PRODUCT OVERVIEW

DUCTED FUME HOOD

MOTORIZED ACCESS / OPTIONAL CARBON FILTER

A

SERIES

Motorized access. A versatile work zone.

Ducted ventilation for weak acids and alkalis, with a chemical-resistant phenolic resin worktop.



0.3–0.8

m/s air velocity

59.1–157.5 ft/min

3-YEAR WARRANTY

FH1000A	FH1200A	FH1500A	FH1800A
820 mm	1020 mm	1320 mm	1620 mm
32.28 in work width	40.16 in work width	51.97 in work width	63.78 in work width

FOUR SIZES. A CLEAR COMPARISON.

Dimensions in W × D × H order. Select the work area, cabinet size and capacity that fit your laboratory.

Parameter	FH1000A	FH1200A	FH1500A	FH1800A
External dimensions	1040 × 800 × 2200 mm 40.94 × 31.50 × 86.61 in	1240 × 800 × 2200 mm 48.82 × 31.50 × 86.61 in	1540 × 800 × 2200 mm 60.63 × 31.50 × 86.61 in	1840 × 800 × 2200 mm 72.44 × 31.50 × 86.61 in
Internal dimensions	820 × 670 × 730 mm 32.28 × 26.38 × 28.74 in	1020 × 670 × 730 mm 40.16 × 26.38 × 28.74 in	1320 × 670 × 730 mm 51.97 × 26.38 × 28.74 in	1620 × 670 × 730 mm 63.78 × 26.38 × 28.74 in
Gross weight	286 kg 630.5 lb	317 kg 698.9 lb	350 kg 771.6 lb	400 kg 881.8 lb
Power consumption	400 W	400 W	500 W	500 W
LED illumination	8 W × 1	12 W × 1	16 W × 1	16 W × 1

WORK SURFACE HEIGHT

850 mm / 33.46 in

MAXIMUM OPENING

520 mm / 20.47 in

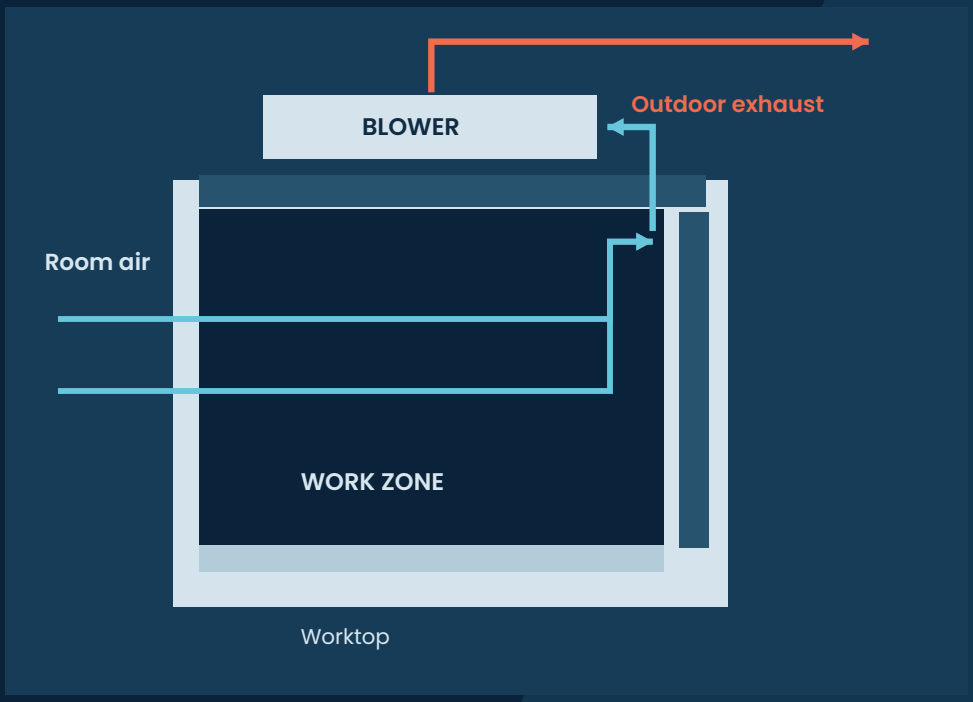
COMPARE INTERNAL WORKING WIDTHS



AIRFLOW / OPERATING PRINCIPLE

DRAW AIR IN. CARRY FUMES OUT.

The centrifugal blower draws air through the front opening and discharges it through the exhaust duct.



AIR VELOCITY

0.3–0.8 m/s

59.1–157.5 ft/min

BLOWER CONTROL

9 speed levels

Built-in centrifugal blower

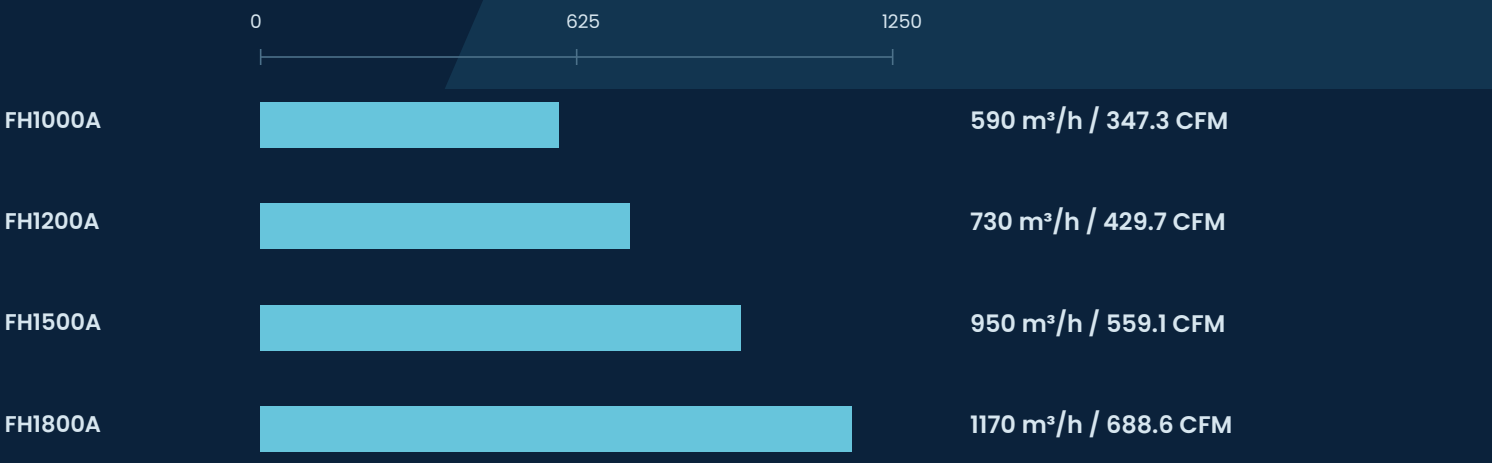
EXHAUST DUCT

Ø300 mm

Ø11.81 in / PVC

EXHAUST VOLUME BY MODEL

m³/h / CFM



FILTRATION & AIR HANDLING

Active carbon filter, optional. Negative pressure in the work zone draws room air inward through the opening.

PURPOSEFUL DETAILS. CONFIDENT CONTROL.

A practical combination of access, work-zone materials and controls for daily laboratory use.



Control panel



Work-zone construction

Motorized sash

Adjust the front window height from the control panel.

Microprocessor controls

Straightforward operation with alarms for unsafe conditions.

Settings retained

Power-off memory keeps operating settings through a power interruption.

Construction / operation	Specification
Cabinet body	Cold-rolled steel
Worktop	Chemical-resistant phenolic resin
Front window	Motorized
Chemical resistance	Weak acids and alkalis
Supply voltage	110 V or 220 V versions

DAILY USE

UV illumination at 253.7 nm; 9-level blower speed adjustment. Noise: <68 dB.

INSTALLATION / DELIVERY CONFIGURATION

PLAN THE SPACE. COMPLETE THE SETUP.

Packing dimensions in W × D × H order, with model-specific shipping weights.

Shipping specification	FH1000A	FH1200A	FH1500A	FH1800A
Main-body package	1190 × 990 × 1690 mm 46.85 × 38.98 × 66.54 in	1390 × 990 × 1690 mm 54.72 × 38.98 × 66.54 in	1690 × 990 × 1690 mm 66.54 × 38.98 × 66.54 in	1990 × 990 × 1690 mm 78.35 × 38.98 × 66.54 in
Base-cabinet package	1190 × 990 × 900 mm 46.85 × 38.98 × 35.43 in	1390 × 990 × 900 mm 54.72 × 38.98 × 35.43 in	1690 × 990 × 900 mm 66.54 × 38.98 × 35.43 in	1990 × 990 × 900 mm 78.35 × 38.98 × 35.43 in
Gross weight	286 kg 630.5 lb	317 kg 698.9 lb	350 kg 771.6 lb	400 kg 881.8 lb

SASH OPENING

520 mm / 20.47 in

WORK SURFACE

850 mm / 33.46 in

POWER CHOICES

110 V / 220 V

INSTALLATION AT A GLANCE

01 **Assemble**

Assemble the base cabinet or stand.

02 **Position**

Secure the main body on the base.

03 **Connect**

Connect the exhaust duct and power.

STANDARD CONFIGURATION

Built-in centrifugal blower, LED illumination, UV lamp and base cabinet.

OPTIONS **Active carbon filter**