

# FUME CUPBOARDS FOR SCHOOLS

## BASIC SET:

**WORKING CHAMBER:** the main frame of the upper part is constructed of powder painted square tube welded frame, to which the working chamber panels made of your chosen material are attached. The walls on three sides of the school fume cupboard are made of 5 mm tempered safety glass, which allows students to observe experiments from all sides. The sliding front window in aluminium frame is made of 6 mm tempered glass. The sliding front window in aluminium frame can be fixed with counterweights; a chemical safe toothed belt with reinforcing wire is used in the drive. To limit the working height of the front window, stoppers on the sides limit the window from opening more than 500 mm while working. For service, the window can be opened up to 700 mm. The height of the fume cupboard's inner space is 1100 mm.

**MAIN FRAME OF THE FUME CUPBOARD** is constructed of 50x25x2 mm powder painted square tube welded frame, which meets the standards set in EVS-EN 13150. The fume cupboard has a stainless steel working surface.

## ELECTRIC SUPPLY:

4x230 V 50 Hz IP44 outlets, LED lighting

## AUTOMATICS ACCORDING TO THE RECOMMENDATIONS IN STANDARD EN14175:

- Digital air flow speed meter
- Audio-visual alarm
- Inner light switch on the screen
- Option to control the extract ventilation (the ventilation system is not included in the price)



MAIN MEASUREMENTS <sup>1</sup>		
Width	Depth	Height
1200	800	2200
1500		
1800		

<sup>1</sup>Fume cupboards are also available in other sizes. The width is based on the recommendations of EVS-EN14175.

## ADDITIONAL OPTIONS (NOT INCLUDED IN THE BASIC PRICE):

- Fume cupboard body made of different materials: chipboard, compact plastic, metal
- Working surfaces made of different materials: monolithic ceramics, epoxy resin, polypropylene, Durcon
- Small sinks made of different materials with chemical-safe integral trap and polypropylene drain pipes
- VAV-valve with extract ventilator
- Taps for hot and cold water, special gases, burning gases and a vacuum tap
- Storage cupboard underneath, ventilated chemical storage cupboards with an automated valve for constant air volume and a polypropylene tub that slides out
- Fire resistant ventilated storage cupboards for chemicals