

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

SPEED
SAFETY
SERVICE
WOW

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 optimized flow-engineered multistage design of our units:

FINAL FILTER

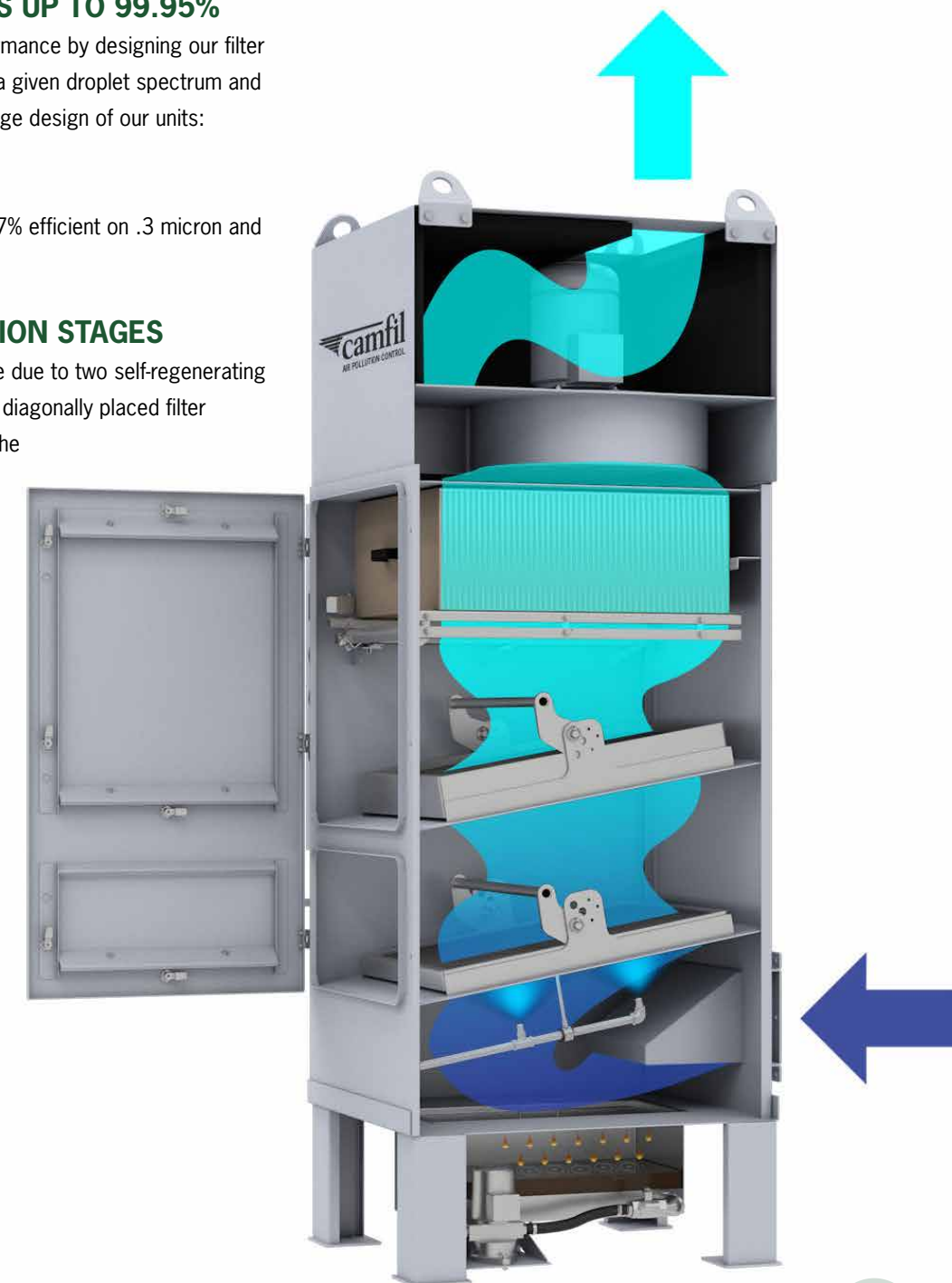
We offer final safety HEPA filters that are 99.97% efficient on .3 micron and larger particles.

SELF-REGENERATING SEPARATION STAGES

Optimum on separation efficiency and drainage due to two self-regenerating demister. The self-regeneration is achieved via diagonally placed filter elements with a slight incline, as well through the material selection and packing density of our filter cassettes.

SIMPLE SETUP

Handte EM Profi Units are easy to install (plug & play), can be modified and flexible expanded with optional accessories.



OUR UNITS RESULT IN HIGH-END SOLUTIONS LIKE 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 counteracts emulsion clumping. That means that our separators can be operated almost maintenance-free.

BEST PERFORMING MIST SEPARATOR

Our two stage filtration offers efficiencies of 99.9% on 1 micron and larger particles. Our compact corrosion proof filter elements can be washed and reused.

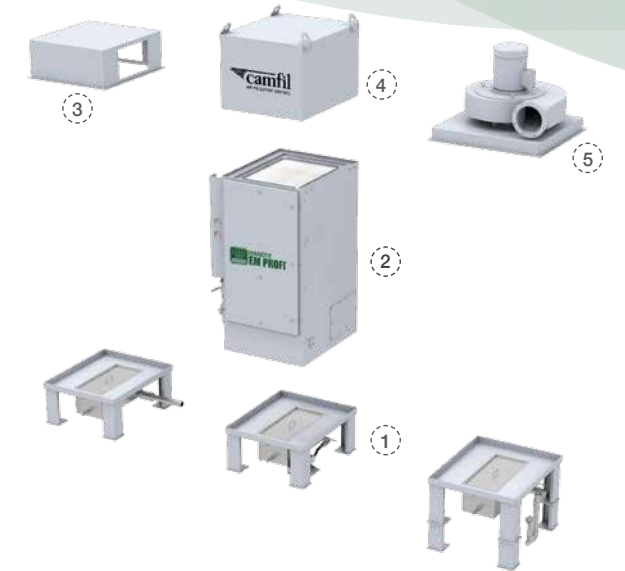


THE ULTIMATE IN USER FRIENDLINESS

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:	3.0/1,700 cfm
	4.5/2,600 cfm
	6.0/3,500 cfm
	9.0/5,300 cfm
	13.5/8,000 cfm



MODULAR ASSEMBLY

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

HANDTE EM PROFI FOR STAND-ALONE-MACHINES WITH DECENTRAL EXHAUSTION



HANDTE EM PROFI ONE

- Version for smaller air volumes (with the same comfort as with heavy machinery)
- Use directly at the processing site
- Maintenance directly from the ground

Size/Air Volume: 1.0/600 cfm
1.8/1,000 cfm



HANDTE EM PROFI TOP MOUNT

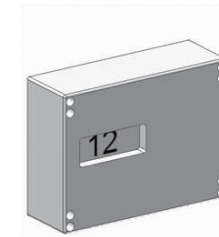
- Most compact unit
- Extremely space saving
- Used when an installation on the ground is not possible or not desirable due to lack of space

Size/Air Volume: 0.8/500 cfm
1.2/700 cfm
2.4/1,400 cfm

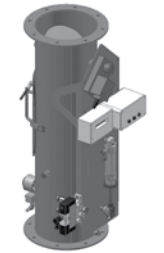
ACCESSORIES OFFER COUNTLESS OPTIMIZATION POSSIBILITIES.

DIFFERENTIAL PRESSURE METER

for monitoring differential pressures by electronic output signal.



Differential pressure meter



Volumetric flow meter

VOLUMETRIC FLOW METER

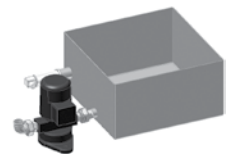
for continuously monitoring and securing suction lines.

RETURN PUMP

for returning collected fluid back into the process or work station.



Collection element



Return pump

SIPHON HOSE

for draining separated liquid.



Siphon hose

