



  
**Filtration & Membrane  
Technology, Inc.**



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TECHNOLOGY, INC.**  
 8342 Silvan Wind  
 Houston, TX 77040    Web: [www.fmt-Houston.com](http://www.fmt-Houston.com)  
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**VESSELS/FILTERS/COALESCERS**  
**PRESSURES to 2,220 PSIG**  
**FLOW RATES to 5000 GPM**  
**L/L COALESCERS**  
**L/G COALESCERS**  
**TECHNICAL SUPPORT**

## 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.



*High Capacity Filters, Coalescers, and High Pressure Filter Vessels.*

## High Capacity Liquid/Gas Coalescers

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



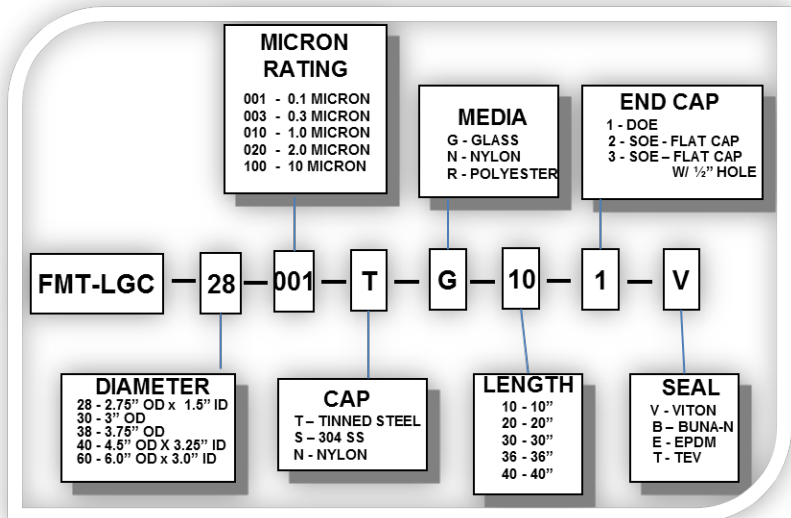
ID x 36" long  
 ron @ 99.0% & 99.98%  
 NGGC336 FG336, FG372,  
 JPMG-336-R Style Coalescers



**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 JPMG-536-R Style  
 Coalescers

**L/G COALESCER CODING**







  
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