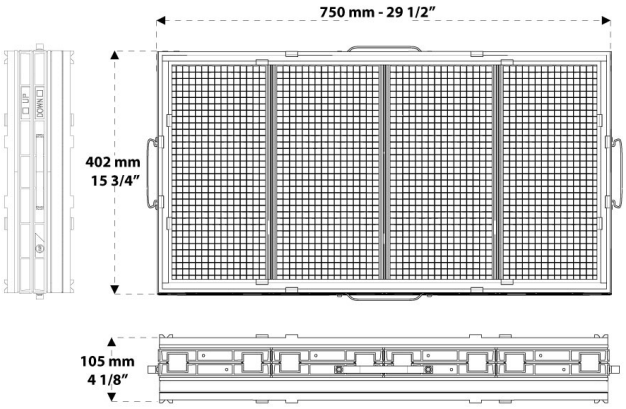
Suractivated carbon filter for non ducted filtration mobile fume hood Captair® Flex®

Fume hood molecular filter
Captair 321 Smart

Main filter(s) quantity to order			
A batch of 1 filter(s)			
AS	H11074101	F	H11074401
BE+	H11074201	K	H11074301

Safety Filter(s) (optional)			
A batch of 1 filter(s)			
AS	H11074101	F	H11074401
BE+	H11074201	K	H11074301



Carbon's type	
AS	Overwhelming organic vapors
BE+	Overwhelming acids vapors
F	Overwhelming formaldehyde vapors
K	Overwhelming amonia vapors

Filter composition	
Carbon filter	Polypropylene Structure
	Activated carbon grains
Particle media filtration (integrated into each filter)	Steel structure
	Pre filter Initial efficiency according to the ASHRAE 52-1 standard - 0,20 m/s: **64%** Efficency for particles to 0.3 µm - Emery test - 0,20 m/s: **70%**
	White polyethylene stand

Filtration efficiency according to the NFX 15-211:2009

Cyclohexan retention capacity - Class 2: **850 gr.** / Class 1: **1890 gr.** (at 1% of the Work Exposure Limit, on AS carbon)

Isopropanol retention capacity - Class 2: **500 gr.** / Class 1: **625 gr.** (at 1% of the Work Exposure Limit, on AS carbon)

Chlorydric Acid (35%) retention capacity -Class 2: **1620 gr.** / Class 1: **2184 gr.** ((at 1% of the Work Exposure Limit, on BE+ Carbon)

Quality

Each filter comes with a quality control certificate precising the filter serial number, its fabrication date and packing date. Carbon hold into the filter has been tested according to the following standards:

ASTM D2854-83	Activated carbon apparent density determination method
ASTM D2862-82	Activated carbon granular size distribution determination method
ASTM D5742-95	Activated Carbon butane activity detrmination method
ASTM D2866-83	Activated carbon ashes content determination method
ASTM D2867-83	Activated carbon moisture content detrmination method

Warning

Guarantee of your safety is certify only after Erlab®'s laboratory approval
Contact your supplier and enjoy the **ESP® program (Erlab saftey program)** a confirmation of your hood's filtration typology adequation with your handlings.
- This filter must be flat stored, in its original packing and in a dry place.
- Wearing gloves, goggles and an overall is strongly advised for filters manipulation.

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