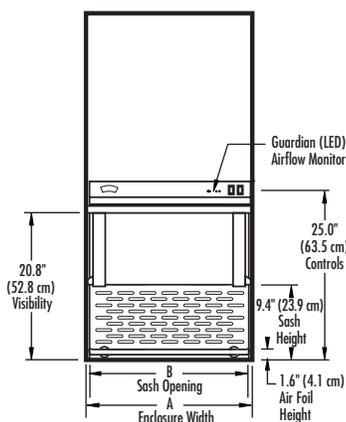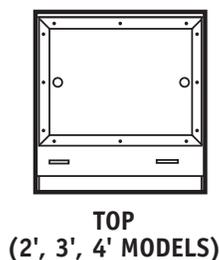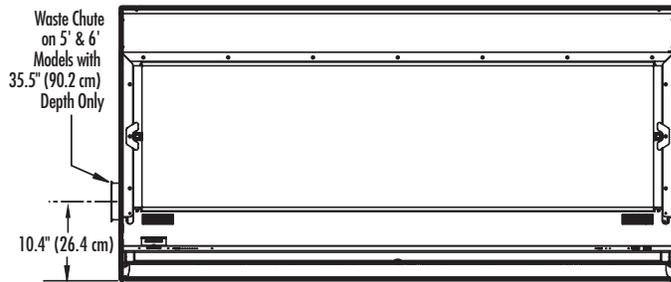
*Overall dimensions do not include work surface, where applicable.

RXPert™ Double Filtered Balance Systems

DIMENSIONAL DATA

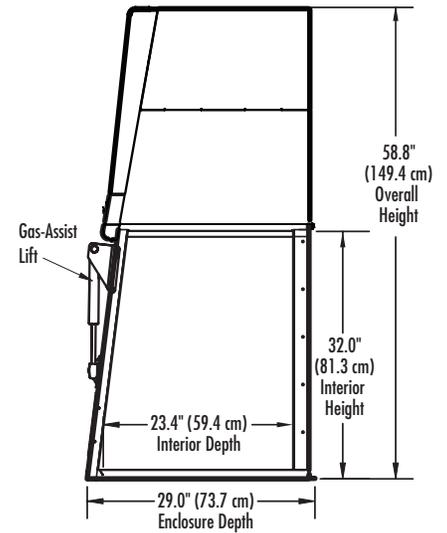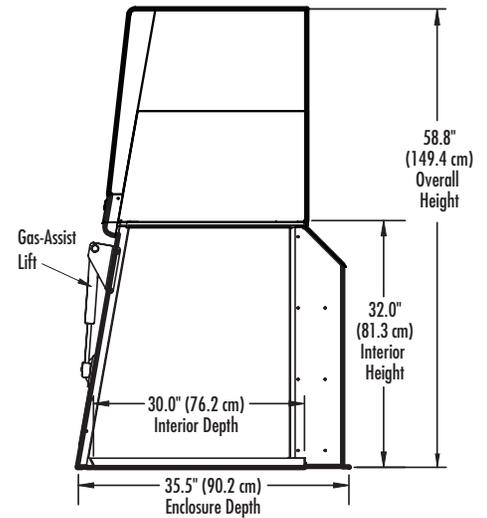|	4-Foot (Tall)	4-Foot (Tall & Deep)	5-Foot	6-Foot
A	48.0" (121.9 cm)	48.0" (121.9 cm)	60.0" (152.4 cm)	72.0" (182.9 cm)
B	45.6" (115.8 cm)	45.6" (115.8 cm)	57.6" (146.3 cm)	69.6" (176.8 cm)

Waste Chute on 5' & 6' Models with 35.5" (90.2 cm) Depth Only

10.4" (26.4 cm)

TOP
(4', 5', 6' MODELS, TALL/TALL & DEEP*)

58.8" (149.4 cm) Overall Height

Gas-Assist Lift

32.0" (81.3 cm) Interior Height

23.4" (59.4 cm) Interior Depth

29.0" (73.7 cm) Enclosure Depth

SIDE
(4', 5', 6' MODELS, TALL)

Guardian (LED) Airflow Monitor

5.2" (13.2 cm) dia. Waste Chute on 5' & 6' Models with 35.5" (90.2 cm) Depth Only)

30.1" (76.5 cm) Visibility

1.3" (3.3 cm)

7.0" (17.8 cm)

34.0" (86.4 cm) Controls

12.0" (30.5 cm) Sash Height

1.6" (4.1 cm) Air Foil Height

B Sash Width Opening

A Enclosure Width

FRONT
(4', 5', 6' MODELS, TALL/TALL & DEEP*)

58.8" (149.4 cm) Overall Height

Gas-Assist Lift

32.0" (81.3 cm) Interior Height

30.0" (76.2 cm) Interior Depth

35.5" (90.2 cm) Enclosure Depth

SIDE
(4', 5', 6' MODELS, TALL & DEEP*)

*Waste Chute on 5' and 6' models only.

RXPert™ Single Filtered Balance Systems
FEATURES & BENEFITS

Patented* RXPert Single Filtered Balance Systems are Class I biological safety cabinets that meet the USP <800>† requirements for non-sterile hazardous compounding. They provide user protection by keeping powders and particulates contained during hazardous drug manipulation. These powder hoods include a canopy and damper for thimble ducting the enclosure to the outside.

True bag-in/bag-out HEPA filter disposal system allows for safe filter replacement.

Optimal HEPA filter location permits leak-detection scan of entire surface.

Front-mounted pressure gauge helps determine HEPA filter loading.

Tempered safety glass provides better fire, scratch and chemical resistance than acrylic and dissipates static charge.

Side-entry air foils allow air to sweep interior surfaces to enhance containment.

Two utility ports with iris openings allow passage of tubing, electrical cords and cables from inside to back exterior for connection to services.

Canopy connection comes factory installed and manual damper is included. These components allow the enclosure to be thimble ducted to the outside. Ductwork and remote blower are sold separately.

Space-saving design. Impeller and HEPA filter are contained within the enclosure's upper plenum for a smaller overall footprint than a separate enclosure and exhauster can offer.

Work surface, on some models, is included. Select the model that fits your application and installation. On some models, a solid epoxy dished work surface is included. Other models include a Type 304 stainless steel work surface. Models without a work surface are also offered.

Built-in impeller has vibration-isolation supports to minimize disturbance to sensitive balances.

Patented†† rear baffle with zones of perforations promotes horizontal laminar airflow. The baffle pivots down for cleaning.
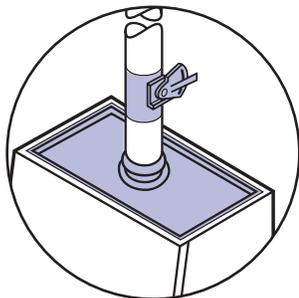
Two interior heights available. Enclosures, 2' and 3' wide, are offered with 22.7" interior height. Enclosures 5' and 6' wide, are offered with 32.0" interior height. Enclosures, 4' wide, are available in either height.

Deep interior easily accommodates large analytical balances. Two interior depths are offered, depending on the model. Enclosures, 2' and 3' wide, are 23.4" deep. Enclosures, 4', 5' and 6' wide, are available with interior depth of 23.4" or 30.0".

Quiet operation as low as 48 decibels.

Built-in airflow monitor alerts the user to face velocities outside of preset range.

Static-dissipative powder-coated aluminum frame and steel rear plenum and baffle. No unreliable plastic-to-plastic bonding is used.

Upper dilution air supply sweeps clean air to the back of sash to keep contaminants away from the operator.

Ergonomic angled sash for comfortable viewing.

Upper containment sash foil directs contaminants away from the user's breathing zone.

Patented†† Clean-Sweep™ air foil allows air to sweep the work surface to maximize containment.

Intrinsically safe. The positive pressure impeller is surrounded by a negative pressure plenum so that if a leak should develop, the unfiltered air is captured and refiltered.

Intertek

Exclusive feature

*U.S. Design Patent D,538,941
† U.S. Pharmacopeial Convention proposed standard. Publication pending.
†† U.S. Patent 6,461,233*

RXPert™ Single Filtered Balance Systems

SPECIFICATIONS

Typical 2', 3' and 4' RXPert Exhaust System

6" Dia. Zero Pressure Weathercap
30152-646

6" Dia. Thermoplastic Duct
30152-636

Blower Transition Adapter
30152-644

Remote Blower
See page 10.

6" Dia. Flexible Duct Connection
30152-642

6" Dia. 90° Elbow
30152-640

Manual Duct Damper

6" Dia. Thermoplastic Duct
30152-636

Canopy Connection
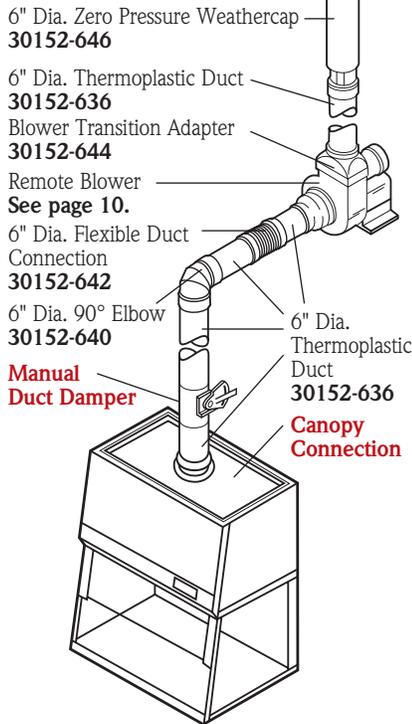
*5' and 6' RXPert Systems use 10" diameter ductwork (not shown). Ductwork components noted in **red bold** are included with each RXPert Single Filtered Balance System.*

All models feature:

- Patented* design.
- Deep interior of 23.4" or 30.0" depending on the model.
- 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.
- True bag-in/bag-out filter disposal system (requires certified technician).
- Built-in blower with dynamically-balanced, vibration-isolated motorized impeller and speed control. Blower has a 40% reserve so that the speed may be adjusted as needed by a certified technician as the filter loads.
- Intrinsically safe, negative pressure design.

- Pressure gauge.
- Space-saving design. No separate filtered exhauster is required.
- Two utility ports with iris openings.
- Quiet operation (see chart below).
- Glacier white and gray powder-coated aluminum frame and steel rear plenum and baffle. No unreliable plastic-to-plastic bonding is used.
- Guardian Airflow Monitor that continuously monitors airflow with a green LED that glows when airflow is within set point range and a red LED that glows and an audible alarm that sounds when airflow is outside set point range.
- Pre-wired fluorescent lamp and switches for blower and light.
- 1/4" thick tempered safety glass front sash and sides.
- Ergonomic angled and hinged, pivoting sash with wiping seal.
- 9.4" (23.9 cm) sash opening height with 16.5" (41.9 cm) locking height and 19.0" (48.3 cm) maximum loading height.
- Two utility ports for pass-through of electrical cords.
- 8' cord included.
- Canopy Connection, factory-installed, powder-coated steel.
- Manual Duct Damper, powder-coated steel.
- ETL listing.
- Particulate containment independently verified by SafeBridge Consultants, Inc.

- Validation package available containing balance stability, powder containment and modified ASHRAE 110-1995 Test Reports.

All models conform to the following regulations and standards:

- USP <800> non-sterile compounding**
- SEFA 1-2010
- Modified ASHRAE 110-1995
- ANSI Z9.5-2011
- UL 61010-1
- CAN/CSA C22.2 No. 61010.1

5' and 6' models with 35.5" exterior depth include:

- Left-side mounted waste chute. Bags not included. Minimum bag size required: 10" x 16". See page 10.

Models with stainless steel work surface also include:

- Type 304 stainless steel work surface with front spill trough.

Models with epoxy work surface also include:

- Solid epoxy dished work surface.

All models require:††

- Remote blower. See page 10.
- Ductwork. Contact VWR.
- Supporting base. See back cover.

Exclusive feature

*U.S. Design Patent D538,941   †U.S. Patent 6,461,233
** U.S. Pharmacopeial Convention proposed standard. Publication pending.
†† Models without work surface also require a work surface. Contact your VWR representative for ordering information on work surfaces.

Nominal Width/Duct	Sash Opening Ht.	Total Exhaust CFM^		
		100 fpm	80 fpm	60 fpm
2 Feet/6" dia.	9.4"	181	144	106
3 Feet/6" dia.	9.4"	275	219	163
4 Feet/6" dia.	9.4"	369	294	219
4 Feet (Tall)/6" dia.^^	12.0"	475	381	288
5 Feet/10" dia.	12.0"	600	481	363
6 Feet/10" dia.	12.0"	725	581	438

^Total Exhaust CFM includes makeup air for dilution through the thimble/canopy connection.
^^Same for 4' Tall and Deep models.

RXPert™ Single Filtered Balance Systems

ORDERING INFORMATION

RXPert™ Single Filtered Balance Systems						
Nominal Width	Catalog Number	Overall Dimensions*	Interior Dimensions	Electrical Requirements	Work Surface	Shipping Weight lbs./kg
2'	10216-844	24.0" w x 29.0" d x 41 2" h	21.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Not Included	205/93
2'	10216-846	24.0" w x 29.0" d x 41 2" h	21.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Stainless Steel	245/111
2'	10216-848	24.0" w x 29.0" d x 41 2" h	21.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Solid Epoxy	255/116
3'	10216-850	36.0" w x 29.0" d x 41 2" h	33.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Not Included	258/117
3'	10216-852	36.0" w x 29.0" d x 41 2" h	33.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Stainless Steel	318/144
3'	10216-854	36.0" w x 29.0" d x 41 2" h	33.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Solid Epoxy	333/151
4'	10216-856	48.0" w x 29.0" d x 41 2" h	45.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Not Included	311/141
4'	10216-858	48.0" w x 29.0" d x 41 2" h	45.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Stainless Steel	391/177
4'	10216-860	48.0" w x 29.0" d x 41 2" h	45.6" w x 23.4" d x 22.7" h	115 volts, 60 Hz	Solid Epoxy	411/186
4'	10830-786	48.0" w x 29.0" d x 50.4" h	45.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Not Included	285/129
4'	10830-788	48.0" w x 29.0" d x 50.4" h	45.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	385/175
4'	10830-790	48.0" w x 29.0" d x 50.4" h	45.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	425/193
4'	10830-792	48.0" w x 35.5" d x 50.4" h	45.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Not Included	315/143
4'	10830-800	48.0" w x 35.5" d x 50.4" h	45.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	415/188
4'	10830-802	48.0" w x 35.5" d x 50.4" h	45.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	455/206
5'	10830-804	60.0" w x 29.0" d x 50.4" h	57.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Not Included	500/227
5'	10830-806	60.0" w x 29.0" d x 50.4" h	57.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	565/256
5'	10830-808	60.0" w x 29.0" d x 50.4" h	57.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	605/274
5'	10830-810	60.0" w x 35.5" d x 50.4" h	57.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Not Included	565/256
5'	10830-812	60.0" w x 35.5" d x 50.4" h	57.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	630/286
5'	10830-814	60.0" w x 35.5" d x 50.4" h	57.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	670/304
6'	10830-816	72.0" w x 29.0" d x 50.4" h	69.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Not Included	600/272
6'	10830-818	72.0" w x 29.0" d x 50.4" h	69.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	665/302
6'	10830-820	72.0" w x 29.0" d x 50.4" h	69.6" w x 23.4" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	705/320
6'	10830-822	72.0" w x 35.5" d x 50.4" h	69.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Not Included	640/290
6'	10830-824	72.0" w x 35.5" d x 50.4" h	69.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Stainless Steel	705/320
6'	10830-826	72.0" w x 35.5" d x 50.4" h	69.6" w x 30.0" d x 32.0" h	115 volts, 60 Hz	Solid Epoxy	745/338

Contact your VWR representative for ordering information on RXPert Filtered Balance Systems in other electrical configurations.
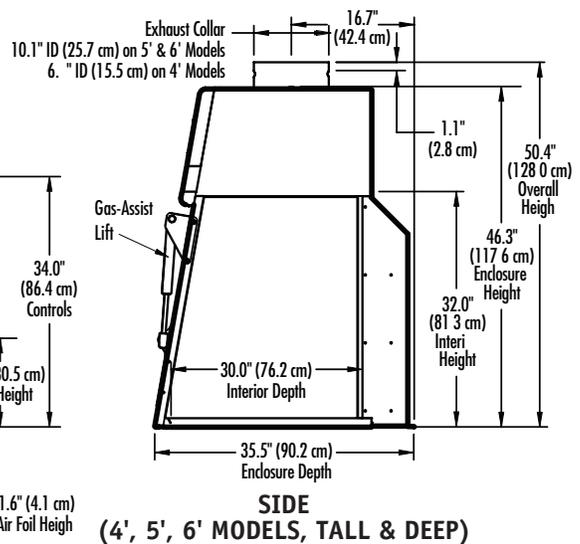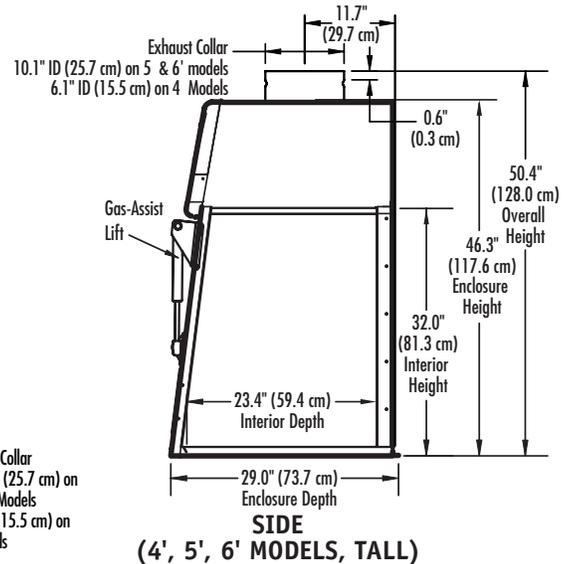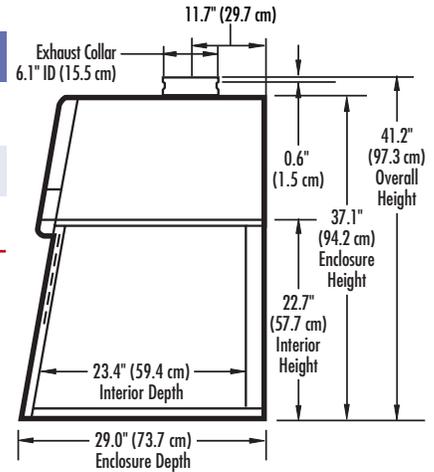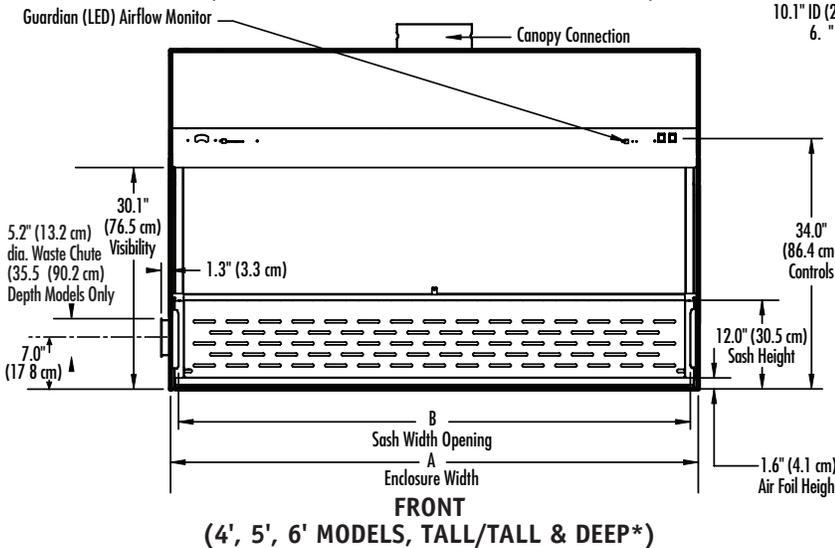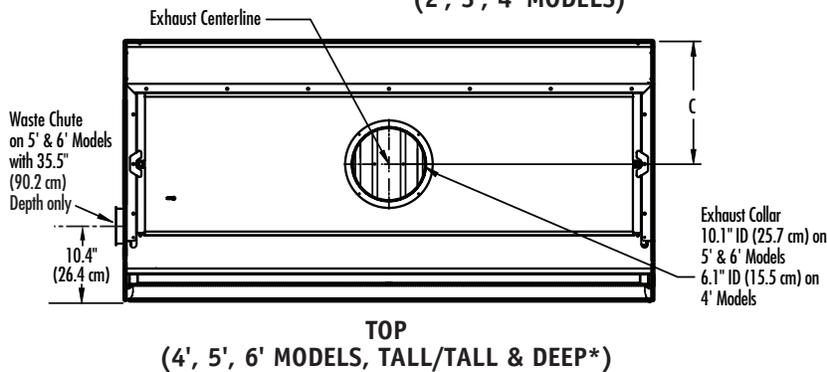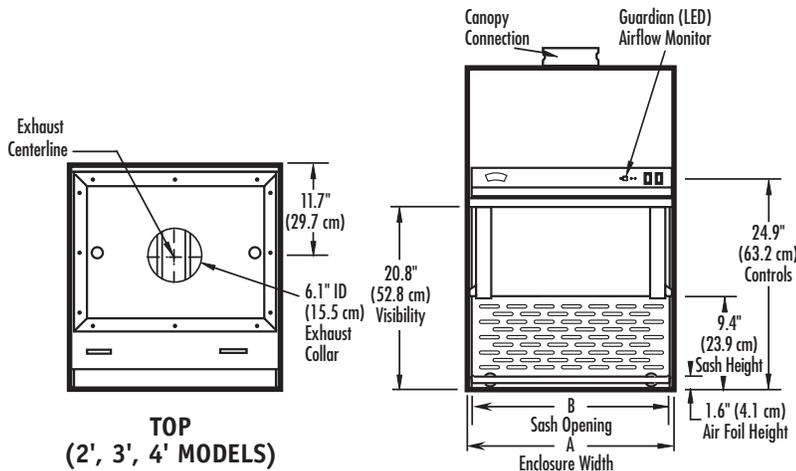
* Overall dimensions do not include canopy connection and work surface, where applicable.

RXPert™ Single Filtered Balance Systems
DIMENSIONAL DATA

	2-Foot	3-Foot	4-Foot	4-Foot (Tall)	4-Foot (Tall & Deep)	5-Foot (Tall)	5-Foot (Tall & Deep)	6-Foot (Tall)	6-Foot (Tall & Deep)
A	24.0" (61.0 cm)	36.0" (91.4 cm)	48.0" (121.9 cm)	48.0" (121.9 cm)	48.0" (121.9 cm)	60.0" (152.4 cm)	60.0" (152.4 cm)	72.0" (182.9 cm)	72.0" (182.9 cm)
B	21.6" (54.9 cm)	33.6" (85.3 cm)	45.6" (115.8 cm)	45.6" (115.8 cm)	45.6" (115.8 cm)	57.6" (146.3 cm)	57.6" (146.3 cm)	69.6" (176.8 cm)	69.6" (176.8 cm)
C	—	—	—	11.7" (29.7 cm)	16.7" (42.4 cm)	11.7" (29.7 cm)	16.7" (42.4 cm)	11.7" (29.7 cm)	16.7" (42.4 cm)

TOP (2', 3', 4' MODELS)

Exhaust Centerline
11.7" (29.7 cm)
6.1" ID (15.5 cm) Exhaust Collar

FRONT (2', 3', 4' MODELS)

Canopy Connection
Guardian (LED) Airflow Monitor
20.8" (52.8 cm) Visibility
24.9" (63.2 cm) Controls
9.4" (23.9 cm) Sash Height
1.6" (4.1 cm) Air Foil Height
B Sash Opening
A Enclosure Width

SIDE (2', 3', 4' MODELS)

11.7" (29.7 cm)
Exhaust Collar 6.1" ID (15.5 cm)
0.6" (1.5 cm)
41.2" (97.3 cm) Overall Height
37.1" (94.2 cm) Enclosure Height
22.7" (57.7 cm) Interior Height
23.4" (59.4 cm) Interior Depth
29.0" (73.7 cm) Enclosure Depth

TOP (4', 5', 6' MODELS, TALL/TALL & DEEP*)

Exhaust Centerline
Waste Chute on 5' & 6' Models with 35.5" (90.2 cm) Depth only
10.4" (26.4 cm)
C
Exhaust Collar 10.1" ID (25.7 cm) on 5' & 6' Models 6.1" ID (15.5 cm) on 4' Models

SIDE (4', 5', 6' MODELS, TALL)

11.7" (29.7 cm)
Exhaust Collar 10.1" ID (25.7 cm) on 5' & 6' models 6.1" ID (15.5 cm) on 4' Models
0.6" (0.3 cm)
Gas-Assist Lift
50.4" (128.0 cm) Overall Height
46.3" (117.6 cm) Enclosure Height
32.0" (81.3 cm) Interior Height
23.4" (59.4 cm) Interior Depth
29.0" (73.7 cm) Enclosure Depth

FRONT (4', 5', 6' MODELS, TALL/TALL & DEEP*)

Guardian (LED) Airflow Monitor
Canopy Connection
5.2" (13.2 cm) dia. Waste Chute (35.5 90.2 cm) Depth Models Only
30.1" (76.5 cm) Visibility
1.3" (3.3 cm)
34.0" (86.4 cm) Controls
12.0" (30.5 cm) Sash Height
7.0" (17.8 cm)
1.6" (4.1 cm) Air Foil Heigh
B Sash Width Opening
A Enclosure Width

SIDE (4', 5', 6' MODELS, TALL & DEEP)

16.7" (42.4 cm)
Exhaust Collar 10.1" ID (25.7 cm) on 5' & 6' Models 6. " ID (15.5 cm) on 4' Models
1.1" (2.8 cm)
Gas-Assist Lift
50.4" (128 0 cm) Overall Heigh
46.3" (117 6 cm) Enclosure Height
32.0" (81 3 cm) Interi Height
30.0" (76.2 cm) Interior Depth
35.5" (90.2 cm) Enclosure Depth

Waste Chute on 5' and 6' models only.

RXPert™ Filtered Balance Systems
Accessories

Remote Blowers

Recommended when thimble ducting the RXPert System. TEFC-type direct drive motor blower. Corrosion-resistant phenolic-coated steel housing and impeller. Blower inlet is sized to accept 6" nominal diameter PVC duct. Blower outlet is 4.3" x 7.4" OD. Dimensions: 14.6" w x 13.5" d x 13.3" high. For operation on 115 volts, 60 Hz, 4.4 amps. A damper is recommended.*

Catalog #	HP	Shipping Wt.
30153-982	1/4	35 lbs. (16 kg)
82010-730**	1/4	40 lbs. (18 kg)

*Explosion-proof

CFM @ Static Pressure – Inches of H_2O						
S.P.	0.0"	0.125"	0.25"	0.50"	0.75"	0.87"
CFM	595	560	515	420	300	167

Remote Blowers

Recommended when thimble ducting the RXPert System. Belt drive motor blower. Corrosion-resistant phenolic-coated steel housing and impeller. Powder-coated steel base and weather cover. Blower inlet is sized to accept 10" nominal diameter PVC duct. Blower outlet is 5.5" x 10.0" OD. Dimensions: 16.1" w x 23.9" d x 22.6" high (40.9 x 60.7 x 57.4 cm). A damper is recommended.*

| Catalog #	HP	Electrical Requirements	Shipping Wt. lbs./kg
30186-043	1/4	115 volts, 60 Hz, 4.4 amps	92/42
82006-760**	1/4	115 volts, 60 Hz, 4.5 amps	100/45
30186-087	1/3	115 volts, 60 Hz, 6.1 amps	86/39
82006-762**	1/3	115 volts, 60 Hz, 6.4 amps	94/43

* Contact your VWR representative for ordering information on dampers and additional blower options including multi-speed blowers.

** Explosion-proof

CFM @ Static Pressure – Inches of H_2O							
S.P.	0.25"	0.38"	0.50"	0.62"	0.75"	0.88"	1.00"
30186-043, 82006-760 CFM	540-720	410-760	350-710	390-620	430	—	—
30186-087, 82006-762 CFM	—	760-850	710-825	620-790	430-770	460-740	500 640

Canopy Connections for RXPert Double Filtered Balance Systems

Allow thimble ducting to the outside for additional protection. The canopy's air gap provides a means of balancing air by allowing room air to enter the ductwork and mix with the filtered air being exhausted from the RXPert. Powder-coated steel. **House exhaust or remote blower is required (not included).†** Contact your VWR representative for ordering information.
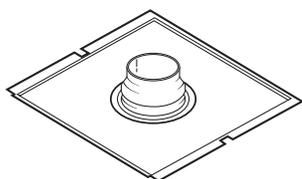
† When sizing a blower for thimble ducted RXPert Double Filtered Systems, add 25% to the total air volume exhausted to allow for air entering around the canopy gap. Contact your VWR representative for ordering information on ductwork components.

Description	For use with width:	Shipping Wt. lbs./kg
Canopy Connection, 6.1" ID, 6.2" OD	2-Ft	15/7
Canopy Connection, 6.1" ID, 6.2" OD	3-Ft	18/8
Canopy Connection, 6.1" ID, 6.2" OD	4-Ft	21/10
Canopy Connection, 10.1" ID, 10.3" OD	5-Ft	25/11
Canopy Connection, 10.1" ID, 10.3" OD	6-Ft	30/14

Waste Chute Stopper

For use with 5' and 6' RXPert Systems with 35.5" depth. When waste chute is not in use, the stopper helps prevent contaminants from escaping from the enclosure through the side wall. Solid rubber. 5" diameter. Shipping weight 1 lb. (0.5 kg) Contact VWR to order.

97002-482 Balance Vibration Isolator

Minimizes vibration to sensitive balances placed atop. Includes a 13.4" w x 20.4" d x 2.7" thick (34.0 x 51.8 x 6.9 cm) marble slab, four isolator pads and a type 304 stainless steel protective cover. Shipping weight 75 lbs. (34 kg)

Waste Chute Bags

Replacement bags for 5' and 6' RXPert Systems. Bags are 0.004" (4 mm) thick clear plastic and 10" w x 16" long (25.4 x 40.6 cm). Package of 100. Shipping weight 5 lbs. (2.3 kg) Contact VWR to order.

RXPert™ Filtered Balance Systems
ACCESSORIES

Replacement HEPA, PLEKX and ULPA Filters and Accessories*

The existing HEPA Filter(s) installed in the RXPert Filtered Balance System may be replaced by HEPA, PLEKX[†] or ULPA Filter(s). PLEKX Filters are HEPA filters combined with an organic vapor carbon filter. The carbon allows for odor control of typical small quantities of organic vapors caused from most solvents. Contact your VWR representative for ordering information on factory-installed PLEKX or ULPA Filter in place of the HEPA Filter and Prefilter Kits for nuisance odors.

Catalog #	Description	For use with RXPert width:	Shipping Weight lbs./kg
82010-686	Replacement HEPA Filter, 99.99% efficient on particles 0.3 micron in size 18.0" w x 18.0" d x 3.3" h (45.7 x 45.7 x 8.4 cm)	2-Ft	39/18
26673-442	Replacement HEPA Filter, 99.99% efficient on particles 0.3 micron in size 30.0" w x 18.0" d x 3.3" h (76.2 x 45.7 x 8.4 cm)	3-Ft 6-Ft (2 required)	51/23
82018-212	Replacement HEPA Filter, 99.99% efficient on particles 0.3 micron in size 42.0" w x 18.0" d x 3.3" h (106.7 x 45.7 x 8.4 cm)	4-Ft	66/30
Contact VWR	Replacement HEPA Filter, 99.99% efficient on particles 0.3 micron in size 24.0" w x 18.0" d x 3.3" h (61.0 x 45.7 x 8.4 cm)	5-Ft (2 required)	35/16
Contact VWR	PLEKX Filter, organic vapor, 1.7 lbs. activated carbon, 99.97% efficient on particles 0.3 micron in size, 18.0" w x 18.0" d x 3.1" h (45.7 x 45.7 x 7.9 cm)	2-Ft	41/19
Contact VWR	PLEKX Filter, organic vapor, 2.9 lbs. activated carbon, 99.97% efficient on particles 0.3 micron in size, 30.0" w x 18.0" d x 3.1" h (76.2 x 45.7 x 7.9 cm)	3-Ft 6-Ft (2 required)	54/25
Contact VWR	PLEKX Filter, organic vapor, 4.0 lbs. activated carbon, 99.97% efficient on particles 0.3 micron in size, 42.0" w x 18.0" d x 3.1" h (106.7 x 45.7 x 7.9 cm)	4-Ft	70/32
Contact VWR	PLEKX Filter, organic vapor, 2.3 lbs. activated carbon, 99.97% efficient on particles 0.3 micron in size, 24.0" w x 18.0" d x 3.1" h (61.0 x 45.7 x 7.9 cm)	5-Ft (2 required)	37/17
Contact VWR	ULPA Filter, 99.999% efficient on particles 0.12 micron in size 18.0" w x 18.0" d x 3.3" h (45.7 x 45.7 x 8.4 cm)	2-Ft	39/18
Contact VWR	ULPA Filter, 99.999% efficient on particles 0.12 micron in size 30.0" w x 18.0" d x 3.3" h (76.2 x 45.7 x 8.4 cm)	3-Ft 6-Ft (2 required)	51/23
Contact VWR	ULPA Filter, 99.999% efficient on particles 0.12 micron in size, 42.0" w x 18.0" d x 3.3" h (106.7 x 45.7 x 8.4 cm)	4-Ft	66/30
Contact VWR	ULPA Filter, 99.999% efficient on particles 0.12 micron in size, 24.0" w x 18.0" d x 3.3" h (61.0 x 45.7 x 8.4 cm)	5-Ft (2 required)	35/16
82018-214	Replacement Bag for Bag-in/Bag-out, HEPA Filter, 48" circumference x 54" long (121.9 x 137.2 cm)	2-Ft	4/2
82018-216	Replacement Bag for Bag-in/Bag-out, HEPA Filter, 73" circumference x 96" long (185.4 x 243.8 cm)	3-Ft 6-Ft (2 required)	4/2
82018-218	Replacement Bag for Bag-in/Bag-out, HEPA Filter, 96" circumference x 96" long (243.8 x 243.8 cm)	4-Ft	4/2
Contact VWR	Replacement Bag for Bag-in/Bag-out, HEPA Filter, 60" circumference x 72" long (152.4 x 182.9 cm)	5-Ft (2 required)	10/5

* HEPA, PLEKX and ULPA filter removal and replacement should only be performed by a certified technician.
† PLEKX® is a registered trademark of KX Technologies LLC, West Haven, CT.

RXPert™ Filtered Balance Systems
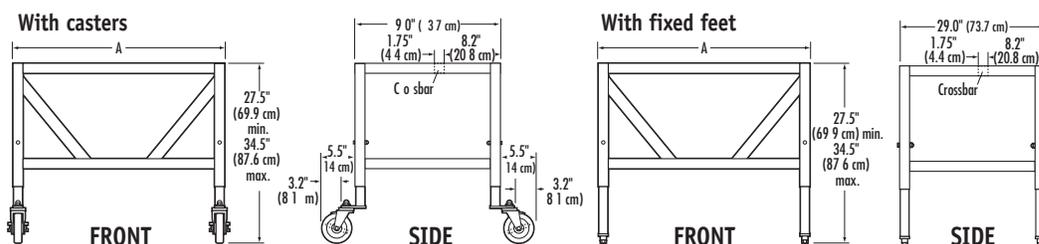## ACCESSORIES

Telescoping Base Stands

Support the RXPert Filtered Balance Systems. Durable 1.75" tubular, powder-coated steel frame. Rear crossbar supports on 3' and wider models. Telescoping legs are adjustable to eight height positions in 1" increments from 27.5" to 34.5". Include four fixed leveling feet or 5" diameter toe-locking, non-marking polyurethane casters with bearings. Hold loads to 4000 pounds.

Ordering Information

Catalog #	Overall Width (A)	Description	Shipping Wt. lbs./kg
89000-180	24.0"	with fixed feet	100/45
89000-178	24.0"	with casters	100/45
62111-176	36.0"	with fixed feet	110/50
82003-570	36.0"	with casters	110/50
62111-178	48.0"	with fixed feet	115/52
82003-572	48.0"	with casters	115/52
62111-180	60.0"	with fixed feet	120/54
97007-590	60.0"	with casters	120/54
62111-182	72.0"	with fixed feet	125/57
82003-574	72.0"	with casters	125/57

With casters

FRONT — A, 27.5" (69.9 cm) min. 34.5" (87.6 cm) max.

SIDE — 9.0" (37 cm), 1.75" (4.4 cm), 8.2" (20.8 cm), Crossbar, 5.5" (14 cm), 3.2" (8.1 cm)

With fixed feet

FRONT — A, 27.5" (69.9 cm) min. 34.5" (87.6 cm) max.

SIDE — 29.0" (73.7 cm), 1.75" (4.4 cm), 8.2" (20.8 cm), Crossbar

Double HEPA Filtration Kits

For field-installation atop XPert Balance Filtered Systems and XPert Bulk Powder Filtered Systems. Provide a second level of HEPA Filtration to meet United States Pharmacopeia (USP) <800> standard for redundant HEPA Filter in series. Each Kit includes one HEPA Filter, set of bag and straps for bag-in/bag-out system, complete metal support system, as well as certifier installation instructions. Kit adds 12.9" inches to height of an existing System. Contact your VWR representative for optional Canopy Connection for use with this Kit.

Catalog #	For use with:	Shipping Wt. lbs./kg
10830-794	2-Ft XPert Filtered Balance Systems	115/52
10830-796	3-Ft XPert Filtered Balance Systems	135/61
10830-798	4-Ft XPert Filtered Balance Systems	165/75
10830-878	5-Ft XPert Filtered Balance Systems & 5-Ft XPert Bulk Powder Filtered Systems	250/113
10830-784	6-Ft XPert Filtered Balance Systems & 6-Ft XPert Bulk Powder Filtered Systems	300/136

Contact your VWR representative for ordering information on additional accessories.

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