Laboratory fume hood "VG-BS"

FOR STEAM, ACIDS, BASES AND SOLVENTS EXTRACTING.

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

COMMON FEATURES

Antiacid continuous ceramic worktop with anti-dumping peripheral rim and evacuation sink. Polypropylene basin for lateral evacuation.
Inner working chamber built in thermo stable compact resins, antiacids 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 three sections of 3 + 3mm laminated glass slide which creates a high resistance protection shield.
Self-supporting structure, made of structural elements with 2 mm 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 working cabin and from the gases contact.
External cover in white melamine board or thermo stable resins in high humidity environments.

ASSEMBLY SYSTEM INTO TWO BODIES

Upper body with cabinet and embedded extractor.
Lower body with a structure, ceramic worktop and remote control panel for fluids and gases in an horizontal housing.
Optional: working system (Walking) at ground level for the input and working with machinery, reactors and organic synthesis appliances. (Request information).

TECHNICAL FEATURES

Lighting 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 flammable, solvents or hydrocarbons.
On request: Automatic control unit for variable flow (motor) depending on door's opening. Failure alarm.
On request: Perimeter and ceiling in continuous tiles, for working with sulfuric acid.
On request: Perimeter and ceiling in continuous tiles, for working with perchloric acid. It comes with gas washing.



Can be supplied with custom measurements on demand.
*G = Antacid stoneware throughout the interior of the upper cabin

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 recommended working position.

MODELS	Part No.	Height / Width/ Depth Upper body (exterior) cm	Height / Width/ Depth Lower body (exterior) cm	Height / Width/ Depth Upper body (inner) cm	Height / Width/ Depth Lower body (inner) cm	Upper Weight Kg	Lower Weight Kg
VG-BS-1220	5001613	180 120 90	90 120 90	130 95 69	72 95 55,5	104	64
VG-BS-1420	5001614	180 150 90	90 150 90	130 125 69	72 125 55,5	102	96
VG-BS-1720	5001615	180 180 90	90 180 90	130 155 69	72 155 55,5	180	128
VG-BS-2020	5001616	180 200 90	90 200 90	130 175 69	72 175 55,5	208	160
VG-BS-1220	5001631 Atex+G*	180 120 90	90 120 90	130 95 69	72 95 55,5	124	64
VG-BS-1420	5001632 Atex+G*	180 150 90	90 150 90	130 125 69	72 125 55,5	162	96
VG-BS-1720	5001633 Atex+G*	180 180 90	90 180 90	130 155 69	72 155 55,5	200	128
VG-BS-2020	5001634 Atex+G*	180 200 90	90 200 90	130 175 69	72 175 55,5	248	160

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

Safety cabinets

Part No.	Acids & base	Flammables	Doors
5001625	Yes	No	1
5001626	Yes	No	2
5001627	No	Yes	1
5001628	No	Yes	2