



CamContain Pro

CamContain Professional Series Containment Solutions



Innovation Driven by Our Customers

We dared to break tradition because we listened to our customers.

- 15 new features never before available
- 40% smaller footprint
- The safest containment housing ever designed
- The only system **GUARANTEED** for life

Clean Air Solutions

State of the Art, Guaranteed

The new CamContain Professional Series Containment housing is a dramatic departure from tradition. Taking advantage of more than 50 years of global experience, Camfil is able to offer Containment solutions designed by our customers.

The Pro Series benefits users in two ways:

1. Reduced building and installation costs
2. Reduced maintenance and operating costs

Reduced Footprint

The CamContain Pro Series has a 40% smaller footprint, reducing space required in the Mechanical Equipment Room. Mechanical space comes at a premium (several hundred dollars per square foot) and the money saved with Pro Series can become value engineered funds available for more critical process areas.

Higher Airflow per Filter

The specially designed V-bank Absolute® filters can supply 2,400 CFM per filter at the same pressure drop as a standard box-style Absolute® reducing the number of filters and units required for a given application. This saves on the initial installation cost of equipment, plus reduced number of ancillary components such as valves, dampers, test sections, etc.

Hinged Door Design

The advanced tool-free door latching system reduces filter change time by 25%. This system eliminates removal and reinstallation of filter access doors and hand knobs. Lost knobs are no longer a problem. Providing a permanently attached hinged door eliminates the issues of mixing doors when multiple housings are present and reduces the floor space required for a filter change. The hinged door design presents a significant upgrade over existing doors in the market.



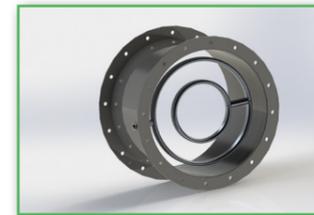
New GageGuardian 2 In-line Gage Filter

The new streamlined in-line Absolute® filter for gage lines to protect differential pressure gages from contamination. This allows gage replacements without "red bag" disposal. As part of the Camfil Zero Gage option, gages can be calibrated or even replaced while the filter unit is "hot."



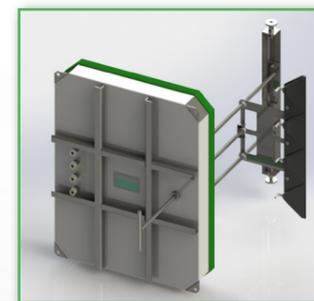
View Port in Access Door

By its very selection, Containment housings are used to filter highly dangerous contaminants. The change-out bag is an important barrier to keep these contaminants inside the housing during filter changes. The view port provides the owner with a simple verification of the presence of the change-out bag after installation and also prior to any maintenance activities. This eliminates door removal to verify proper installation and provides a safeguard for filter inspection.



Circular aerosol injection tube

Some manufacturers require rotating baffling systems to keep operating differential pressure low. However, this pioneering (patent pending) test section (CamContain TXD) offers the lowest pressure drop of any comparable system available. Thus, energy cost for every Pro Series unit will be substantially less than traditional equipment. The aerosol sampling rings has an average pressure drop reduction 40% or more (compared to the Nuclear Series TSD section). It also has the added benefit of 50% reduced footprint.



Manually-operated SafeScan

There are risks inherent to traditional "scan-through-a-bag" systems (e.g. bags tears, probe contacting the filter element). Camfil eliminates these risks with SafeScan-Manual test section (patent pending). This is the industry's first non-intrusive filter scanning system. The SafeScan-Manual obsoletes every other manual scanning system. The SafeScan-Manual system features improved accuracy compared to "traditional" scanning systems. This patented system reduces component depth by 70% (7" vs. 21").

Smart Labels

The Pro-Series Containment housing includes an innovative smart label system. Using your smart phone, you can download a copy of the operations and maintenance manual. Before changing filters, you can download a video of the bag-in / bag-out change-out process. You can also generate a request for quotation to order a replacement set of filters unique for each specific housing.



Limited Lifetime Warranty

We are so confident in the workmanship and quality of our CamContain Pro Series Containment solutions that we offer a limited lifetime warranty. If you purchase our field certification service for your housing AND you continue to use Camfil premium filters throughout its lifetime, we will warranty that housing for its design life. Of course, consumable items (e.g. filters, gaskets, etc.) are not covered.

But does it work?

We test our designs against the rigorous requirements established by the nuclear industry. Every claim and design is backed by extensive design qualification testing. After that, we test our designs again. Just ask for the test reports. That is because we are continually trying to optimize our containment equipment to guarantee state of the art equipment and performance.

Why all the changes?

Who buys a new car with 1970's technology? Nobody. There have been many innovations over the last 40 years. Like anti-lock brakes, power windows, fuel injection and safety air bags. So, why should you purchase or specify filter technology from the 1970's? Camfil has introduced innovations like the SafeScan system, smart labels and hinged access doors. Over the last five years, Camfil has been granted over 50 patents associated with modernization to our Containment equipment.



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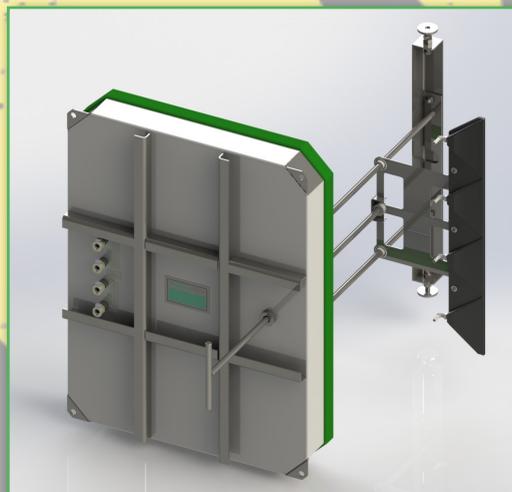
How do we compare?

Housing Feature	Camfil Professional Series	All Competitors
Hinged Access Door	Yes	No
Access Door View Port	Yes	No
Non-intrusive Manual Scanning	Yes	No
Non-intrusive Automated Scanning	Yes	No
Ultra-Low Pressure Drop Test Section	Yes	No
Test Sections with Rotating Baffles	No	Yes
Smart Labels	Yes	No
Non-intrusive Scanning Upgrade Kit	Yes	No
Lifetime Warranty	Yes	No

WANT TO UPGRADE AN EXISTING SYSTEM?

SafeScan Upgrade

The intrinsic safety value of the CamContain SafeScan is obvious. Many owners of existing filter systems would like to have this important scanning technology as well. With the release of the CamContain Pro-Series product family, owners can upgrade their “hand-in-the-bag” scanning apparatus to the state-of-the-art SafeScan system. Camfil furnishes SafeScan-Retrofit kits to upgrade existing Camfil Containment housings (obsoleted model ASTS) as well as our competitors’ equipment.



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