Laboratory fume cupboards "Walking" to the ground

FOR STEAM, ACIDS, BASES AND SOLVENTS EXTRACTING

SAFETY: DESIGNED AND BUILT MEETING EUROPEAN STANDARD UNE-EN 14175-2

COMMON FEATURES

Inner working chamber built in thermo stable compact resins, anti-acid and anti-moisture. M1 fire resistance.
Extraction system with perfectly balanced injected polypropylene turbine. Coupled and protected engine outside the fumes way.
Vertical guillotine door with adjustable height in any position and 3 + 3 mm laminated glass slide in three sections creating a high resistance protection screen.
Self-supporting structure made of structural elements with a 2 mm thick steel tube, degreased, phosphated and coated with a 70 µ layer of epoxy paint vitrified in the oven. This structure is completely isolated from the work cabin and the contact with gases.
External cover in white melamine board or thermo stable resins with a high degree of environmental humidity.

Fume cupboard specially designed for pilot plant assemblies or special techniques where a large free interior space is required, fully accessible within the cabin.



TECHNICAL FEATURES

Lightning level: More than 500 Lux in working area IP 55 or ATEX*.
Extraction volume: from 420 to 4.500 m3/h.
Engines: from 0,37 to 2,2 CV - IP55 or ATEX*.
Voltage: 220V/50Hz. Single phase/three phase
ATEX*: if we work with flammables, solvents or hydrocarbons.
On request: automatic control unit for variable flow (motor) depending on the door opening function. Failure alarm.
On request: Perimeter and roof in GRES continuous for working with sulfuric acid.
On request: Perimeter and roof in GRES continuous for working with perchloric acid. Includes gas scrubber.

CONTROL PANEL

ON/OFF push button with green LED and electrical sockets 230V/16A.
Fuel regulator knob (Yellow).
Nitrogen regulator knob (Blue/green button).
Vacuum regulator knob (Grey/black button).
Air regulator knob (Blue/yellow button).
Water regulator knob (Green/blue button)
Safety locking pin on door for the recommended working position.
It can be supplied with customized measures on demand.
Standardized stainless steel supports for general use supplied on demand.



MODELS	Part No.	Height / Width / Depth (exterior) cm	Height / Width / Depth (interior) cm	Weight Kg
VG-VW-1420	5001642	270 150 90	182 125 63	116
VG-VW-1720	5001643	270 180 90	182 155 63	148
VG-VW-2020	5001644	270 200 90	182 175 63	180

ACCESSORIES

Mounting kit

2 PVC pipes Ø200 x 200 cm. Code 5001617
2 PVC elbows Ø200 of 90º. Code 5001623
1 PVC elbow Ø200 of 45º. Code 5001621
1 anti-bird outlet Ø200. Code 5001629
1 PVC elbow Ø200 of 45º. Code 5001621
2 flexible Ø200 (25 cm per tube). Code 5001619