

HEMIPLAT

FARR GOLD SERIES

HANDTE VORTEX

HANDTE OIL EXPERT

HANDTE EM PROFIL

HANDTE VENTURI

WHO WE ARE GREEN YOUR FACTORY

Our goal at Camfil Air Pollution Control (APC) is to be green, starting with the environmental benefits of our products. We help our customers go green by stopping thousands of different pollutants from entering the workspace air and the outside air. We also build our equipment to last, so less waste is created over time. Our HemiPleat® technology has revolutionized the air pollution control industry by delivering very high efficiency in a filter that lasts twice as long as competitive products. It contributes to sustainability while saving energy. We

use an environmentally friendly powder painting process so no VOCs are emitted. Furthermore, premium efficiency motors are standard on the fans we supply. We are constantly launching green initiatives.

We look forward to working with you to “green” your factory.



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 APC can help solve your dust, fume and mist problems.



Camfil APC adheres to the values and principles of sustainable development and has established an organization to develop and maintain sustainable business practices. We would like to mention our initiative for sustainability, “Camfilcairing.” This is our way of packaging all our industry-leading green initiatives into a comprehensive program. We believe firmly in being a sustainable supplier. We also believe it will be a requirement for the future. We aim to be the best in sustainability. It does not require a major effort because green is in our genes.

OUR MISSION

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.

SPEED
SAFETY
SERVICE
WOW



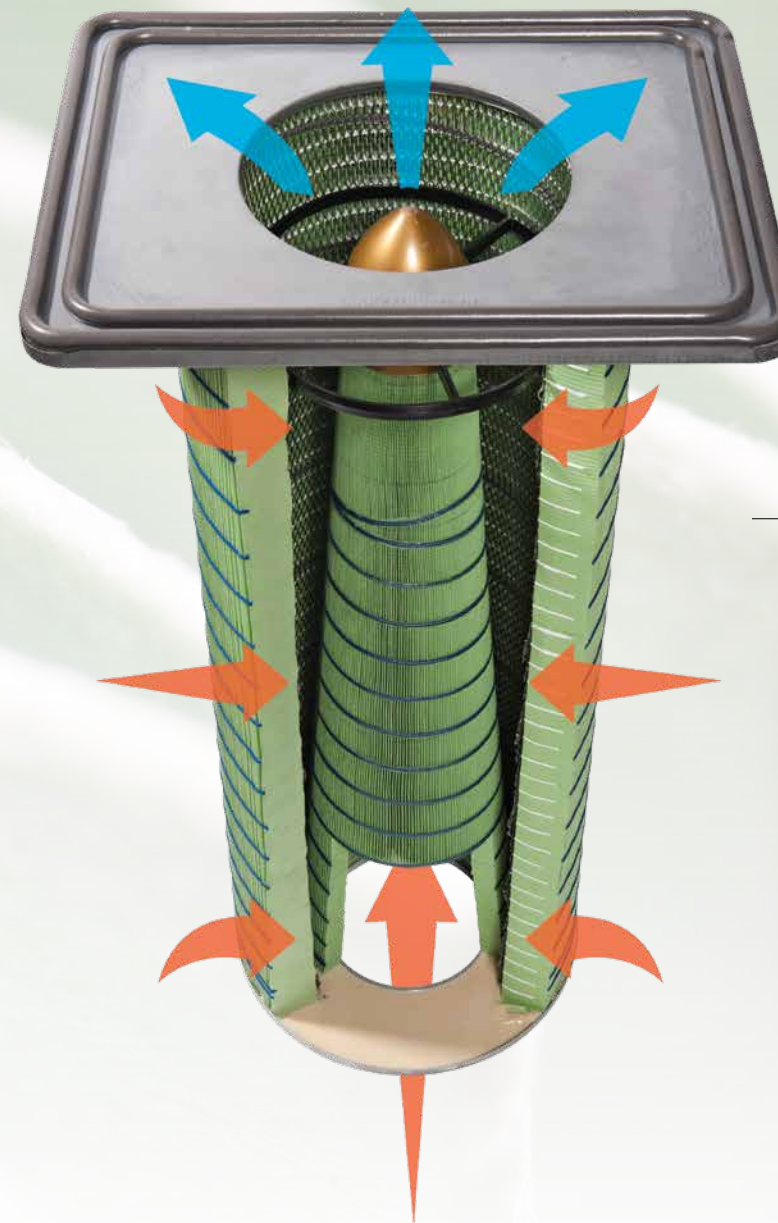
The HemiPleat will improve the performance of any cartridge dust collector, guaranteed.

Power up your dust collector with HemiPleat. With the lower pressure drop, HemiPleat filters pull more air with less energy, capturing pollutants better. Filtration efficiencies exceed 99.99% at 0.5 micron size particles. The air coming from the Farr Gold Series dust collector with the HemiPleat filters have tested to exceed the air quality required in hospital operating rooms!



GOLD CONE® FILTER

The patented Gold Cone filter allows facilities to reduce the number of filters used. The innovative cone expands the usable area of the filter allowing a reduction in the number of filters by at least a third. The design also leads to longer filter life with lower pressure drop.



THE MOST ADVANCED DUST COLLECTOR FILTER EVER MADE

- Poly-Tech™ media's filtration efficiency is 99.99% on 0.5 µm and larger particles.
- The Farr Gold Series® meets the 5 mg/m3 or less emissions requirement to recirculate air back on non-hazardous dusts, in most cases.

The HemiPleat cartridge uses optimal pleat spacing with synthetic glue beads to hold the pleats open. HemiPleat breathes more air with less energy and increases the cleaning effectiveness of the reverse pulse, thus resulting in a lower pressure drop.

HemiPleat Green - proprietary blend of cellulose and polyester fibers with a moisture resistant silicone treatment

HemiPleat Flame Retardant - proprietary blend of cellulose and polyester fibers with a flame retardant treatment

HemiPleat Carbon Impregnated - proprietary blend of cellulose and polyester fibers impregnated with carbon for static dissipation



The DuraPleat is fully washable and reusable. We have customers that have 5-year-old DuraPleat filters and counting. This all synthetic filter handles the most rigorous applications and temperatures.



The HemiPleat eXtreme filter media is the ultimate in dust collection filtration, bringing home the highest degree of efficiency and filter life on the market. The HemiPleat eXtreme uses our proven HemiPleat technology and base media with proprietary nano fibers applied to the media surface for extreme results. These nanofibers can be applied to any of our base media above.



HemiPleat Synthetic is a light-weight 100% spun bond polyester media in a pleated design that maximizes surface area while maintaining open pleat spacing. The wider spacing of the HemiPleat design exposes more media to the air stream which results in lower pressure drop and improved dust release during pulse cleaning

EVERYTHING MAKES DUST

THE FARR GOLD SERIES® CLEANS IT UP

Superior performance features with exceptional ease of installation and service make the Farr Gold Series the best choice for a clean workspace. The Farr Gold Series comes in all sizes and colors for any application.



Multiple FGS on seed processing



Pharmaceutical dust with bag-in bag-out (BIBO) filter change-out



FGS on envelope dust in the color water blue



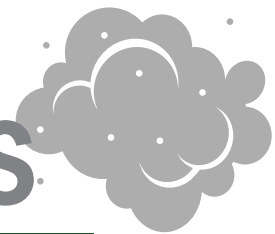
FGS on steel shot blasting of aluminum castings in aisin green.



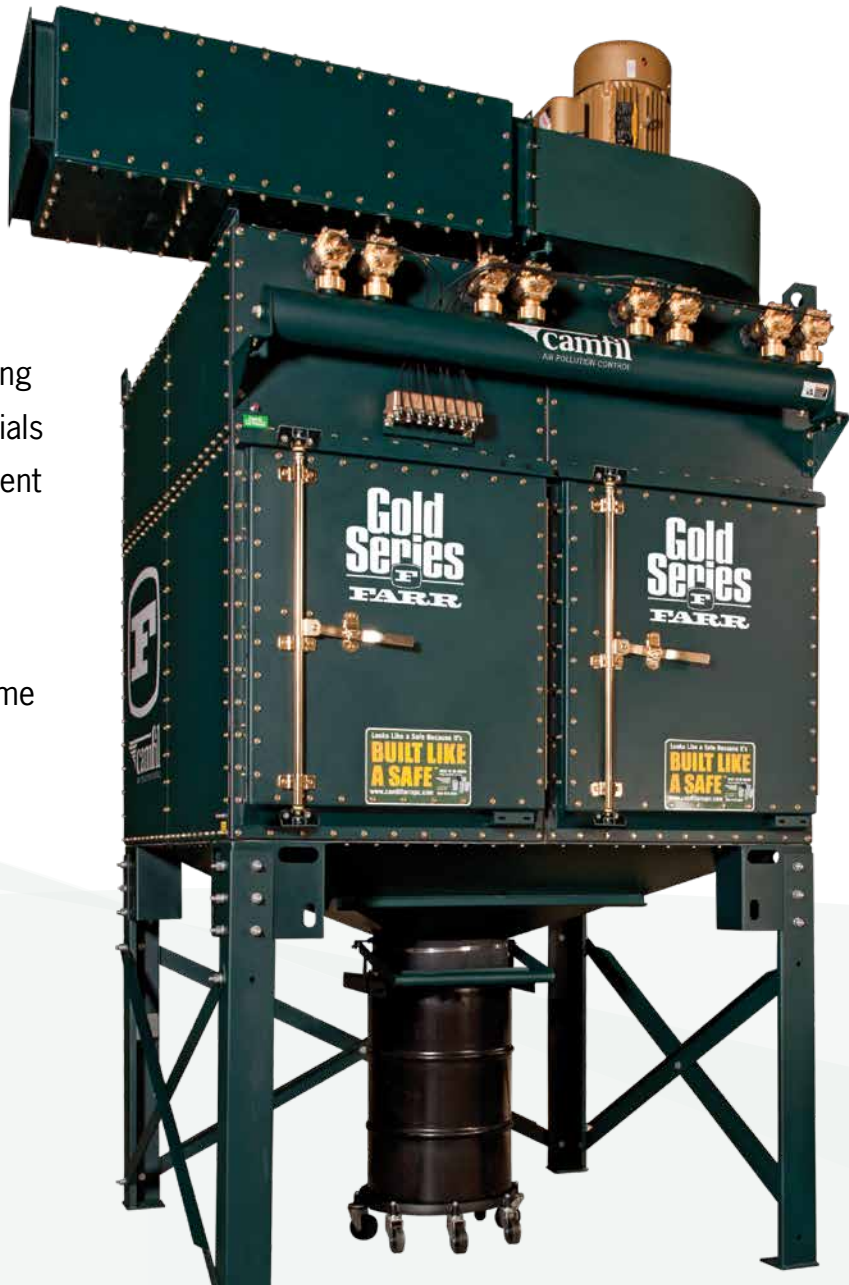
GS108 on sand collection and GS96 on metal fume collection

AREA FOCUS

PROCESS APPLICATIONS



- Abrasive Blasting
- Chemical Processing
- Fiberglass/Composites
- Food/Sugar
- Foundry
- Grinding
- Mining
- Nuisance Dust
- Paper Scrap
- Pharmaceutical
- Plasma/Laser Cutting
- Powder/Bulk Materials
- Powder Paint/Pigment
- Seed Processing
- Shot Peening
- Thermal Spray
- Welding Smoke/Fume
- Wood Processing



EASY FILTER CHANGE-OUT



FARR GOLD SERIES®

MODULAR DESIGN FOR FLEXIBILITY

- Modular design dust collector provides optimum field flexibility and short manufacturing lead time - have it your way fast!
- Heavy duty carbon steel construction for long life - Dust collector module constructed of 7 gauge carbon steel. Door, hopper, inlet and panels are all 10 gauge steel.
- Baked on, durable Farr green powder coat paint - All carbon steel components are 5-stage acid washed prior to powder coating for maximum paint adhesion. Dust collector is painted inside and outside for unsurpassed weather and corrosion resistance.
- Vertical design of the patented filter cartridges provides more efficient pulsing of dust, thus eliminating uneven dust loading associated with horizontally mounted cartridges.
- High entry cross flow inlet eliminates upward can velocities associated with traditional hopper inlets in industrial dust collectors. The channel baffles installed in the inlet protect the filters from incoming dust and separate the larger particles directly into the hopper, reducing the load on the filters.
- The Farr Gold Series dust collector utilizes Gold Cone® cartridge technology to deliver clean air and long life while utilizing the smallest floor space of any dust collector available today.
- Multiple filter media and pleat spacing options are available to best suit your specific application and dust.

Meeting airflow requirements with a 25% smaller housing allows the Farr Gold Series dust collector to deliver premium performance at a competitive price and take up less factory floor space. The service benefits are numerous offering faster, trouble-free change-out of cartridges.



Cross flow is created through the filters. This eliminates upward "can" velocities associated with traditional hopper inlets.



Powerful cleaning system provides long filter life.



Pulse cleaning discharge of Gold Cone filter.



Farr Gold Series components are individually powder coated prior to assembly for superior corrosion resistance.



EMULSION MIST

HANDTE EM PROFI

TOP SEPARATION RATE IN EXCESS OF 99%

When you're talking about emulsion mist separators, guaranteeing consistently high separation performance is one of the most important requirements. Our unique equipment design delivers:

SELF CLEANING: In our separators, oil particles and drops of fluid clump to each other on the inlet side making them easier to separate. This causes the separated cooling lubricant to automatically rinse the first filter stage clean.

EXPAND CONTACT SURFACE: Routing the dirty air through a spray bed (optional equipment) provides a larger, specific contact surface, thus increasing the separation efficiency even more.

FULLY AUTOMATIC SPRAYER: Prevents the filter from drying out and cleans filter, improving separation performance.

SAFETY SECOND TO NONE

All our separators are equipped with a second demister stage, through which only clean gas flows. This stage prevents oil from penetrating into the clean air and functions as a firewall as well.

THE ULTIMATE IN USER FRIENDLINESS

Extremely easy maintenance means our filters almost never need to be changed. Large service doors and quick-lock latches make it possible for a single person to easily perform installation and removal.

UNPARALLELED COST-EFFECTIVENESS

The continuously running filter rinse ensures very long service life and widely spaced maintenance intervals. All of this adds up to very low operating costs. In addition, filters can be washed and reused.



OIL MIST



HANDTE OIL EXPERT

PREMIUM COLLECTION EFFICIENCY

With its extremely clear-cut design and convincing results, the separation system leaves nothing to be desired. The Handte Oil Expert features premium collection efficiency under the most challenging conditions. Other key benefits of the product series include:

PROGRESSIVE FILTRATION DESIGN: The standard two stage filtration CoaPack filters elements provide high separation efficiencies. For heavy loadings a coarse pre-filter separator can be added as an option. An optional HEPA final filter can be added for fine mists and smoke.

MODULAR DESIGN: The compact modular design provides for easy, efficient adaptation of Handte Oil Expert to the customer's individual requirements. It is available in 5 different air flow sizes which can be combined in a large central system.

INNOVATIVE FILTER MEDIUM: The particular structure of the standard Camfil Handte APC CoaPack filter material combines premium separation performance with self-cleaning features via optimum drainage of the separated cooling lubricant. The excellent collection performance ensures extremely long filter life of the optional HEPA final filter.

EASY FILTER CHANGE: The operation of the Handte Oil Expert is practically maintenance free. Filter changes are clean and easy and require no tools. The closed filter elements can be removed without being exposed to the oil-soiled filter materials.



WET SCRUBBER



HANDTE VORTEX

THE PHYSICAL ACTIVE PRINCIPLE

Particles dispersed in the gas stream are brought into contact with a scrubbing fluid in order to bind them. This requires the generation of a phase interface as large as possible between the gas (air) and the liquid. The gas stream is then deflected whereby the inertia causes the particles to move to the surface of the liquid where they are contained.

OUR WET SCRUBBER PROVIDES NUMEROUS ADVANTAGES:

- No filter elements required
- The safest solution when dealing with flammable/combustible materials
- Universal applications
- High-level separation combined with safe operating technique
- Low-maintenance



WET SCRUBBER



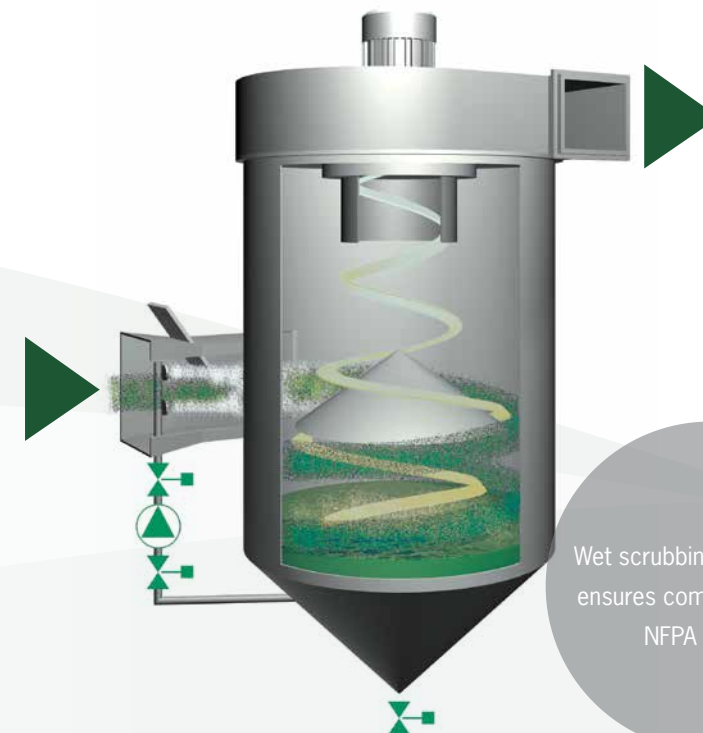
HANDTE VENTURI

HIGH PERFORMANCE WET COLLECTOR FOR ADJUSTABLE SEPARATION

Effective system with Venturi principle for meeting the highest demands in scrubbing for particles up to 0.3 μm and high dirty gas loads.

BENEFITS OF THE VENTURI:

- Safe and most cost effective solution for combustible dusts
- Highest operational safety
- Low spare parts costs
- Space saving design
- Dust free maintenance



Wet scrubbing technology
ensures compliance with:
NFPA & EPA





CLEAN AIR, A HUMAN RIGHT.

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