



**The safe, clean,
economical
alternative:**
high performance
filters for emulsion
mist collection

MISSION STATEMENT

WHAT WE DO:

We will clean dust, mist and fumes from factories, making them safe and more productive.

HOW WE DO IT:

We will ship collectors fast while still giving the customer what they want.

We will be the most customer and sales rep friendly company in the dust and mist collection industry.

We will make the best dust and mist collectors in the business from an end user operation and maintenance viewpoint.



CLEANING UP THE WORKPLACE, FOR TODAY... AND TOMORROW

Saving energy and increasing production efficiency while controlling indoor air quality is a challenging aspect of plant management. Dust and mist collectors - whether used for pollution control or product recovery - can impact all these areas. Camfil Air Pollution Control (APC) can help solve your dust and fume problems.



THE HANDTE EM PROFI SERIES FOR EMULSION MIST SEPARATION

TOP COLLECTION EFFICIENCIES UP TO 99.95%

We consistently achieve high separation performance by designing our filter materials to meet specific needs or to handle a given droplet spectrum and through the optimised flow-engineered multistage design of our units:

FINAL FILTER

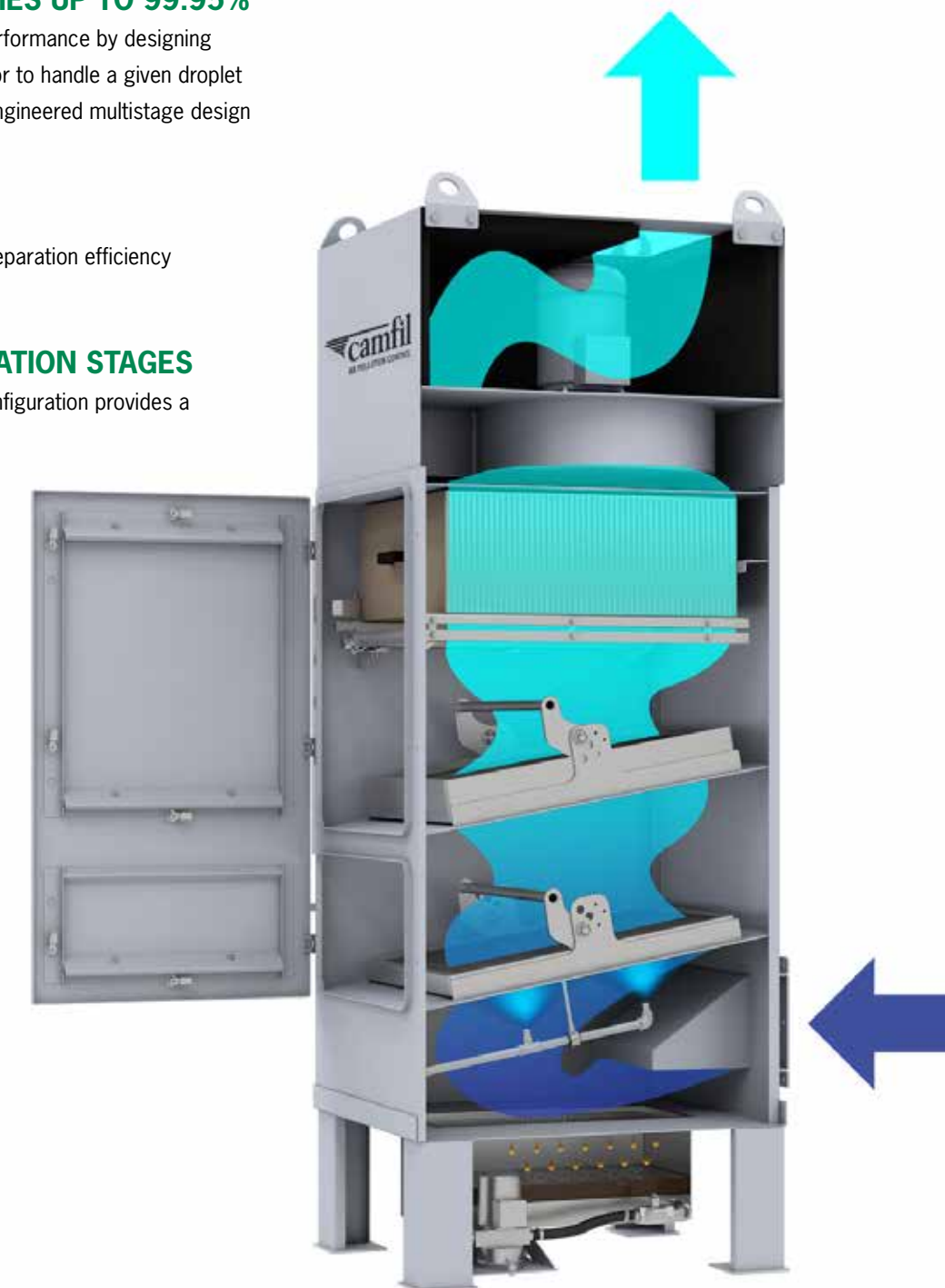
For the highest requirements with proven separation efficiency of F9 to H13 from own production.

SELF-REGENERATING SEPARATION STAGES

Demister filter design, construction and configuration provides a self-regenerating filtration system.

SIMPLE SETUP

Handte EM Profi units are flexibly designed for plug and play operation with a range of optional accessories.



OUR UNITS RESULT IN HIGH-END SOLUTIONS WITH GUARANTEES INCLUDING:

UNPARALLELED COST-EFFECTIVENESS

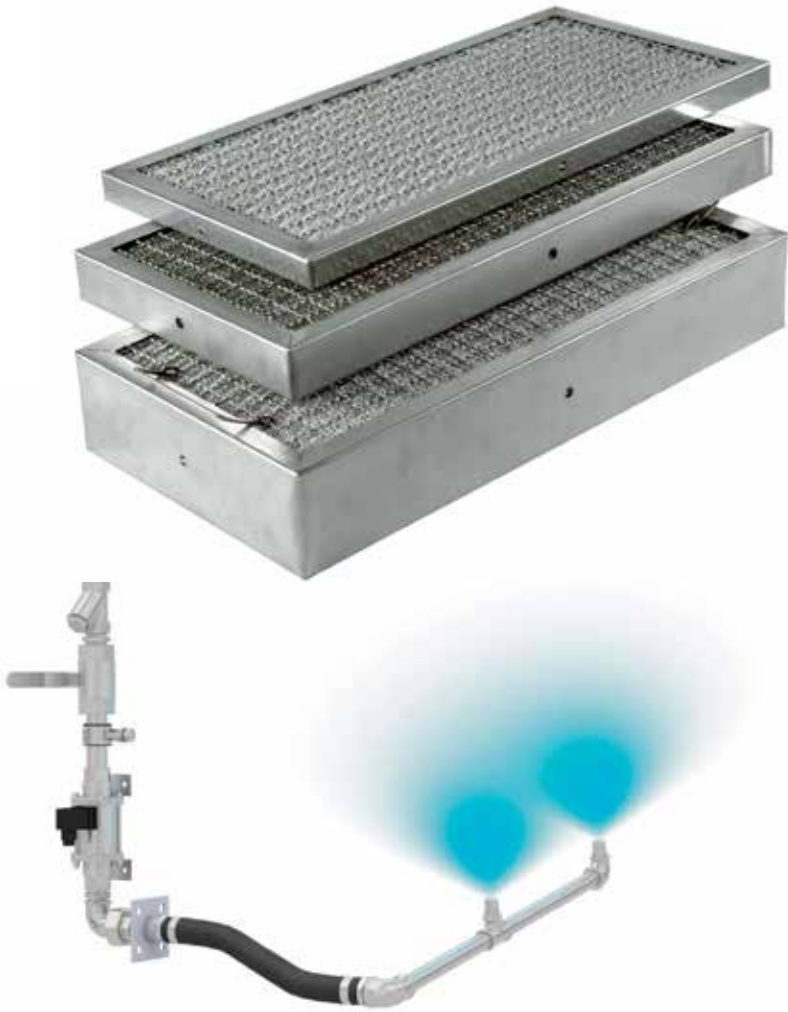
Our standard-equipped self-cleaning system yields safe operation, long-term durability and long maintenance intervals.

FULLY AUTOMATIC SPRAYER

This patented system automatically cleans the filters in-situ. That means that our separators can be operated almost maintenance-free.

BEST PERFORMING MIST SEPARATOR

Our two stage filtration offers efficiencies of 99,95% on 1 micron and larger particles. Our compact corrosion proof filter elements can be washed and reused up to five years.

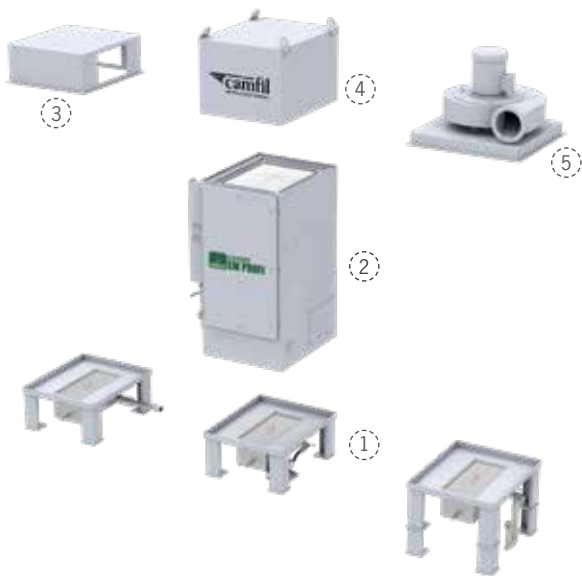


THE ULTIMATE IN USER FRIENDLINESS

Our units are extremely easy to maintain. Large service doors and quick-lock latches make it possible for a single person to easily perform installation and removal from the floor.



QUICKLY AND PERFECTLY ADAPTED TO YOUR NEEDS.

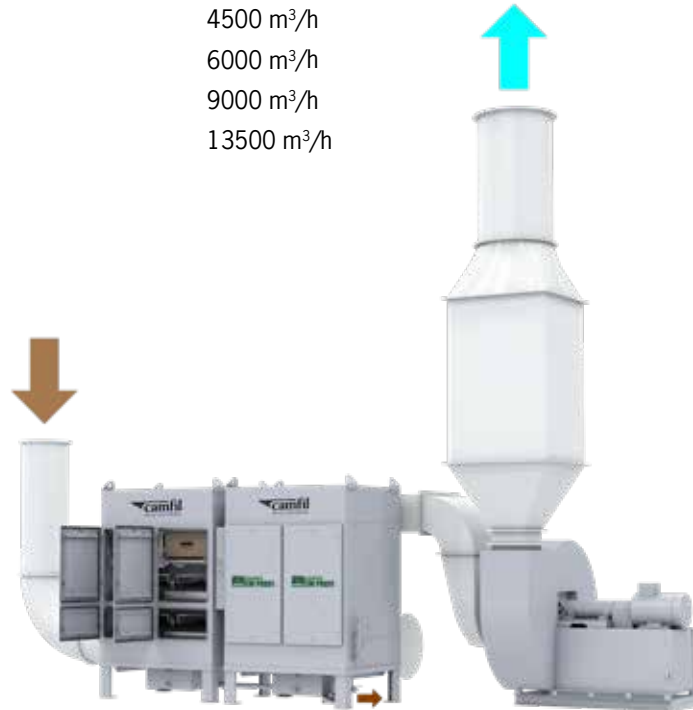


BASIC MODULES IN FLEXIBLE COMBINATIONS

- 1) Ground-/Platform-Versions with optional return pump station (recirculating separated fluids by pump)
- 2) Filter module (Main & Final filter)
- 3) Connection box for use with an external fan, connection either left, right or rear
- 4) Built-in fan, in compact design with integrated sound insulation
- 5) Top mount fan

SIZING AND AIR VOLUME

Size/Air Volume: 3000 m³/h
4500 m³/h
6000 m³/h
9000 m³/h
13500 m³/h



MODULAR ASSEMBLY

- Highest planning reliability and short delivery time
- Easy transport and installation
- Simple extension/adaptation
- Minimum space requirement, maximum performance by optimising basic modules

HANDTE EM PROFI FOR STAND-ALONE-MACHINES



HANDTE EM PROFI ONE

- Version for smaller air volumes
- Locate next to the application
- Floor mounted for ease of access

Size/Air Volume: 1000 m³/h
1800 m³/h



HANDTE EM PROFI TOP MOUNT

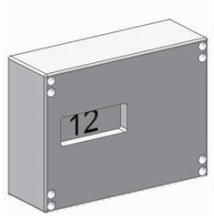
- Compact unit
- Space saving
- For applications where floor space is at a premium

Size/Air Volume: 800 m³/h
1200 m³/h
2400 m³/h

ACCESSORIES OFFER COUNTLESS OPTIMISATION POSSIBILITIES

DIFFERENTIAL PRESSURE METER

for monitoring differential pressures by electronic output signal.



Differential pressure meter



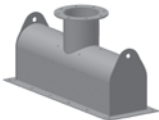
Volumetric flow meter

VOLUMETRIC FLOW METER

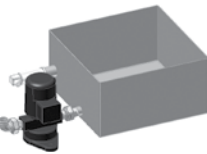
for continuously monitoring and regulating exhaust air.

COLLECTION ELEMENTS

for efficient collection of foreign airborne substances in the workspace.



Collection element



Return pump

RETURN PUMP

for returning collected fluid back to the process or other location.

SIPHON HOSE

for draining separated liquid.



Siphon hose



camfilapc.com

Camfil APC GmbH | Ludwigstaler Str. 149 | 78532 Tuttlingen / Germany
Phone: +49 7461 7011-0 | Fax: +49 7461 7011-133 | E-Mail: apcde-info@camfil.com