

4 more Labor[®]

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- FILTER FUME CUPBOARD WITH 500 MM
CLEAR OPENING ACCORDING TO EN STANDARD

WE BUILD YOUR **FILTER FUME CUPBOARD** ACCORDING TO ERGONOMIC ASPECTS AND THE HIGHEST STANDARDS FOR YOUR SAFETY

Our new StellaAIR® filter fume hoods enable you to work safely without an external exhaust air connection with our qualified selection of filter cassettes.

We offer 3 basic sizes with a width of 900, 1200 and 1500mm. (Other sizes are available on request)

Our fume hoods are designed in such a way that everyone can assemble them themselves, like a modular system.

We use high-quality materials made of PMMA, epoxy-coated steel and stainless steel. With our standard rear baffle plate, we not only guide the air flow over the ceiling filter, but also redirect the air flow to achieve an optimum flow in the open working area.

We offer you a working opening of 500 mm to ensure comfortable operation. A key control panel with an LCD display, touch buttons, and a maintenance indicator come standard. Also included is LED lighting, though without a worktop, allowing for direct installation on your worktable.

- Completely portable
- Simple and intuitive set-up possible (this also applies to filter replacement after maintenance intervals). When validating the filters after replacement, we recommend servicing via one of our qualified trade partners
- Transparent side and front window for all-round visibility when working
- All our filter fume cupboards have full-width working access with a permanent access opening 500 mm high.
- All fume cupboards have one powerful fan per filter module

Protection of User: StellaAIR® Fume hoods protect the operator from vapors, aerosols and/or particles while performing laboratory procedures. We use several filter elements, depending on their application.

Activated Carbon/HEPA Filter Options: To ensure maximum safety, we qualify the frequency of use of your chemicals to find the best filter composition for you.

We have 6 different Filter types that we can also put together in combination.

With the option of a HEPA module, we even achieve a measurable performance value like with a safety cabinet.

All prints are checked before delivery. The corresponding Measurement certificates are available upon request.

Power supply: 110-230 V, AC, 50 Hz, 8A, with country-specific network adapters



Standards: StellaAIR® meets the requirements of all major standards for containment and filtration: US Standard ASHRAE 110: 1995 12-203 (for containment)

British Standard BS 7989:2001 (for filtration efficiency and retention).

The rear baffle is standard to achieve a flow velocity at the front disc of up to 0.6m/s with 500mm free working area.

French standard AFNOR NFX 15-211:2009 - Class 1 (for filter retention capacity)

TECHNICAL PERFORMANCE DATA

Specification	StellaAIR® F900	StellaAIR® F1200	StellaAIR® F1500
External dimensions (WxHxD)mm	900x1450x740 Overhang ceiling module +100mm	1200x1450x740 Overhang ceiling module +100mm	1500x1450x740 Overhang ceiling module +100mm
Use Mass WxDxHmm	880x1100x650	1180x1100x650	1480x1100x650
Table top	without	without	without
Substructure with worktop	optional	optional	optional
Castors with locking device	optional	optional	optional
Table top for table	HPL/Stainless steel/Stoneware	HPL/Stainless steel/Stoneware	HPL/Stainless steel/Stoneware
LED light	1500 LUX	1500 LUX	1500 LUX
Connection	110-230V/50Hz	110-230V/50Hz	110-230V/50Hz
Cable entry left and right	standard	standard	standard
Sockets in the fume cupboard	optional	optional	optional
Fan modules series each 400m³/h	1	2	3
Filter Modules (selected according to qualification)	1-3	2-6	3-9
Available filter modules			
Activated Carbon Combo BU	1-2	2-4	3-6
Activated Carbon Acid+	1	2	3
Formaldehyde filter	1	2	3
Ammonia filter	1	2	3
HEPA-H14	1	2	3
HEPA-ULPA	1	2	3
Prefilter	1	2	3

Ordering information: Please contact us for more information on the configuration of your model and alternative filter types, as well as other options such as mobile installation and service options.

We will help you to qualify and configure your StellaAIR® filter fume cupboard according to your requirements.



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