



Pure Filtration Solutions.

Marine Products

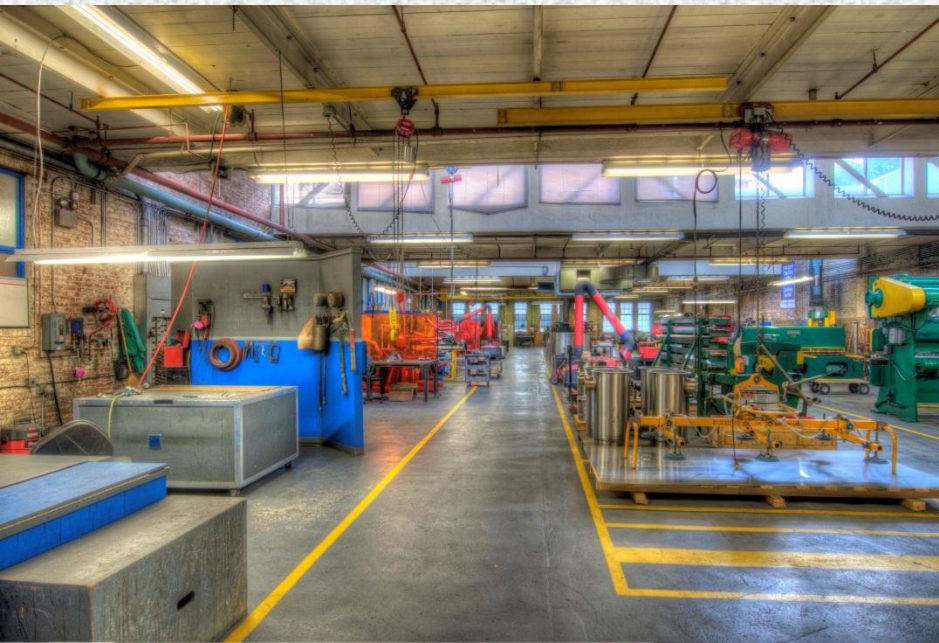
Who is Miller-Leaman?

- Diversified Filtration Company est. 1991
- 52,000 sq ft Manufacturing Facility
- Producers of High Quality Stainless Steel Strainers



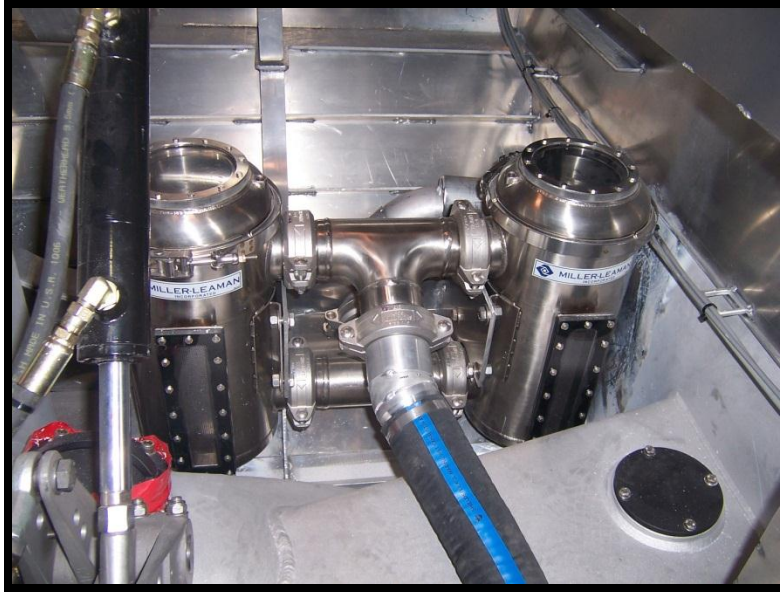


MILLER  LEAMAN INC



- Government / Military Vessels
- Work Boats
- Offshore Industry
- Yachts
- Racing Boats





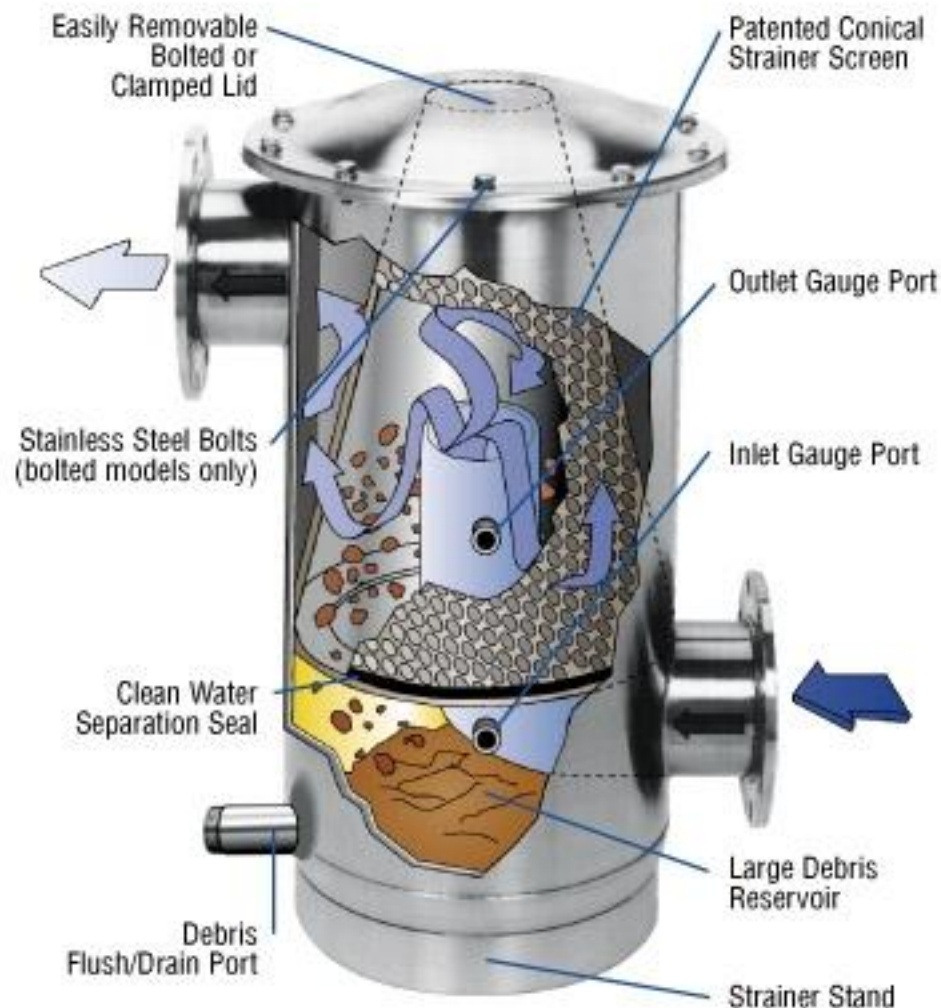
- Manufacturing custom strainers for new construction and retrofit applications
- Custom Thompson SeaStrainers (Simplex & Duplex)
- Custom Basket SeaStrainers (Simplex & Duplex)
- Various materials (316 SS, CuNi, etc)



- Miller-Leaman Proprietary Product



- Type 304 and Type 316 Stainless Steel
(Other Alloys Available)
- 2", 3", 4", 6" Model Sizes
(Other Sizes Available)
- Quick-Release Clamp Lid (2", 3", 4")
- Strainer Housings Designed for Suction or Pressure Side of Pump
(125 Max Pressure Rating)
- Two Gauge Ports to Monitor Differential Pressure
- Standard Drain/Flush Port - 1 ½" NPT
- 5/64" (2 mm) Perforated Screen is Standard
(Other Screen Options Available)





- High Quality, Durable Construction
- Customized to Exact Specifications to Minimize Footprint in engine room
- Flush/Drain Particles from Reservoir, via 1 ½" Port
- Substantially More Screen Surface Area Compared to Traditional Basket Strainers (3 – 5 Times) - Less Maintenance
- Heavy-Duty, Thick Gauge Screen
- Low Pressure Loss (*Less than 1 PSI when clean*)

Pressure Differential Alarm (PDA)



- Monitors Inlet & Outlet Pressure
- Signals When Screen Cleaning is Req'd
- Audible/Visual Alarm

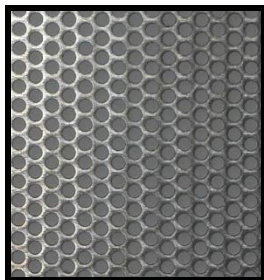
Automatic Timer Flush (ATF-EA-1.5)



- Automatically Purges Strainer Reservoir
- Adjustable Drain/Flush Frequency & Duration
- Manual Drain/Flush Switch

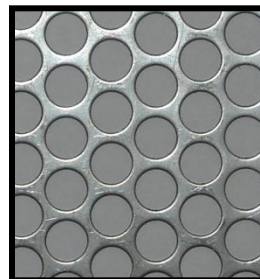


Industry
Standard

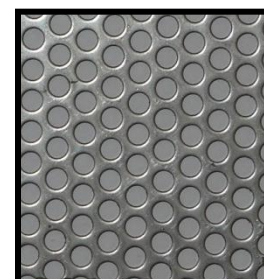


5/64" Holes

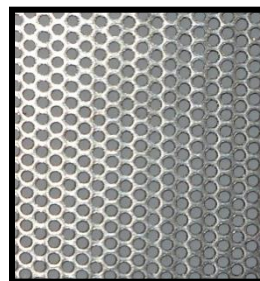
Miller-Leaman Standard



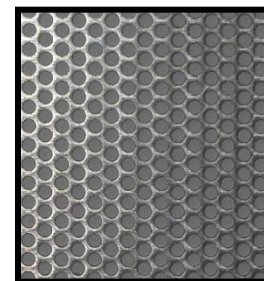
1/4" Holes



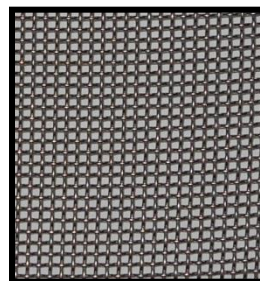
1/8" Holes



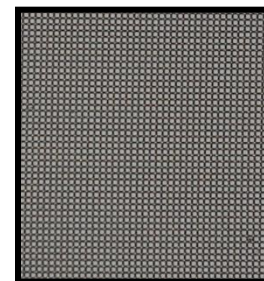
1/16" Holes



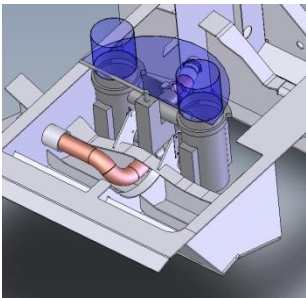
5/64" Holes



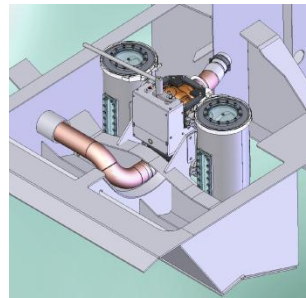
16 Mesh



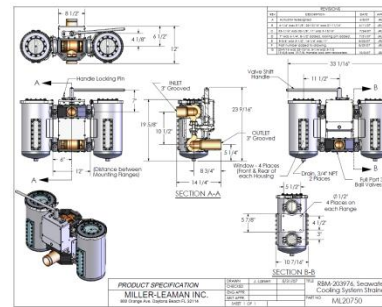
30 Mesh



1 - Packaging



2 - Detailed Design

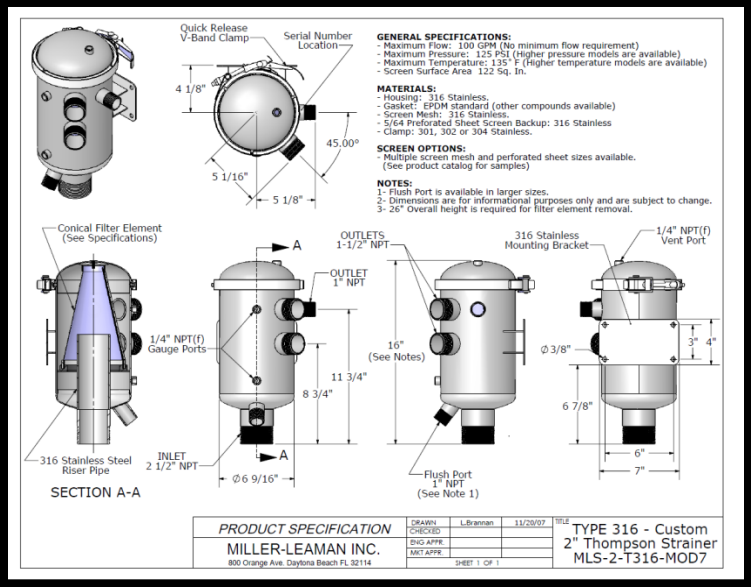
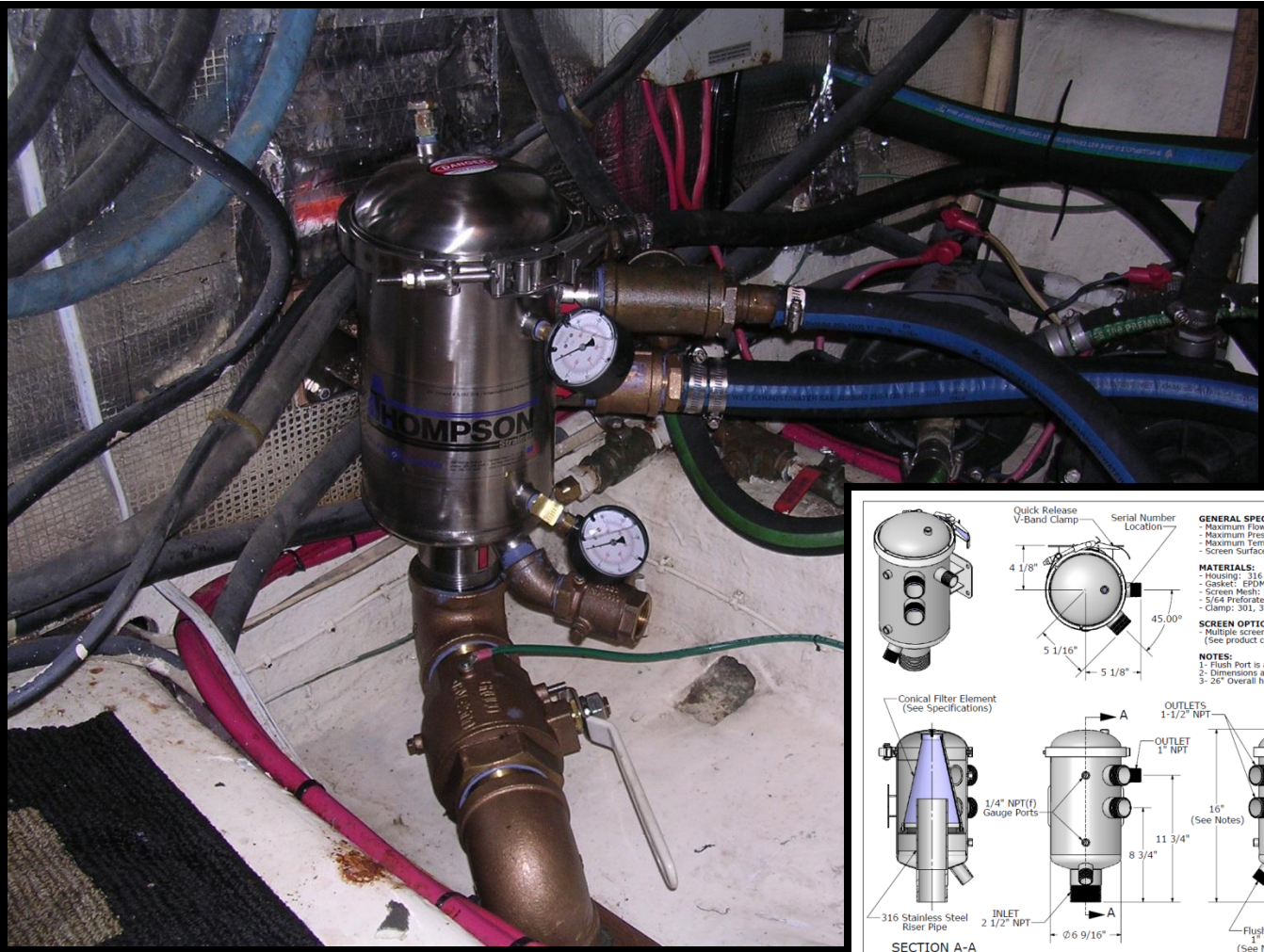


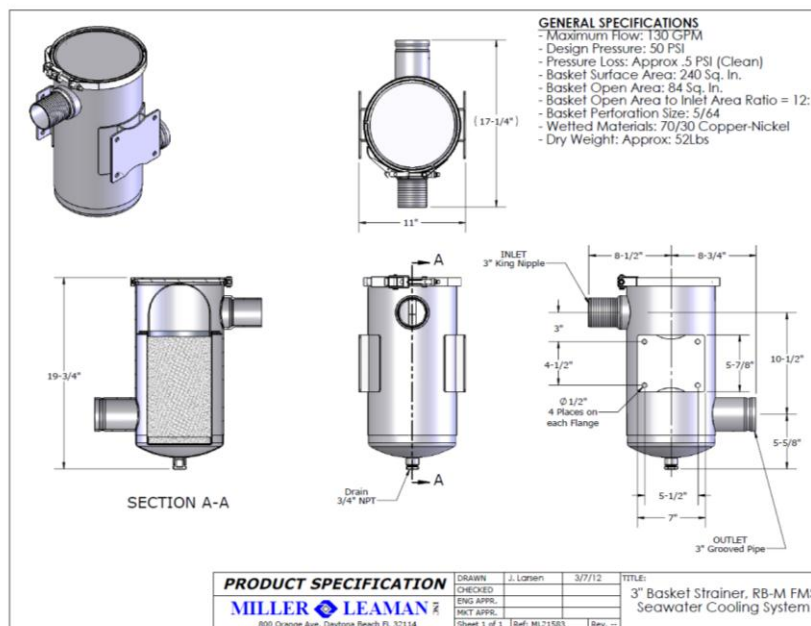
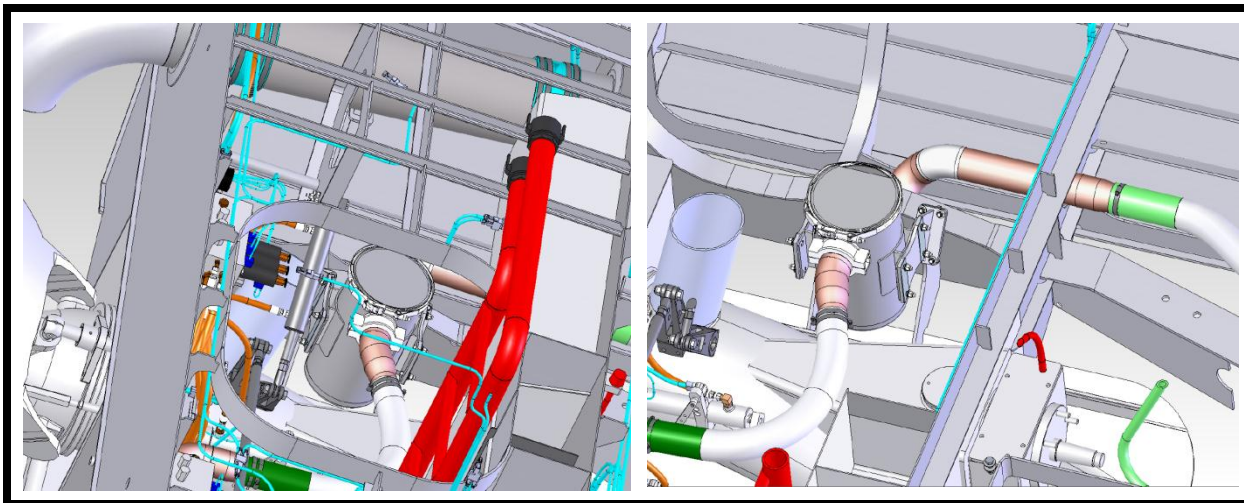
3 - Manufacturing Drawings

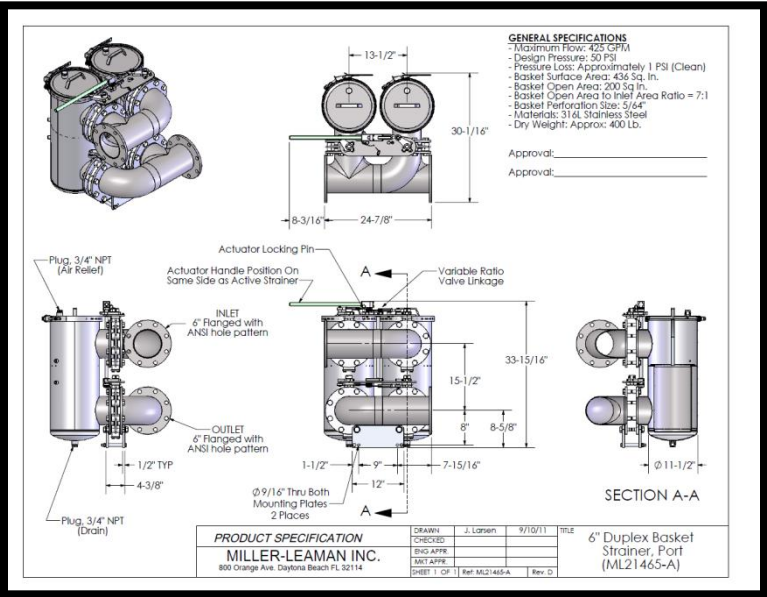
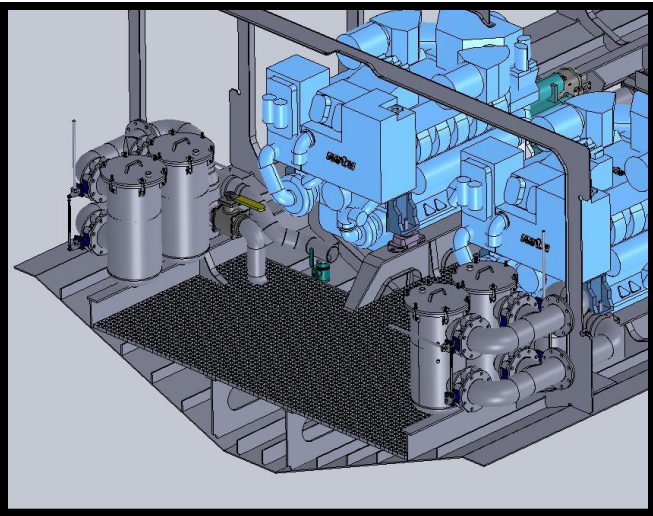


4 - Finish Product

- Miller-Leaman uses **SOLIDWORKS** 3-D Modeling Software to design the filtration system
- Customized to exact specifications









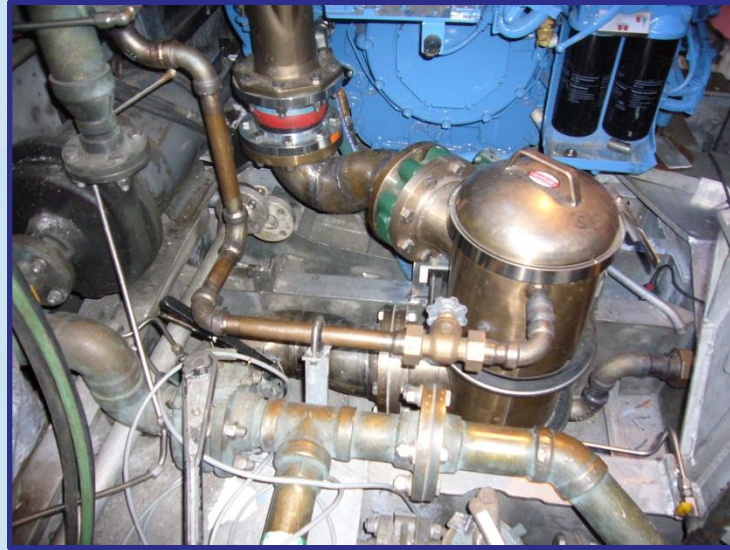


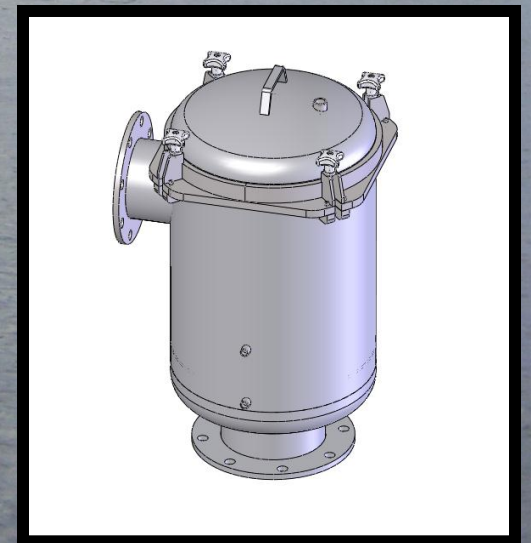


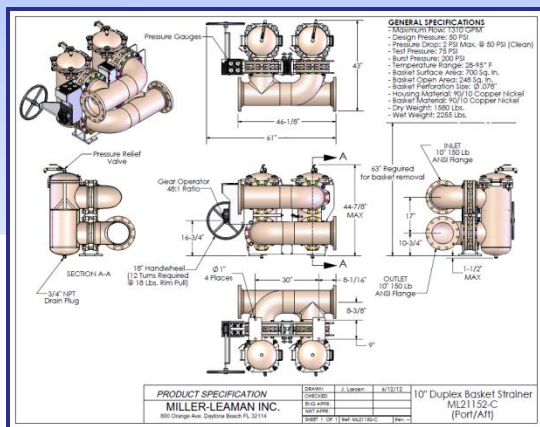






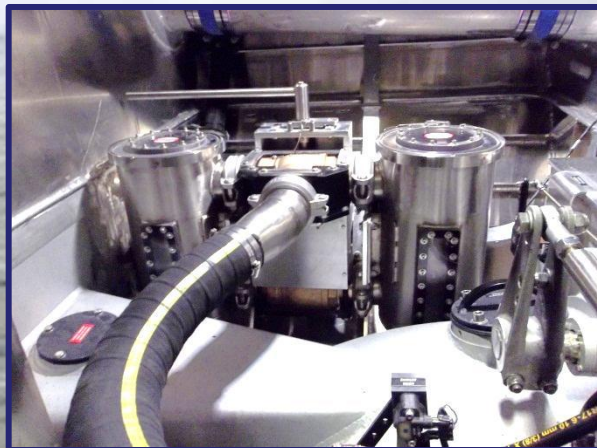






MILLER  **LEAMAN** INC







- Customized to Exact Specifications
- Thompson SeaStrainer - Miller-Leaman Proprietary Patented Product
- Capable of Using Various Materials
- Over 20 years Experience Designing Custom Filtration Systems
- Expertise in Stainless Vessel Design and Fabrication
- Unique and Innovative Designs
- Quick Response Times
- Flexible Design Process
- Customer Driven and Dedicated to Customer Satisfaction



MILLER **LEAMAN** INC
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