

Technical specifications GFH 5300



Green Fume Hood 5300

Structure	Metallic parts	Electrogalvanized steel sheet - anti acid polyester coating
	Front Sash	Laminated glass
	Side panels	Laminated glass
	Control panel	Polypropylene (PP) - Acrylonitrile Butadiene Styrene (ABS)
	Work surface	Phenolic resin
Technical specifications	Processed air flow	between 660 and 690 m ³ /h
	Average air face velocity	between 0,4 and 0,6 m/s
	Working sash height	34 cm at 0.5 m/s 66 cm at maximum working sash height
	Fan electrical protection rating	IP44
	Voltage	100 - 240 v
	Frequency	50 - 60 Hz
	Total power consumption	5A max
	Noise level	67 dbA at 4600 t/m
	HEPA filter	HEPA H14 - 99,995% filtration efficiency (according to EN-1822 - MPPS test)
	Molecular filter	Neutrodine® - discharge inferior to 1% of the TLV (according to NF X 15-211 : 2009 standard)
	Pre-filter	Electrostatic filtering media
	Weight	180 kg
	Enclosure air renewal	664 times/hour

Standards

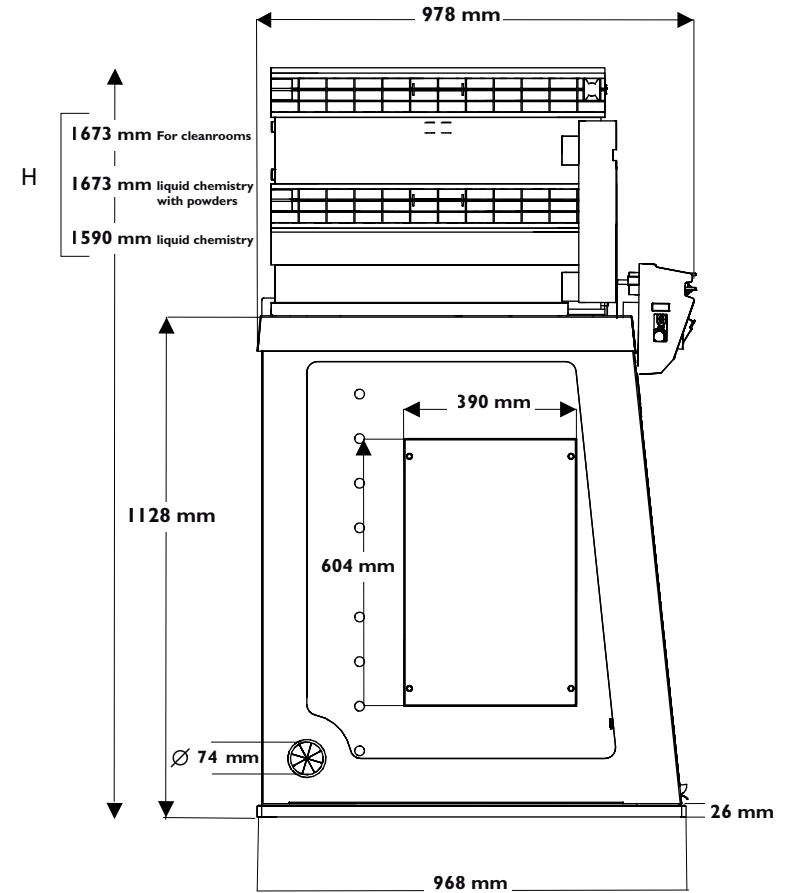
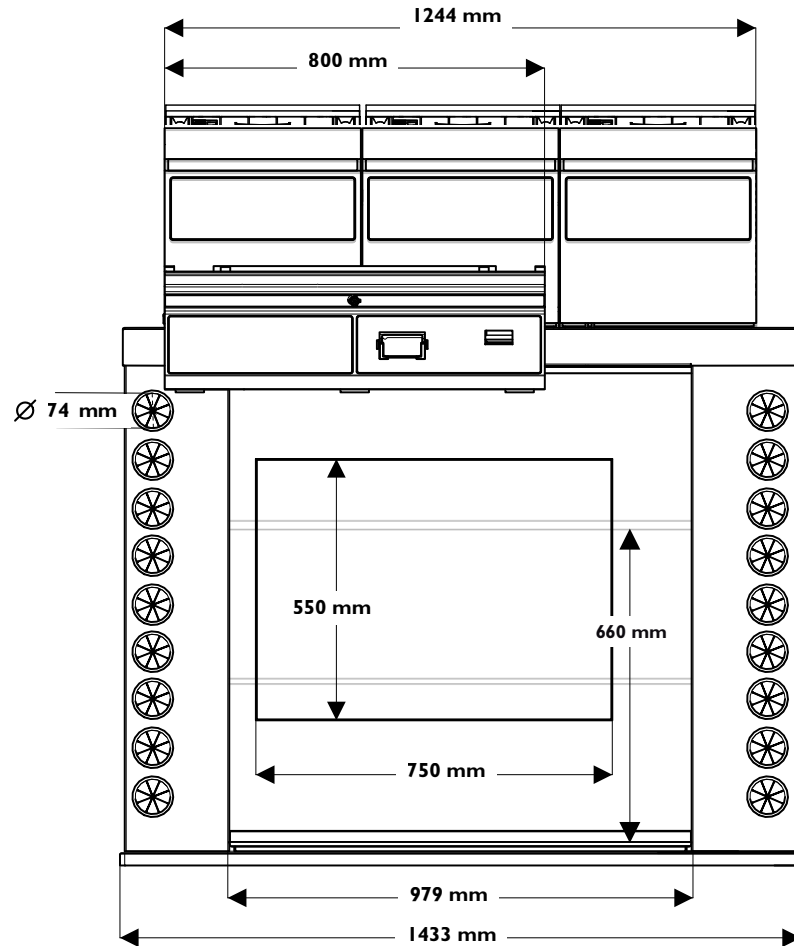
Compliant with the AFNOR NFX 15-211 : 2009 standard requirements
Containment tested according to ANSI / ASHRAE 110-1995 - EN 14 175 standards
CE marking

Standard equipment	Master module	1
	Number of modular filtration columns	3
	Number of main filters	B - Liquid chemistry : 3 G - Clean room : 3 D - Liquid chemistry and powders :3
	Number of safety back up filters	B - Liquid chemistry : 3 G - Clean room : 3 D - Liquid chemistry and powders : 3
	Number of HEPA Filter	B - Liquid chemistry : 0 G - Clean room : 3 D - Liquid chemistry and powders : 3
	Number of pre-filters	3
	Number of fans	3
	Temperature sensor	Control range: -15 to 120° C Alarms at 60 and 80°C
	Sash position detection system	from 15 to 66 cm
	Lighting	type 2 G11 - IP68 Compact fluorescent tubes x 3 1x18 Watt (1 tube per module) - ≥ 500 lux
	Embedded electronic system	ARM 9 Motherboard - 16 Mo cache Windows CE 5.0
	Ethernet port	1 RJ45 port
	Access control	RFID card access control: 3 access levels
Molecode S (solvents)	semi-conductor sensor	
Laboratory air quality sensor	semi-conductor sensor	
Utility module	Module for fluid integration (right module) Module for electrical accessories (left module) - Access door	

Optional equipments

gGuard™	Remote monitoring software
gStation	Fixed work bench
Molecode A (acids)	Electrolytic cell
Electrical equipments adapter	Standard 45x45
Taps adapter	diam. 22 or 27 mm for direct taps or remote control
Mounting racks supports	Aluminium diam. 16 mm

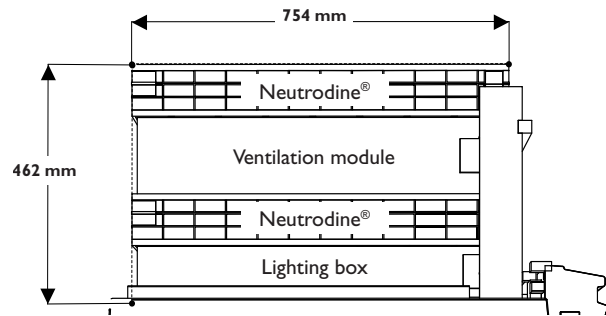
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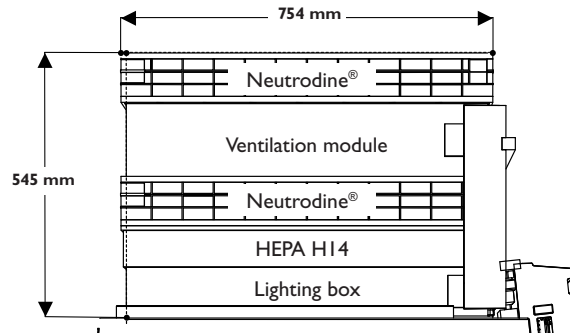
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Filtration columns types

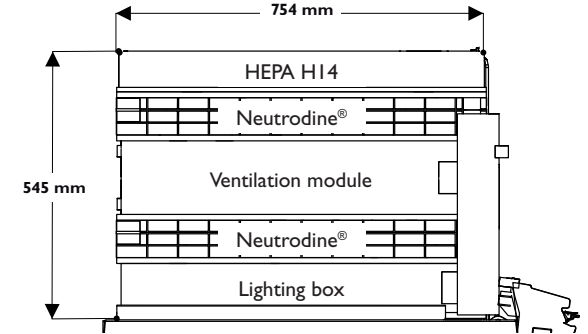
B For liquid chemistry



D For liquid chemistry with powders



G For cleanrooms



Work surface

