PRODUCT OVERVIEW

DUCTED FUME HOOD

POLYPROPYLENE BODY / STRONG ACID & ALKALI RESISTANCE

P

SERIES

PP construction. For demanding chemistry.

Porcelain-white polypropylene construction and a phenolic resin worktop for strong acid and alkali applications.



0.3–0.8

m/s air velocity

59.1-157.5 ft/min

3-YEAR WARRANTY

FH1000P	FH1200P	FH1500P	FH1800P
787 mm	987 mm	1287 mm	1587 mm
30.98 in work width	38.86 in work width	50.67 in work width	62.48 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	FH1000P	FH1200P	FH1500P	FH1800P
External dimensions	1047 × 800 × 2450 mm 41.22 × 31.50 × 96.46 in	1247 × 800 × 2450 mm 49.09 × 31.50 × 96.46 in	1547 × 800 × 2450 mm 60.91 × 31.50 × 96.46 in	1847 × 800 × 2450 mm 72.72 × 31.50 × 96.46 in
Internal dimensions	787 × 560 × 700 mm 30.98 × 22.05 × 27.56 in	987 × 560 × 700 mm 38.86 × 22.05 × 27.56 in	1287 × 560 × 700 mm 50.67 × 22.05 × 27.56 in	1587 × 560 × 700 mm 62.48 × 22.05 × 27.56 in
Gross weight	226 kg 498.2 lb	254 kg 560.0 lb	294 kg 648.2 lb	346 kg 762.8 lb
Power consumption	400 W	400 W	500 W	700 W
LED illumination	24 W × 1	24 W × 1	30 W × 1	38 W × 1

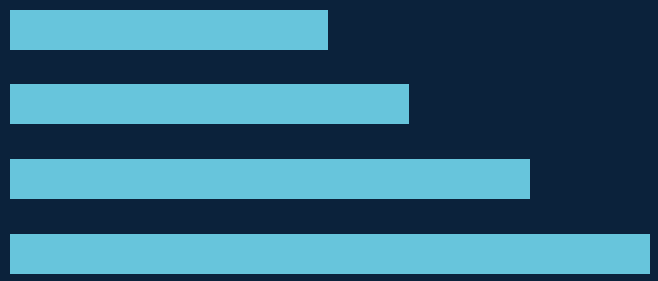
WORK SURFACE HEIGHT

820 mm / 32.28 in

MAXIMUM OPENING

740 mm / 29.13 in

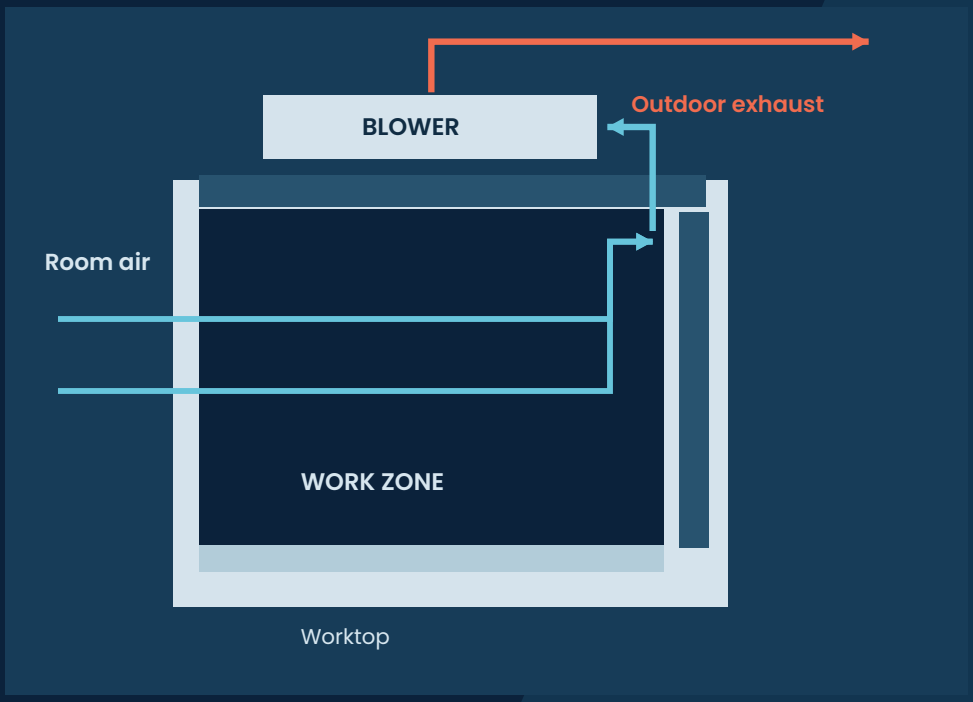
COMPARE INTERNAL WORKING WIDTHS



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

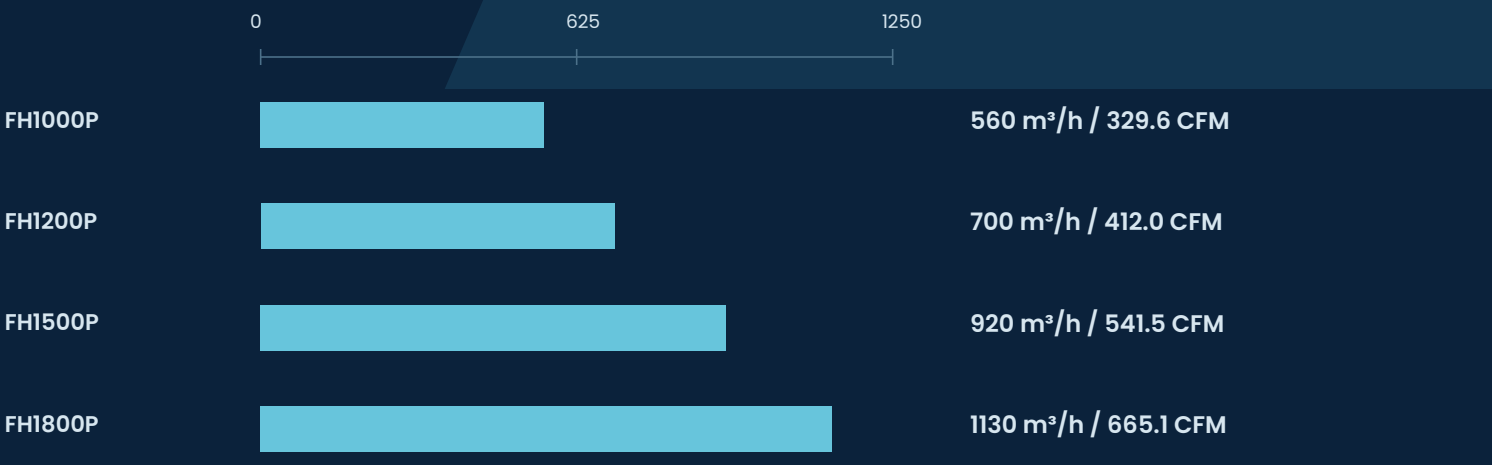
EXHAUST DUCT

Ø250 mm

Ø9.84 in / PVC

EXHAUST VOLUME BY MODEL

m³/h / CFM



FILTRATION & AIR HANDLING

FH1800P uses two PP centrifugal blowers; FH1000P, FH1200P and FH1500P use one.

PURPOSEFUL DETAILS. CONFIDENT CONTROL.

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



Control panel



PP sink

PP body

Polypropylene construction supports strong acid and alkali resistance.

Manual glass window

Height-adjustable, acid- and alkali-resistant toughened glass, 5 mm / 0.20 in thick.

PP water and gas services

PP water tap, PP gas tap and sink are supplied as standard.

Construction / operation	Specification
Cabinet body	Porcelain-white polypropylene (PP)
Worktop	Chemical-resistant phenolic resin
Front window	Manual, 5 mm toughened glass
Chemical resistance	Strong acids and alkalis
Supply voltage	110 V or 220 V versions

DAILY USE

FH1000P / FH1200P / FH1500P: one blower. FH1800P: two blowers.

INSTALLATION / DELIVERY CONFIGURATION

PLAN THE SPACE. COMPLETE THE SETUP.

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

Shipping specification	FH1000P	FH1200P	FH1500P	FH1800P
Main-body package	1188 × 938 × 1612 mm 46.77 × 36.93 × 63.46 in	1388 × 938 × 1612 mm 54.65 × 36.93 × 63.46 in	1688 × 938 × 1612 mm 66.46 × 36.93 × 63.46 in	1988 × 938 × 1612 mm 78.27 × 36.93 × 63.46 in
Base-cabinet package	1188 × 888 × 1000 mm 46.77 × 34.96 × 39.37 in	1388 × 888 × 1000 mm 54.65 × 34.96 × 39.37 in	1688 × 888 × 1000 mm 66.46 × 34.96 × 39.37 in	1988 × 888 × 1000 mm 78.27 × 34.96 × 39.37 in
Gross weight	226 kg 498.2 lb	254 kg 560.0 lb	294 kg 648.2 lb	346 kg 762.8 lb

SASH OPENING

740 mm / 29.13 in

WORK SURFACE

820 mm / 32.28 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

Two waterproof sockets, PP water tap, PP gas tap, water sink, PP centrifugal blower and pipe straps ×2 (×4 for FH1800P).

OPTIONS

Active carbon filter