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

Emulsion Mist Collector
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 COLLECTION

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.
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 collectors can be operated almost maintenance-free.

BEST PERFORMING MIST COLLECTOR
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.

VOLUMETRIC FLOW METER
for continuously monitoring and securing suction lines.

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

SIPHON HOSE
for draining separated liquid.

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