HIGH SURFACE AREA PLEATED CARTRIDGE & BAG FILTERS

Cartridge Filters:
- **Conventional Cartridge AB Series Filters** 99-99.98% Efficiency (Beta Ratio 100-5000) Holds up to 2# Dirt
- **Platinum Select Series 700 Style Filters** 99%-99.98% Efficiency (Beta Ratio 100-5000) Holds up to 20# Dirt
- **Platinum High Surface Area FMT-940 Series Filters** 99.98% Efficiency (Beta Ratio 5000) Holds up to 100# Dirt
- **Platinum High Surface Area FMT-2040 Series Filters** 99.98% Efficiency (Beta Ratio 5000) Holds up to 300# Dirt

Bag Filters:
- **Deep Pleat 550 Series Bag Filters** 99% Efficiency (Beta Ratio 100) Holds up to 5# Dirt
- **Platinum Bag 650 Series Filters** 99.98% Efficiency (Beta Ratio 5000) Holds up to 10# Dirt
- **HI-FLOW Bag 600 Series Filters** 99.98% Efficiency (Beta Ratio 5000) Flows up To 500 GPM

Alternate Series Filters:
- **3M 520 Series Bag Filters**
- **3M 740 Series Cartridge Filters**
- **Pall Marksman High-Flow Series Bag Filters**

Coalescers:
- **Liquid/Gas Coalescers**

**Hydrocarbon Absorption Filters:** Hold 6X the Volume of Hydrocarbons than Activated Carbon Alone
- **2.5” Diameter Oil Guzzlers** 2.5” x 40” Filter Holds up to 1000 ml of Hydrocarbons-Automatic Shutoff When Full
- **6.25” Diameter Oil Guzzlers** 6.25” x 35” Filter holds up to 6 Liters of Hydrocarbons-Automatic Shutoff when Full

**Filtration Vessel Systems-Onshore/Offshore:** Rental or Purchase
- Systems From 40-80 GPM And 20# Dirt Holding
- Systems From 150 GPM And 80# Dirt Holding
- Systems From 160-320 GPM And 150# Dirt Holding
- Systems From 450 GPM And 300# Dirt Holding
- Systems From 750 GPM And 500# Dirt Holding
- Systems From 1500 GPM And 1000# Dirt Holding
- Horizontal HP Vessels 350-7000 GPM, Pressure Ratings to 2220 PSIG

Laboratory & 800 GPM Fluid Test Loop Services:

FMT, Inc. offers both In-House and On-Site analysis to provide custom engineered solutions for specific fluid separation problems. The results of these test data have been employed for 23 years to design “Fluid-Specific” filters and systems to meet client operation specifications. An 800 GPM single-pass computer monitored test loop is employed to test new component filter media, filter pressure drop, dirt holding capacity, failure analysis, competitive products and new product designs.

**Test Services Include:** Filter Dirt Holding Capacity, Free Oil, Quantitative Analysis, Oil Absorption Analysis, Electro Coagulation, Turbidity (NTU), Gravimetric Analysis, Total Suspended Solids (TSS), Optical/Digital Particle Counts, Particle Size Distribution (PSD), and Photomicrographs.
FMT High Efficiency Coalescer Elements have been engineered and constructed to provide superior high efficiency sub-micron liquid aerosol coalescence, producing effective separation and removal of liquids from gas streams.

This series of coalescers offers proprietary aerosol interception, liquid coalescence, and liquid drainage layers, co-pleated to ensure a sturdy, high surface area, low pressure drop system. FMT’s unique micro-fiber media ensures efficient separation of liquid aerosols from gas streams while minimizing fluid retention.

Features/Benefits:

• Separation Efficiencies of 99% & 99.98% for Medium and High Efficiency Process Requirements
• Low Pressure Drop Materials/Construction for more Efficient, Cost Effective Liquid Aerosol Separations
• Cost Effective Solutions Allowing Upgrades to Higher Efficiencies at Little or No Cost Increase
• Customized Configurations Available for New and Existing Vessels & Design Requirements to Exceed Stringent Process Design Specifications

FMT-LGC-28
Dimensions: 2.75” OD x 1.5” ID x 30” long
Micron Ratings: 0.1 & 0.3 micron @ 99.0% & 99.98%
Replacement For: CC3LG and JPMG-30226 Style Coalescers
FMT-LGC-40
Dimensions: 4.5" OD x 3.25" ID x 36" long
Micron Ratings: 0.1 & 0.3 micron @ 99.0% & 99.98%
Replacement For: PCHG336, FG336, FG372, JJ PMG-336-R Style Coalescers

FMT-LGC-60
Dimensions: 6.0" OD x 3.25" ID x 40" long
Micron Ratings: 0.1 & 0.3 micron @ 99.0% & 99.98%
Replacement For: 604, CS604, and JJ PMG-536-R Style Coalescers

L/G COALESCER CODING

Diagram showing the coding system for L/G Coalescers, including MICRON RATING, MEDIA, END CAP, DIAMETER, CAP, LENGTH, and SEAL options.