PRODUCT OVERVIEW

DUCTED FUME HOOD

MOTORIZED ACCESS / CARBON FILTER INCLUDED

X

SERIES

Equipped to work. Designed for control.

Motorized access, active carbon filtration and a foot switch in one complete ducted work station.



0.3–0.8

m/s air velocity

59.1–157.5 ft/min

3-YEAR WARRANTY

FH1000X	FH1200X	FH1500X	FH1800X
880 mm	1080 mm	1380 mm	1680 mm
34.65 in work width	42.52 in work width	54.33 in work width	66.14 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	FH1000X	FH1200X	FH1500X	FH1800X
External dimensions	1000 × 840 × 2150 mm 39.37 × 33.07 × 84.65 in	1200 × 840 × 2150 mm 47.24 × 33.07 × 84.65 in	1500 × 840 × 2150 mm 59.06 × 33.07 × 84.65 in	1800 × 840 × 2150 mm 70.87 × 33.07 × 84.65 in
Internal dimensions	880 × 730 × 745 mm 34.65 × 28.74 × 29.33 in	1080 × 730 × 745 mm 42.52 × 28.74 × 29.33 in	1380 × 730 × 745 mm 54.33 × 28.74 × 29.33 in	1680 × 730 × 745 mm 66.14 × 28.74 × 29.33 in
Gross weight	230 kg 507.1 lb	253 kg 557.8 lb	290 kg 639.3 lb	340 kg 749.6 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

750 mm / 29.53 in

MAXIMUM OPENING

520 mm / 20.47 in

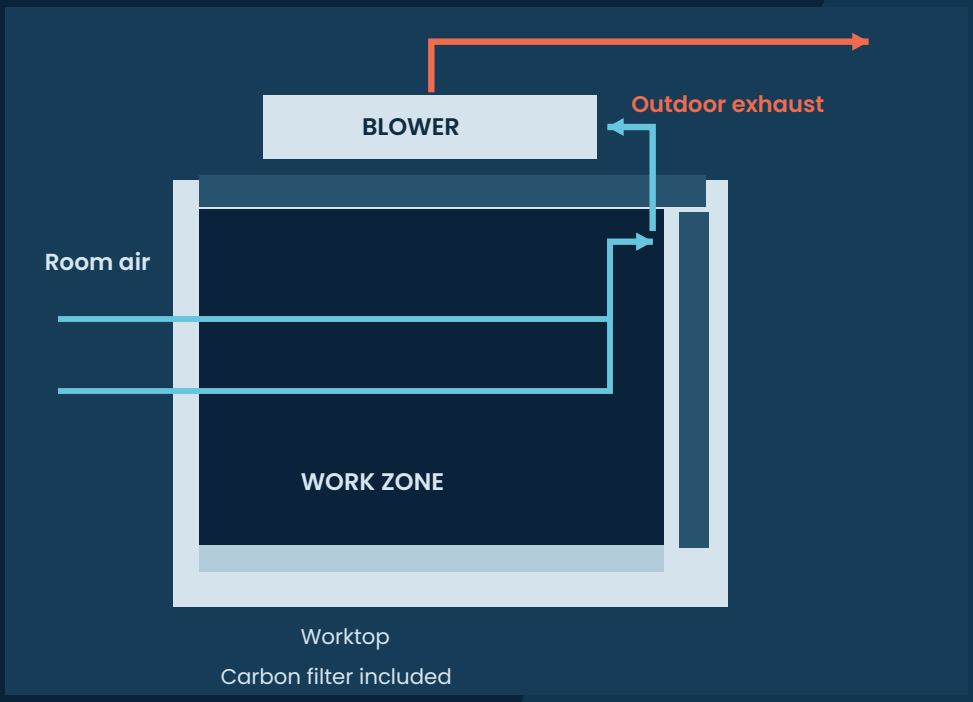
COMPARE INTERNAL WORKING WIDTHS



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

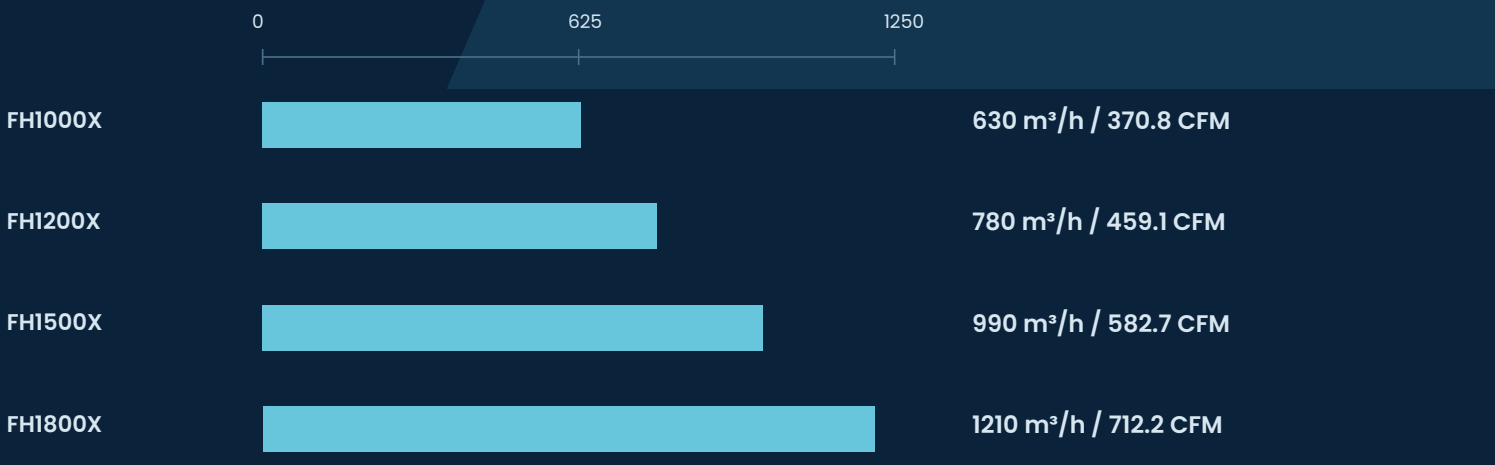
EXHAUST DUCT

Ø300 mm

Ø11.81 in / PVC

EXHAUST VOLUME BY MODEL

m³/h / CFM



FILTRATION & AIR HANDLING

Active carbon filtration is supplied as standard. The hood remains connected to an outdoor exhaust duct.

PURPOSEFUL DETAILS. CONFIDENT CONTROL.

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



LCD panel



Foot switch

Motorized access

Height-adjustable front window with a foot switch.

Carbon filter included

A filter alarm activates after 3,500 working hours.

Comfortable view

A 10° sloped front supports visibility into the work zone.

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

DAILY USE

Two UV lamps with emission at 253.7 nm; power-off memory. 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	FH1000X	FH1200X	FH1500X	FH1800X
Package dimensions	1150 × 1120 × 1680 mm 45.28 × 44.09 × 66.14 in	1350 × 1120 × 1680 mm 53.15 × 44.09 × 66.14 in	1650 × 1120 × 1680 mm 64.96 × 44.09 × 66.14 in	1950 × 1120 × 1680 mm 76.77 × 44.09 × 66.14 in
Gross weight	230 kg 507.1 lb	253 kg 557.8 lb	290 kg 639.3 lb	340 kg 749.6 lb

SASH OPENING

520 mm / 20.47 in

WORK SURFACE

750 mm / 29.53 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

Water tap, gas tap, water sink, base stand, UV lamps ×2, LED lamp, socket, Ø300 mm / 11.81 in exhaust duct, active carbon filter and foot switch.

OPTIONS

HEPA filter