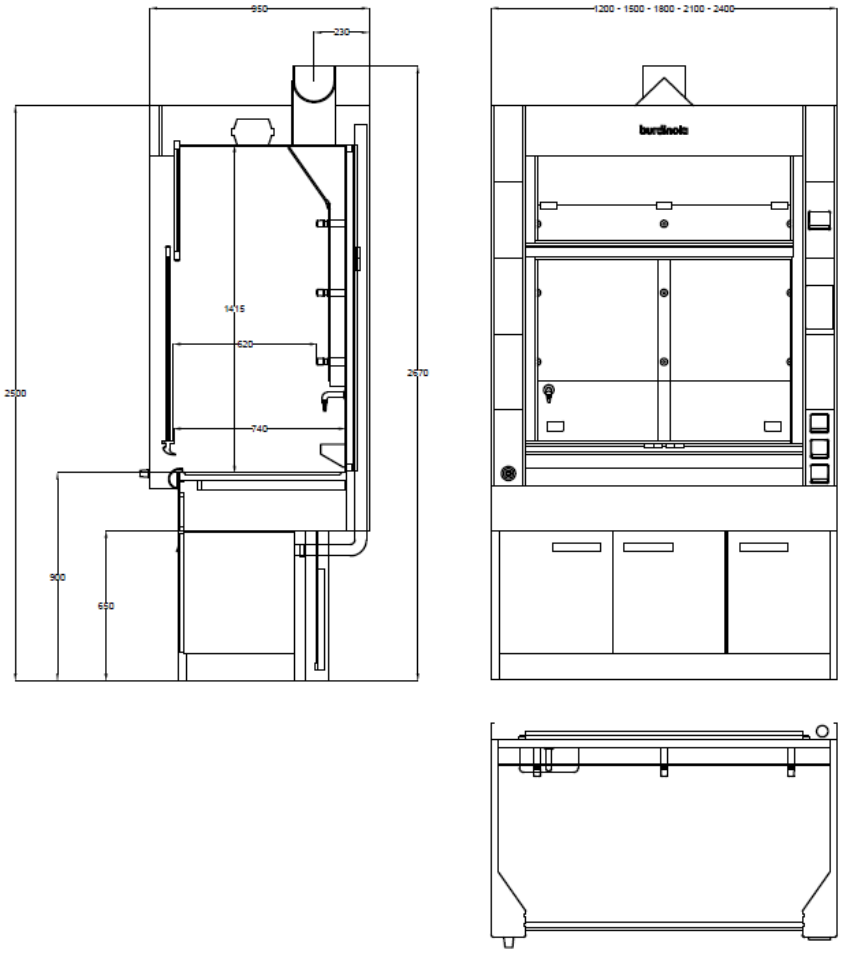
eFlex ST FUME CUPBOARD TECHNICAL DATA SHEET.

The ST family of fume cupboards is intended for general laboratory use - recommended for the evacuation of vapours, fine dust and light particles from the work area in order to avoid contamination of the laboratory atmosphere.



Dimensional Data (Tol ±5 mm.)

	1200	1500	1800	2100	2400
Electrical Bases 230V/16A IP54	3	3	3	3	3
Magneto-thermal protection	1	1	1	1	1
Fume cupboard Control	eFlex Touch	eFlex Touch	eFlex Touch	eFlex Touch	eFlex Touch
Cold water tap	1	1	1	1	1
Worktop PP Pool	Stoneware 1	Stoneware 1	Stoneware 1	Stoneware 1	Stoneware 1
Luminaire	2 pc. 2x55W	2 pc. 2x55W	2 pc. 2x55W	3 pc. 3x55W	3 pc. 3x55W
Extraction outlet (*)	1xØ250	1xØ250	1xØ250	2xØ250	2xØ250

Busbar support	6	6	6	8	8
No. Guillotines No. of sliding glass panes	1 2	1 2	1 2	1 2	1 2

(*) The outlet diameters may vary depending on the installation.

Interior cabin

Indoor cabinet of 6 mm HPL high pressure compact laminate with acrylic urethane coating.

The smooth, non-porous surfaces of Fundermax Max Compact Interior Plus B1 prevent the development of micro-organisms.

The hygienic properties of Fundermax Max Compact Interior Plus B1 remain unchanged, even under the most extreme conditions.

The material Fundermax Max Compact Interior Plus B1 has flame retardant properties.

Working surface

Work surface in 26 mm thick vitrified stoneware slab with perimeter rim to retain 5 l/m2, as well as an oval basin with rim to prevent accidental spillage. Mounted directly on the structure by means of levelling supports.

Structure

Side structures made of Fundermax Star Favorit Superfront panels with laminated surface on both sides and flame-retardant properties Euroclass B-S1-D0 according to DIN 4102-1.

The outer faces are protected by a resin coating that is resistant to chemical attack, impact and abrasion.

Interior structures made of cold-rolled steel tubes (thin carbon steel).

Protection of interior structures is by powder coating based on polyester resins formulated without TGIC. Thickness ≥70µ.

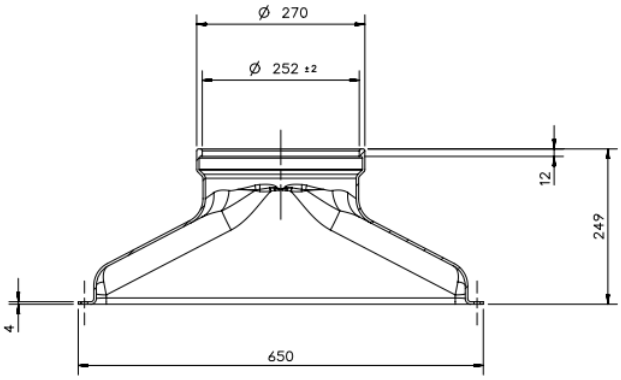
Sash window

Sash window made of extruded aluminium sections, with guides to facilitate the movement of the 6 mm thick glass panes (3+3 mm bi-laminar safety glass).

All aluminium and steel profiles are protected against acids, bases and alkalis as well as impact and abrasion by a thermo-hardened powder coating based on epoxy resins (epoxy-polyester powder).

Extraction hood

As a general rule, the 1200 mm, 1500 mm and 1800 mm versions have a single centrally positioned suction hood. This hood is a rotomoulded part with the following characteristics.



In the case of higher modulations (2100 mm and 2400 mm) there are 2 hoods distributed longitudinally, achieving a very linear sweep on the front of the sash, even improving the performance of lower modulation fume cupboards, as shown in the image below.