

SafeFAST Premium

Class II Microbiological Safety Cabinets

SafeFAST Premium Microbiological Safety Cabinets are the new benchmark in laminar air flow technologies belonging to the latest generation of laminar airflow systems manufactured by Faster.

SafeFAST Premium is a jump into the future beyond strictest safety standards delivering outstanding performances in terms of power consumption, noise level and CO₂ emissions.

SafeFAST Premium vertical laminar flow cabinets are Class II Microbiological Safety Cabinets are designed and built to the performance requirements of the EN 12469: 2000 European Standard, with 70% of the air recirculated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining 30% is discharged through an exhaust Class H14 HEPA/ULPA filter.

SafeFAST Premium safety cabinets feature automatic regulation and microprocessor based monitoring systems. These cabinets are suitable for handling micro-organisms and pathogens as defined by the appropriate European and other International Standards, current health and safety guidelines and legislation aimed at safeguarding health and safety of operators at work.

SafeFAST Premium Microbiological Safety Cabinets are fitted with direct current double motor-fans and are also suitable to discharge the filtered air outside the laboratory through a ducting system, if required.

Features:

ELECTRICALLY OPERATED SASH WINDOW

The standard height of the work position sash is set to 160mm. Alternative sash height setting is available upon request. 440mm maximum opening.

REMOVABLE WORK SURFACE

Work surface in stainless steel AISI 316L consisting of sections which are easily removable for carrying out routine cleaning and/or autoclaving sterilisation procedures. As standard, the cabinets are supplied with perforated work surface, solid work surface is available on request.

SILENT OPERATION

With its 42dB of sound pressure level, SafeFAST Premium is the most silent cabinet worldwide. Working with SafeFAST Premium, the operators will experience the real sound of silence. The unit is such silent that it is difficult to say if it is running or not. Thanks to direct current low power consumption motor blowers, innovative plenum design and certified low pressure drop H14 HEPA/ULPA filters, SafeFAST Premium recorded noise level performance way below the parameters specified in the current EN 12469:2000.

ERGONOMIC DESIGN

The 7° angled safety-glass, provides optimum visibility of all objects placed in the interior work-space together with higher lightning level. The sash is electrically operated; pressing the appropriate touch sensitive keys will completely open or completely close down the sash.



Specifications:

Model	Premium 209	Premium 212	Premium 215	Premium 218
Product Code	FASTF00024900000	FASTF00025200000	FASTF00025500000	FASTF00025800000
External Dimensions; W x D x H (mm)	1045 x 1545 x 855	1350 x 1545 x 855	1655 x 1545 x 855	1960 x 1545 x 855
Internal Dimensions; W x D x H (mm)	887 x 740 x 580	1192 x 740 x 580	1497 x 740 x 580	1802 x 740 x 580
Standard Working Aperture (mm)	160			
Maximum Front Aperture (mm)	440			
Weight (Kg)	170	195	225	260
Exhaust Flow Rate (m ³ /h)	290	390	485	585
Noise Level (dB)	<42	<42.5	<47	<49
Lighting Level (lux)	>1100	>1200	>1300	>1300

OPTIONS AND ACCESSORIES

- Solid Work Surface • Single Section Work Surface • UV Light with Magnetic Support • Additional Tap (Fuel Gas /Non-Fuel Gas / Vacuum) • Additional Electrical Outlet • Stainless Steel Hanging Bar • Movable Stainless Steel Armrest
- Direct Duct Exhaust Transition • Thimble Duct Exhaust Transition • Pre-Filter Grid • Floor Stand 900 mm Working Height With Footrest (other heights on request) • Electric Adjustable Floor Stand 780 to 1080 mm working height • Floor Stand With Castors

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