PRODUCT OVERVIEW

DUCTED FUME HOOD

MANUAL SASH / WATER TAP & SINK INCLUDED

E

SERIES

Manual access. Ready for wet chemistry.

A manual glass sash and built-in PP blower, paired with water tap and sink for daily laboratory work.



0.3–0.8

m/s air velocity

59.1–157.5 ft/min

3-YEAR WARRANTY

FH1000E	FH1200E	FH1500E	FH1800E
790 mm	990 mm	1290 mm	1590 mm
31.10 in work width	38.98 in work width	50.79 in work width	62.60 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	FH1000E	FH1200E	FH1500E	FH1800E
External dimensions	1000 × 800 × 2515 mm 39.37 × 31.50 × 99.02 in	1200 × 800 × 2515 mm 47.24 × 31.50 × 99.02 in	1500 × 800 × 2515 mm 59.06 × 31.50 × 99.02 in	1800 × 800 × 2515 mm 70.87 × 31.50 × 99.02 in
Internal dimensions	790 × 600 × 870 mm 31.10 × 23.62 × 34.25 in	990 × 600 × 870 mm 38.98 × 23.62 × 34.25 in	1290 × 600 × 870 mm 50.79 × 23.62 × 34.25 in	1590 × 600 × 870 mm 62.60 × 23.62 × 34.25 in
Gross weight	270 kg 595.2 lb	305 kg 672.4 lb	335 kg 738.5 lb	365 kg 804.7 lb
Power consumption	400 W	400 W	500 W	500 W
LED illumination	20 W × 1	20 W × 1	40 W × 1	40 W × 1

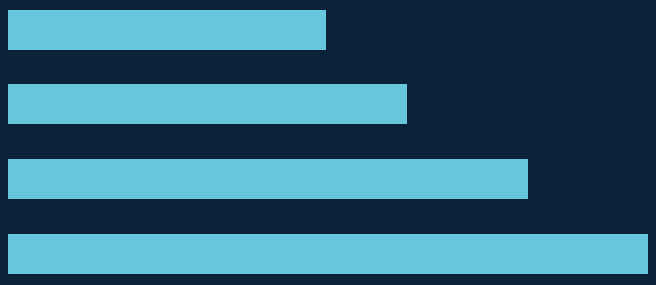
WORK SURFACE HEIGHT

900 mm / 35.43 in

MAXIMUM OPENING

750 mm / 29.53 in

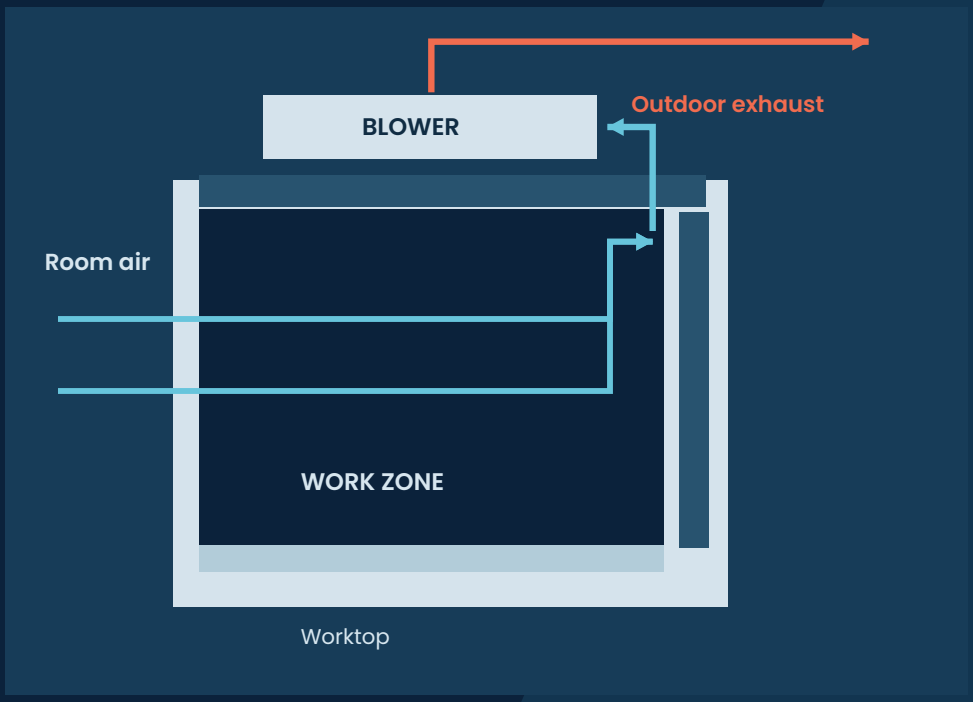
COMPARE INTERNAL WORKING WIDTHS



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

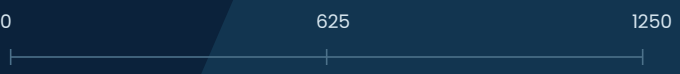
EXHAUST DUCT

Ø300 mm

Ø11.81 in / PVC

EXHAUST VOLUME BY MODEL

m³/h / CFM



FH1000E	570 m³/h / 335.5 CFM
FH1200E	710 m³/h / 417.9 CFM
FH1500E	930 m³/h / 547.4 CFM
FH1800E	1140 m³/h / 671.0 CFM

FILTRATION & AIR HANDLING

Optional filtration. 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



Water tap

Manual glass sash

Height-adjustable front access with a 750 mm / 29.53 in maximum opening.

Water services included

Water tap and sink support wet chemistry tasks.

Controlled ventilation

Microprocessor controls, 9 blower speeds and power-off memory.

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

DAILY USE

Two waterproof sockets with a combined load of 500 W. Noise: <68 dB.

PLAN THE SPACE. COMPLETE THE SETUP.

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

Shipping specification	FH1000E	FH1200E	FH1500E	FH1800E
Main-body package	1140 × 940 × 1900 mm 44.88 × 37.01 × 74.80 in	1340 × 940 × 1900 mm 52.76 × 37.01 × 74.80 in	1640 × 940 × 1900 mm 64.57 × 37.01 × 74.80 in	1940 × 940 × 1900 mm 76.38 × 37.01 × 74.80 in
Base-cabinet package	1140 × 940 × 1050 mm 44.88 × 37.01 × 41.34 in	1340 × 940 × 1050 mm 52.76 × 37.01 × 41.34 in	1640 × 940 × 1050 mm 64.57 × 37.01 × 41.34 in	1940 × 940 × 1050 mm 76.38 × 37.01 × 41.34 in
Gross weight	270 kg 595.2 lb	305 kg 672.4 lb	335 kg 738.5 lb	365 kg 804.7 lb

SASH OPENING

750 mm / 29.53 in

WORK SURFACE

900 mm / 35.43 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, water sink, LED lamp, two waterproof sockets (500 W total), built-in PP blower and 4.3 m / 14.11 ft PVC exhaust duct, Ø300 mm / 11.81 in.

OPTIONS Gas tap