



PERCHLOR ELITE Range - General Purpose Plastic Ducted Fume Cupboards

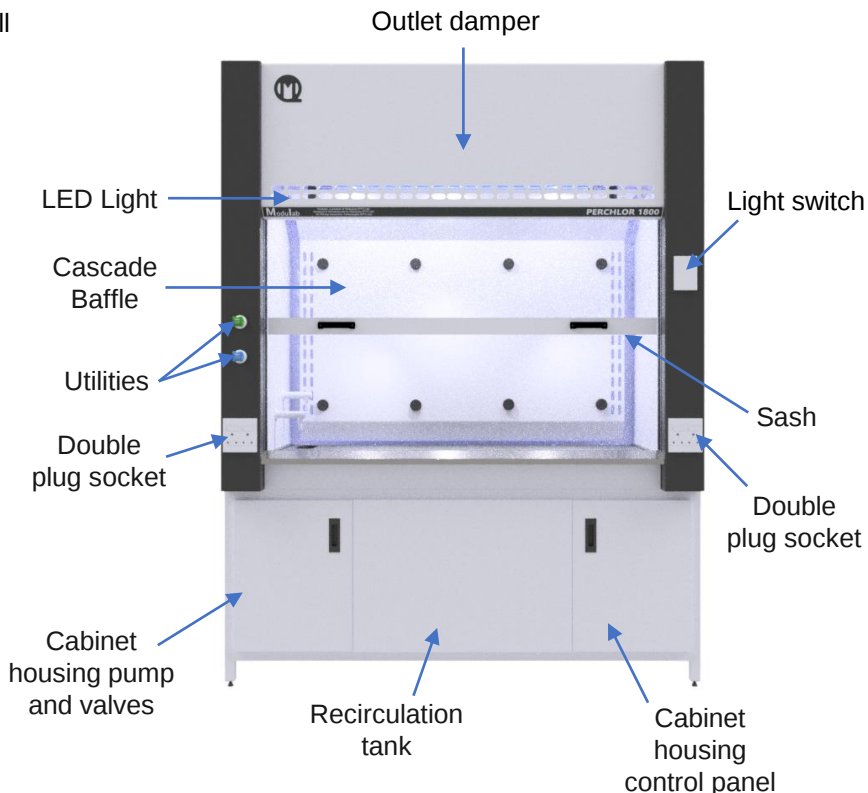
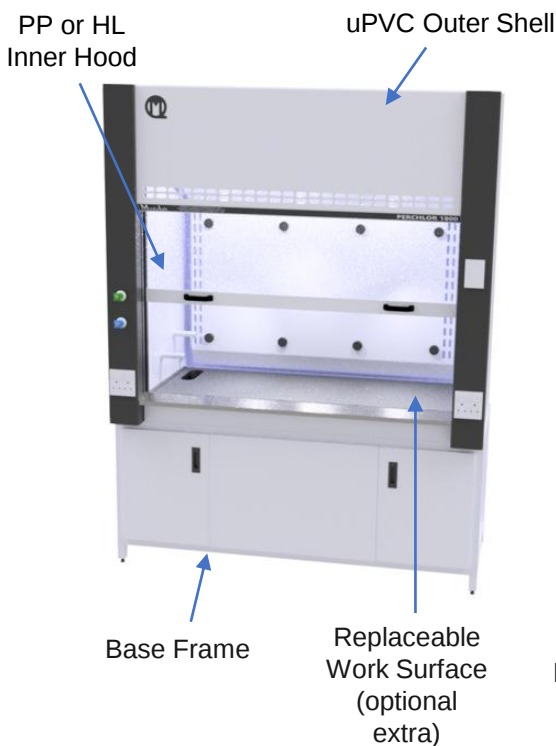
Modulab's PERCHLOR ELITE range of automated fume cupboards are specifically engineered for applications where Perchloric Acid is used. Due to the well-known risks associated with dry Perchloric Acid, all fume cupboards in this range are built with continuous wetted extraction which arrests the majority of Perchloric Acid fumes before they enter the ducting system. This wetted extraction comes complete with a recirculation tank and pump. All PERCHLOR Fume Cupboards are fitted with built-in wash down facilities thus giving the user the ability to wash down all wetted surfaces with ease after every use. This ensures that no unwanted Perchloric Acid mists are allowed to dry out on surfaces inside the fume cupboard.

Standard Features:

- Outer shell made from chemical resistant uPVC
- Internal hood made from DiBt approved Polypropylene.
- Manually operated cast polycarbonate sash – fully closable
- IP68 LED light – Bright White
- 4 x double 240VAC plug sockets (Single Phase)
- Touch screen control
- Replaceable sacrificial UHMW-PE work surface
- Manually adjustable outlet damper
- Cascade plate baffle
- Recirculation tank c/w automated level control
- Recirculation pump
- CIP ring main
- Powder coated, mild steel base frame with adjustable feet
- PVC-F cabinets
- Type A Air Flow Monitor c/w low flow alarm & indicator light

Optional Extra Accessories:

- Variety of front control utility taps and faucets (Water, LPG, Vacuum, Nitrogen etc.)
- Oval drip cup (260x100mm) with waste and bottle trap
- 300x300x200mm Deep Polypropylene sink.
- TEL AFA4000 Airflow monitor
- Automated control damper (only with AFA4000)
- Mechanically operated sash control (only with AFA4000)
- High sash alarm (only with AFA4000)
- Automated PH readout module





★ We build custom sizes on request

Models and Specifications

Models	PERCHLOR ELITE 1500	PERCHLOR ELITE 1800	PERCHLOR ELITE 2100	PERCHLOR ELITE 2400
M.O.C Fume Cupboard:	uPVC Outer + PP-H			
M.O.C - Cabinetry:	PVC-F			
Outer Width:	1500 mm - (150 cm)	1800 mm - (180 cm)	2100 mm - (210 cm)	2400 mm - (240 cm)
Outer Depth:	900 mm - (90 cm)			
Outer Height (Full Assembly):	2350 mm - (235 cm)			
Inner Cupboard Width:	1250 mm - (125 cm)	1550 mm - (155 cm)	1850 mm - (185 cm)	2150 mm - (215 cm)
Inner Cupboard Depth:	600 mm - (60 cm)			
Inner Cupboard Height:	1080 mm - (108 cm)			
Opening Height – Open Sash:	750 mm - (75 cm)			
Voltage:	240 VAC - Single Phase			
Weight:	120 kg	150 kg	175 kg	200 kg
Sash Type:	Sliding Sash			
Outlet Ducting Size:	Ø250mm - (Ø25cm)	Ø250mm - (Ø25cm)	Ø315mm - (Ø31.5cm)	2 x Ø250mm (2 x Ø25cm)

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