



# POSITIVE PRESION VERTICAL LAMINAR FLOW CABINETS

## MODELS FLSR

This unit is designed to provide protection to the product in PCR procedures, tissue cultures, media preparation, sterile work, etc...

### WORKING PRINCIPLE

An air stream is aspirated from outside and pre-filtered. Then, it is filtered through an HEPA (H14) filter to the work surface, at a speed greater or equal to 0.4 m/s (according to international standards), ensuring that no particles enter the work zone and achieving total protection of the product, even in difficult working conditions. The units work in sterile vertical laminar flow class 100 (fed. Std 209E) or ISO 5 (UNE EN ISO 14644). Finally, the air flow is exhausted from the unit through a frontal access, generating a positive pressure barrier.



### CHARACTERISTICS

- Made of folded steel and painted with high resistance paint.
- Washable pre-filter made of polyamide materials, with 90% efficiency for particles of 5 µm diameter. It is located in the upper part of the unit.
- HEPA (H14) filter with 99.999% efficiency for particles of 3 µm diameter EN 1822.
- High capacity, very low noise BLOW EC capable of handling supply to laminar flow as well as the positive pressure barrier.
- Manual control system indicating motor performance, control of working and rest speeds. This panel also controls WHITE illumination LED and UV light.
- Illumination by fluorescent tube, located in a frontal position, to avoid the operator casting shadows over the work.
- Stainless steel work surface.
- GREEN LINE Very low power consumption by adopting EC motors, LED lighting, stand by Flow mode.
- Options:
  - Analog manometer to check filter saturation.
  - Vacuum and gas connections. 220V connection inside.



#### MAIN OFFICE

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#### DELEGATIONS

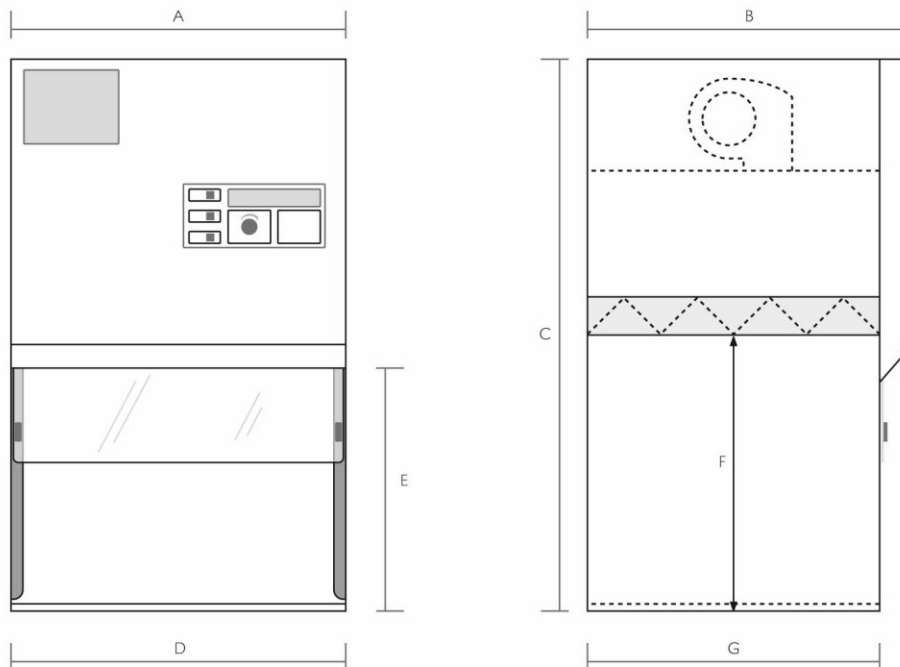
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## MODELS FLSR

### DIMENSIONS



MODEL	AREA	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (Kg)	Consumption (W) Aprox.
FLSR 60	615 X 615 mm	620	690	1070	560	500	585	620	60	200
FLSR 80	765 X 615 mm	77	690	1170	710	500	585	620	75	250
FLSR 95	915 X 615 mm	920	690	1320	860	650	735	620	80	300
FLSR 120	1225 X 615 mm	1230	690	1320	1170	650	735	620	115	350
FLSR 150	1530 X 615 mm	1535	690	1320	1475	650	735	620	125	400
FLSR 180	1835 X 615 mm	1840	690	1320	1780	650	735	620	150	450

### ORDERING INFORMATION

CODE	DESCRIPTION
00-FLSR 60	VERTICAL LAMINAR AIR FLOW MOD. FLSR60
00-FLSR 80	VERTICAL LAMINAR AIR FLOW MOD. FLSR80
00-FLSR 95	VERTICAL LAMINAR AIR FLOW MOD. FLSR95
00-FLSR 120	VERTICAL LAMINAR AIR FLOW MOD. FLSR120
00-FLSR 150	VERTICAL LAMINAR AIR FLOW MOD. FLSR150
00-FLSR 180	VERTICAL LAMINAR AIR FLOW MOD. FLSR180
51-MANOCAB	MANOMETER DWYER MINIHILIC
52-MSOP XXXX	SUPPORT TABLE FOR FLSR XXXX
52-MSOP XXXX-D	ASSEMBLY SUPPORT TABLE FOR FLSR XXXX
77-GRIREGAB	WHITE TAP FOR GAS (HEAD YELLOW) 3/4 INCH
77-GRIREVAC	WHITE TAP FOR VACUUM (HEAD GREY) 3/4 INCH
00-TOMA220TA	ELECTRICAL SOCKET 220V (16A) WITH LID AND UNDERGROUND