

FILTRATION SOLUTIONS

FOR EV BATTERY CELL MANUFACTURING

PROTECT PEOPLE & PROCESSES

LOWER OPERATING COSTS

INCREASE YIELD

 camfil

Your Air is Our Business

PARTICLE-FREE

AIRBORNE SOLVENTS
[REMOVED]

TEAM MEMBERS PROTECTED

The Total Air Filtration Solution You Need

Camfil experts understand the science of air filtration. We know how to design systems right the first time, so you can avoid costly delays and facility retrofits. And only Camfil has the expertise and breadth of product to support all phases of air filtration that are critical for battery manufacturing.



Dust Collection Systems

Extract the dust and smoke generated during the mixing and calendaring phases.



Molecular Filtration

Extract harmful airborne solvents generated during the slurry mixing and coating phases.



Clean Process / Clean Room Filtration

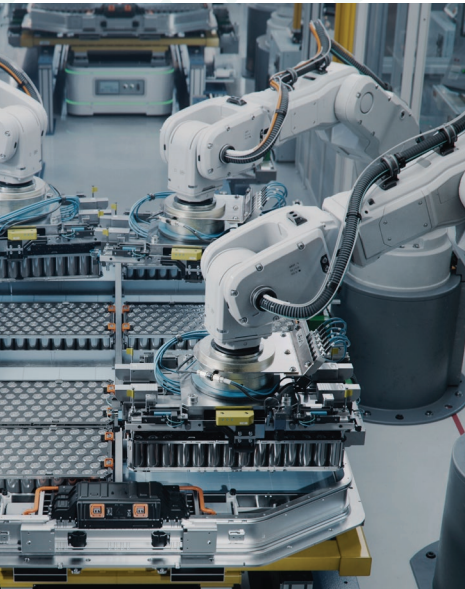
Ensure a particle-free environment – from air supply to HEPA filtration, air diffusers and fan filter units.



Comfort Air HVAC Filtration

Provide filters that reduce energy consumption, downtime and operations costs.

EV Battery Manufacturing Requires Exceptional Air Quality



Minimizing airborne dusts, solvents, odors – and safely recirculating clean, dry air – are “must haves” to avoid contamination, optimize battery performance and keep workers safe. Camfil designs the high-efficiency dust collection and filtration systems required to capture and safely contain the airborne materials that threaten factory air quality.



Ensure Worker Safety

Camfil delivers the advanced air filtration systems you need to protect workers’ health from toxic dust and particulate matter. We’ll help you prevent illness and injury and ensure compliance with OSHA and all other safety standards.



Protect Against Explosions

Camfil has decades of experience designing dust collection systems tailored to mitigate the risk of combustible dust. Our team will help ensure your facility complies with all national and local safety codes and standards.



Ensure Product Quality

Micro-contaminants will compromise battery performance; battery components must be kept dry and contaminant free during cell production. Camfil dust collectors and filters remove airborne particles with maximum efficiency.



Protect the Environment

Properly designed filtration systems control the emissions of hazardous dusts, such as cobalt, to comply with legal limits. And the reduction in energy consumption you can achieve with Camfil filters help you hit your net carbon zero targets.



Optimized Total Cost of Ownership

Camfil filtration experts help you achieve the lowest total cost of ownership for your sytem by increasing filter life and performance while reducing downtime and energy consumption.

Reduce Downtime

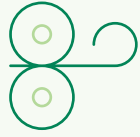
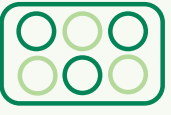
- We recommend equipment and filters tailored to each specific process and dust type
- Properly selected air filters use less energy, last longer and require fewer changes, reducing labor and waste disposal costs
- You avoid disruptions and shutdowns from dust contamination and combustible dust

Reduce Energy Use

- Air filtration for battery production requires a large amount of energy – up to 50% of your total facility consumption
- 30% of that cost can be directly related to the air filters
- Camfil systems are designed to be as efficient as possible to minimize these costs



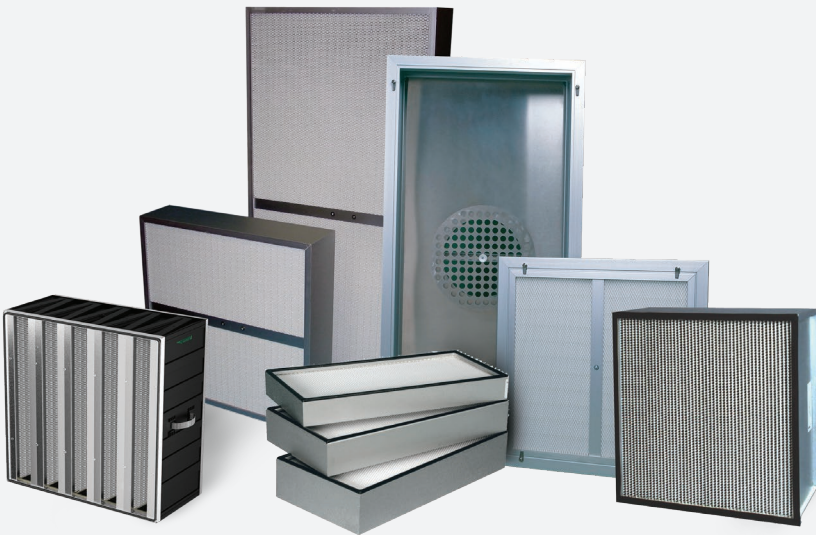
Camfil systems deliver best-in-class filtration performance

Filtration support for all phases of EV battery production	 MIXING & COATING	 ROLLING & SLITTING	 WINDING	 BATTERY ASSEMBLY	 FORMATION & AGING	 DEGASSING & ABUSE TESTING	 PACKAGING	 RECYCLING
DUST COLLECTION SYSTEMS	—	—	—	—	—	—		—
CLEAN PROCESS/CLEAN ROOM FILTRATION	—	—	—	—	—	—	—	—
MOLECULAR FILTRATION	—		—	—	—	—		—
COMFORT AIR HVAC FILTRATION	—	—	—	—	—	—	—	—

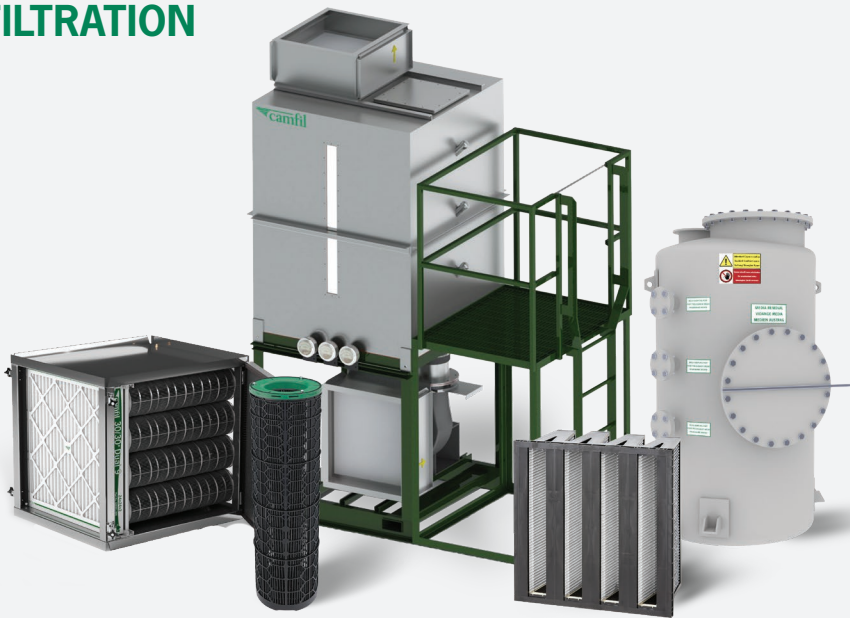
DUST COLLECTION SYSTEMS



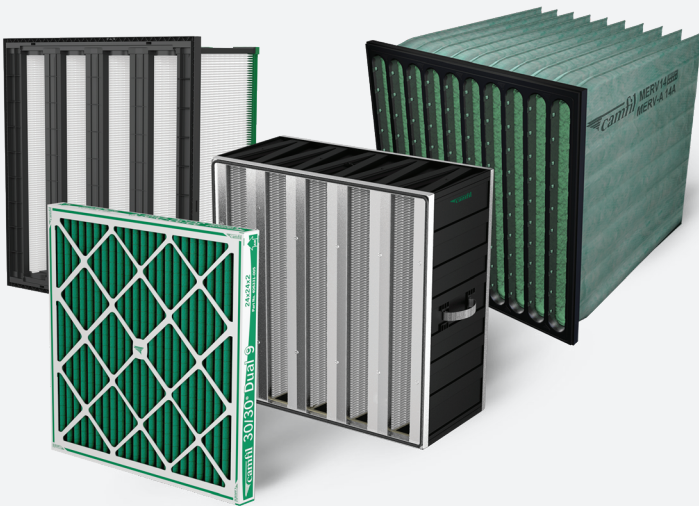
CLEAN PROCESS/ CLEAN ROOM FILTRATION



MOLECULAR FILTRATION



COMFORT AIR HVAC FILTRATION



Your Air is Our Business

Camfil is one of the world's largest air filtration companies. For over 60 years, our people have had a singular focus: improving indoor air quality. We provide the equipment needed to protect your people, comply with regulations, minimize downtime, and substantially lower operating costs. We truly care about your air.

We'll make sure you get the right filtration technology to safely support your application. In fact, we pledge that every dust collection and filtration solution we sell you will be sized properly with the right hoods, ductwork, housings and filters.



Camfil USA | 1 North Corporate Dr, Riverdale, NJ 07457

Camfil APC | 3200 Nestle Rd, Jonesboro, AR 72401

(888) 599-6620 | www.camfil.com