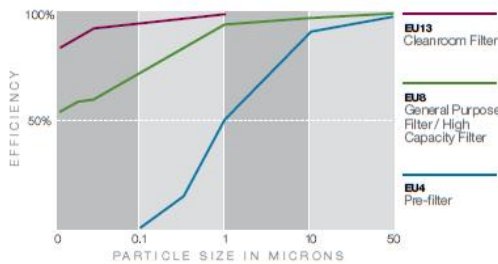


Fume Extraction Filters



Our Filtration Systems

PACE's Filtration Systems have been specifically designed for applications in the electronics industry. A wide variety of filtration options are available for use with PACE Fume Extractors ensuring that you always have the right filter for the job.

Filtration systems for soldering applications are comprised of three filters. As fumes are collected, they first encounter the Pre-filter, which is a lower efficiency particle filter that is used to protect the primary filter from large particles, extending the life of the primary filter. Next is the Primary Particle Filter which is a particulate filter with large surface area having efficiency ratings of 85% and higher. A variety of filtration

efficiencies are available to suit your needs. Lastly, a Gas Filter is included to eliminate any hazardous gases that may be present. PACE's Gas Filters use high-grade activated carbon or they combine adsorptive and chemisorptive technologies to maximize effectiveness. To fully understand your gas filtration needs, always consult your Material Safety Data Sheet. The Arm-Evac 50, 105, 200 & 250 use "Combo Filters" which means that the Primary and Gas filters are contained in one filter cartridge. The Arm-Evac 500 uses separate Primary and Gas filters which need to be changed individually. Pre-filters should be inspected at least weekly. When they become clogged, they should be replaced immediately to maximize primary filter life.

Filter Types



Filter Type	Filter Efficiency Rating	Recommended Application
Pre-filters	90% ARRESTANCE EU 4	Recommended for use with all filtration systems.
Economy Filters	N/A N/A	Ideal for applications where coarse dust is generated.
General Purpose Filters	85% EU 8	Recommended for soldering applications where normal volumes of fumes are being generated for 1 or 2 shifts. (.2-80 microns)
Cleanroom Filters	99.99% EU 13	Recommended for applications in Cleanroom environments or where the highest filtration efficiency is required. (.2-2 microns)
High Capacity Filters	85% EU 8	Recommended for soldering applications where heavy volumes of fumes are generated or where operations are running 3 shifts. Filter contains additional filtration media and will last longer.
Adhesive Filters	N/A	Recommended for any bench-top application utilizing adhesives, solvents, or cleaners used in small quantities and not in open containers or "baths".

Filter Selection

The following chart is a quick reference guide for PACE Filtration Systems. Simply select your fume extraction central filtration unit and the type of filter you need to identify the part number of the filter. **(Bold part numbers indicates standard primary filter in Central Filtration Unit).**

System	Pre-filter	High Capacity Pre-filter	Economy Filter	General Filter	Cleanroom Filter	High Capacity Filter	Carbon Filter	Adhesive Filter
Arm-Evac 50	8883-0125-P5	N/A	N/A	8883-0280-P1	8883-0290-P1	N/A	N/A	8883-0295-P1
Arm-Evac 105	8883-0111-P5	8883-0986-P10*	8883-0871-P1	8883-0901-P1	8883-0921-P1	8883-0987-P1*	N/A	8883-0951-P1
Arm-Evac 200	8883-0111-P5	8883-0986-P10*	8883-0871-P1	8883-0931-P1	8883-0921-P1	8883-0987-P1*	N/A	8883-0951-P1
Arm-Evac 250	8883-0111-P5	8883-0986-P10*	8883-0871-P1	8883-0931-P1	8883-0921-P1	8883-0987-P1*	N/A	8883-0951-P1
Arm-Evac 500	8883-0145-P10	N/A	N/A	8883-0955-P1	8883-0965-P1	N/A	8883-0956-P1	N/A

* High Capacity Pre-filters must be used in combination with a High Capacity Filter. When filters need to be replaced, simply remove them from the Fume Extractor and replace with a new one. Disposal of filters should be done in compliance with local environmental regulations.