

EchoSwift

FUME HOOD ECHO General Purpose



www.echoswift.com

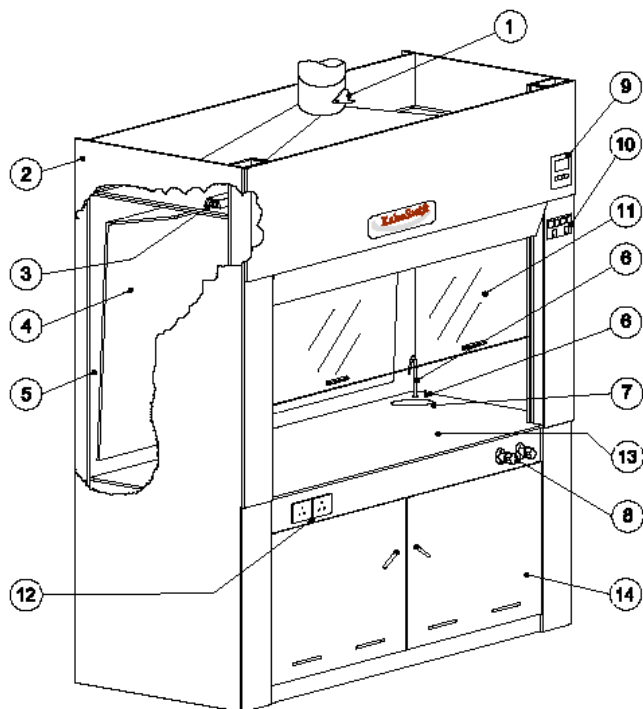
Health And Hygiene In Workplace Environment

The **EchoSwift** supplies Polypropylene fume hood for all applications and conditions. Considering the excellent chemical resistance are ideal for handling of acids or corrosive chemicals. Now you can have years of clean, safe handling & storage of your hazardous acid / corrosive chemicals and materials without the rusting due to metal construction products.

The **EchoSwift** fume hood is designed to give a very high degree of protection and safety environment to users from harmful, toxic or hazardous also ease of use, maintenance, and installation.

Ergonomic features safety features that are far above the industry standard and consistent airflow delivery for the life of the hood.

Our skillful team could design and install to comply with Use and Standard of Exposure Chemical Hazardous to Health (USECHH) Regulation 2000



- 1. Volume Air Damper**
Exhaust outlet with air damper (optional) for balancing airflow.
- 2. Main Body (Outer Skin)**
Polypropylene (*Excellent chemical resistance*)
- 3. Lighting**
2 x 20 watts fluorescent light. The white light provides a nature and conducive working environment.
- 4. Rear Baffle**
Baffle helps to even out the fume suction within the inner chamber and also assist in the disposal of heavy fumes. (Removal Baffle)
- 5. Inner Liner**
Polypropylene (*Excellent chemical resistance*)
- 6. Water / Gas Outlet**
One way cold water / LPG gas outlet
- 7. Drip Cup**
Oval polypropylene drip cup with anti siphon bottle trap.
- 8. Water / Gas Tap**
Remote control for cold water and LPG gas outlet.
- 9. Airflow Safety Monitor (Recommended)**
The optional electronic safety monitor activates an alarm if face velocity reaches a predetermined set point.
- 10. Switch Point**
On/off button for fume hood with LED indicator and switch for fume hood lamp.
- 11. Sash**
The sash is made from 6mm thick toughened glass. The sash counterbalanced with weight linked by stainless steel cable running over nylon pulleys. The sash fits snugly into the sash guide within the side channels to provide for smooth and easy operation.
- 12. 13 amp Power Socket**
- 13. Worktop**
Moulded from black or grey epoxy 19mm thickness c/w anti-spill edge all round to curb any accidental spillage. or toughened tempered glass 10mm thickness.
- 14. Base Cabinet**
The Base cabinet made of Polypropylene with air venting (for storage acid or corrosive chemical)

SPECIFICATION	MODEL		
	ECHO 1.2 GP	ECHO 1.5 GP	ECHO 1.8 GP
Description			
Dimension (W x D x H) mm	1200 x 760 x 2400	1500 x 760 x 2400	1800 x 760 x 2400
Internal Dim. (W x D x H) mm	940 x 620 x 1248	1240 x 620 x 1248	1540 x 620 x 1248
Construction	Main Body (Outer Skin): Polypropylene (<i>Excellent chemical resistant</i>) Inner Liner: Polypropylene (<i>Excellent chemical resistant</i>) Worktop: Solid Cast Epoxy Resin thickness 19mm or tempered glass 10mm thickness Sash: Tempered glass, 6mm thickness (toughed glass) Base cabinet: Polypropylene with air venting (for storage acid or corrosive chemical)		
Service Fixtures	Drip cup made of polypropylene (PP) 1 unit gas fixture (gas control valve can be added on request) 1 unit water fixture (water control valve can be added on request) 2 units 13 Amp electrical socket outlet		
Lighting	2 x 20 watts Soft fluorescent light for interior illumination		
Optional	Centrifugal Fan/ Blower 3 or 1phase (FRP, P.P, etc.) Remote baffle control (1 unit) Volume air control/ Damper (PVC) Airflow safety monitor		

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Distributed by:

Fan / Blower



FRP Fan



P.P fan



Belt Driven

Accessories



Impeller (P.P)



Motor



Gas Phase Filter



Airflow monitor

Service



Testing

