



**MILLER LEAMAN** INC

Pure Filtration Solutions.

**Marine Products**

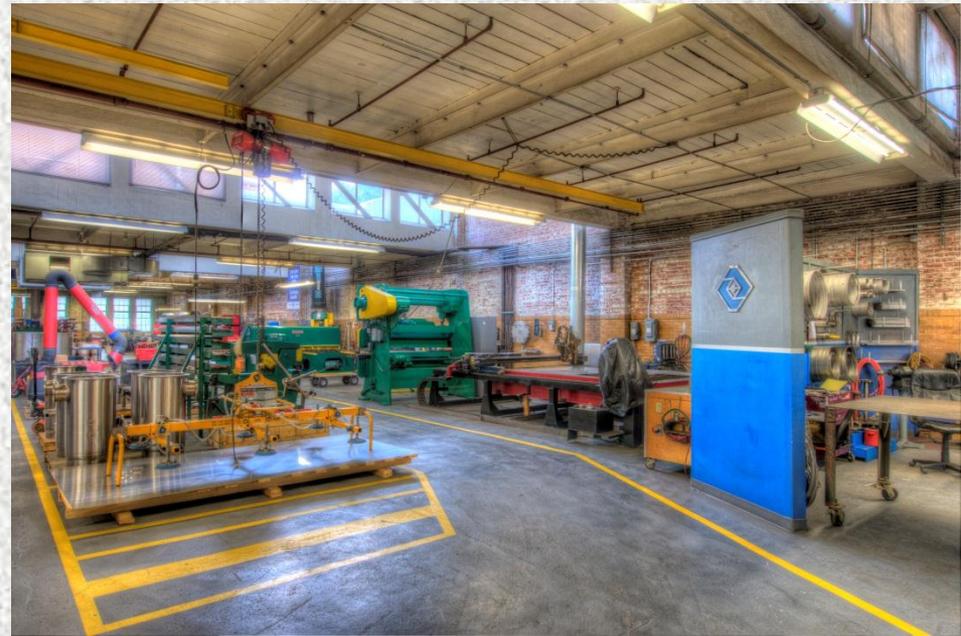
## Who is Miller-Leaman?

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



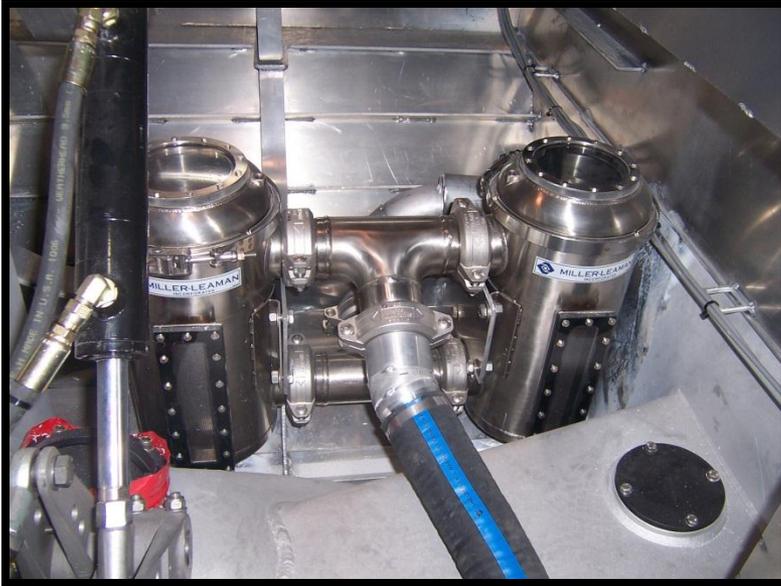


MILLER  LEAMAN <sup>INC</sup>



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





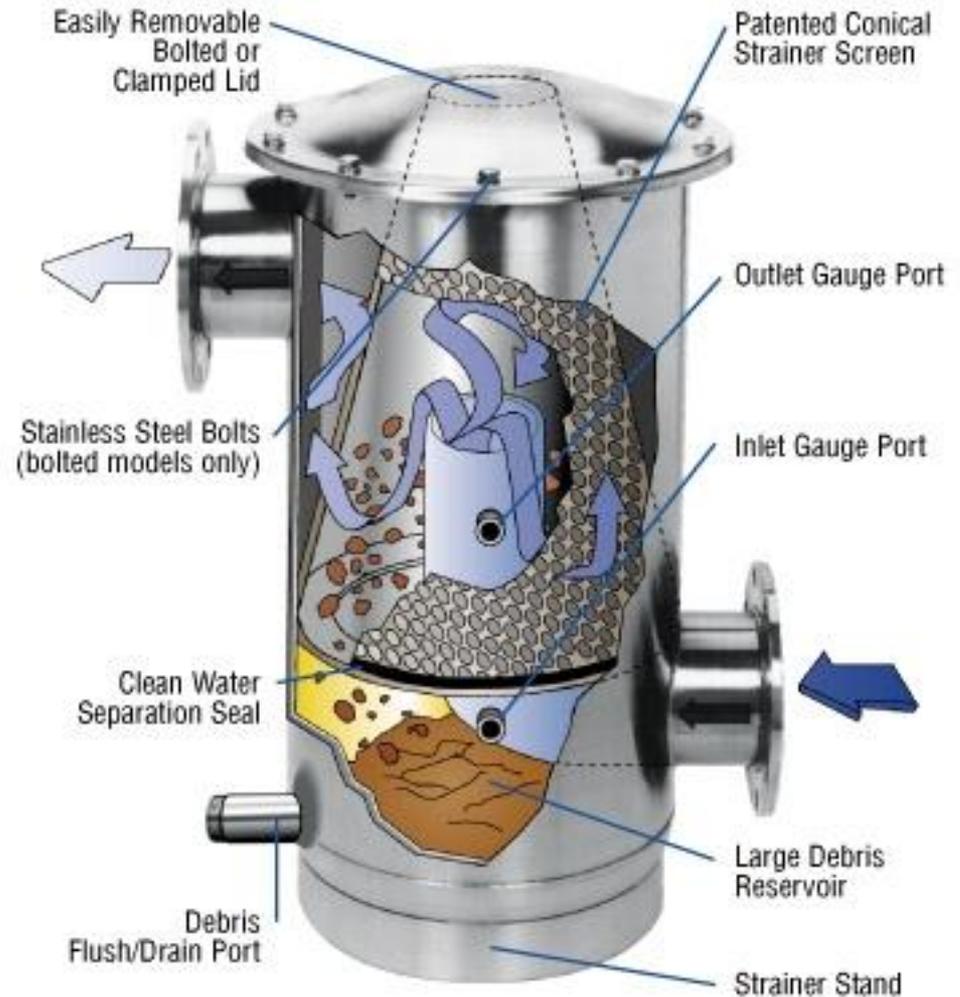
- Manufacturing custom strainers for new construction and retrofit applications
- Custom Thompson SeaStrainers (Simplex & Duplex)
- Custom Basket SeaStrainers (Simplex & Duplex)
- Various materials (316 SS, CuNi, etc)



- 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)



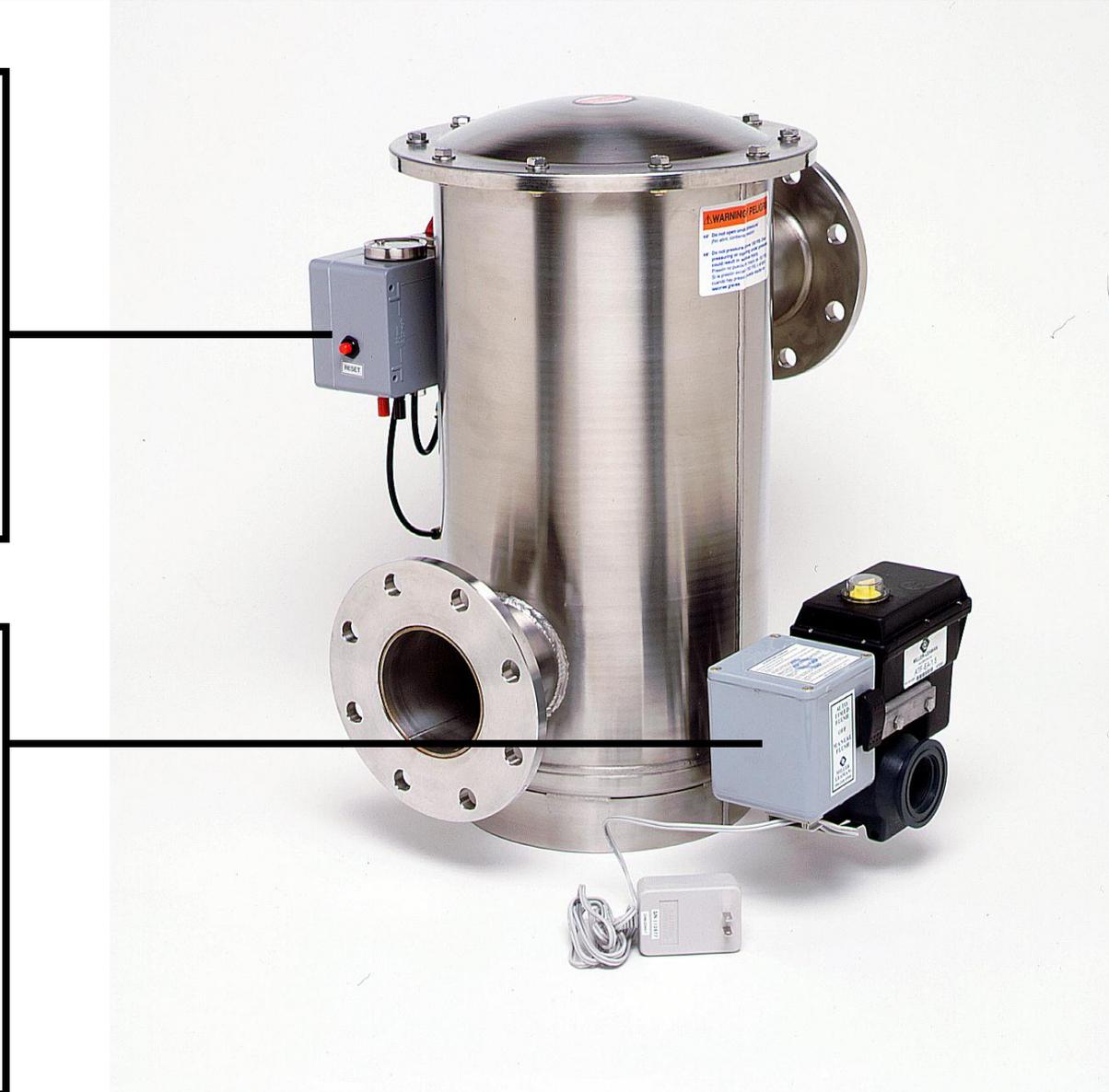


- High Quality, Durable Construction
- Customized to Exact Specifications to Minimize Footprint in engine room
- Flush/Drain Particles from Reservoir, via 1 ½" Port
- Substantially More Screen Surface Area Compared to Traditional Basket Strainers (3 - 5 Times) - Less Maintenance
- Heavy-Duty, Thick Gauge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

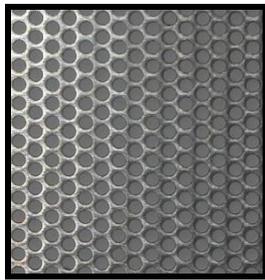
Pressure Differential Alarm (PDA)



Automatic Timer Flush (ATF-EA-1.5)

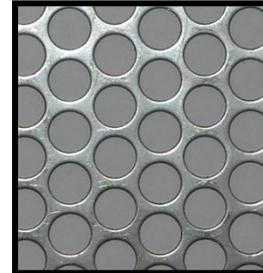


Industry  
Standard

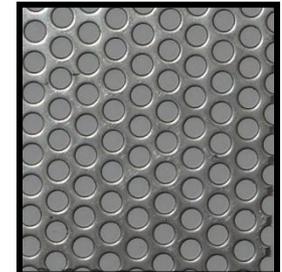


**5/64" Holes**

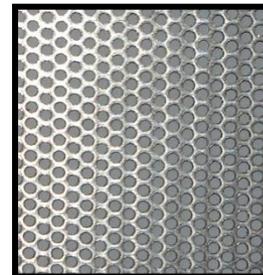
Miller-Leaman Standard



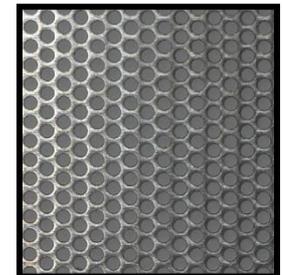
**1/4" Holes**



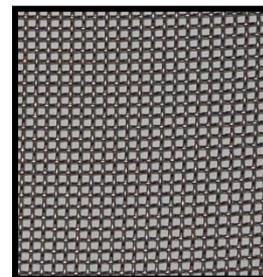
**1/8" Holes**



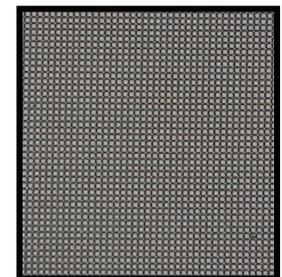
**1/16" Holes**



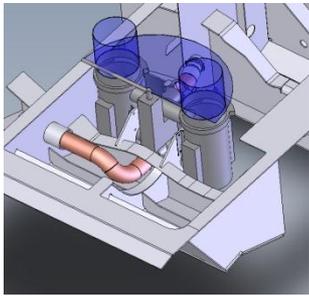
**5/64" Holes**



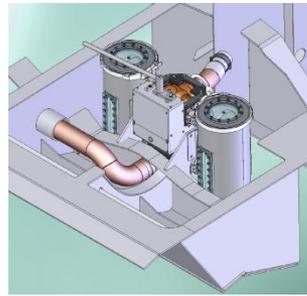
**16 Mesh**



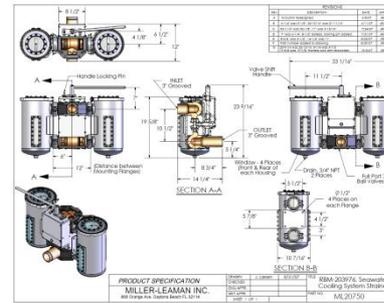
**30 Mesh**



1 - Packaging



2 - Detailed Design

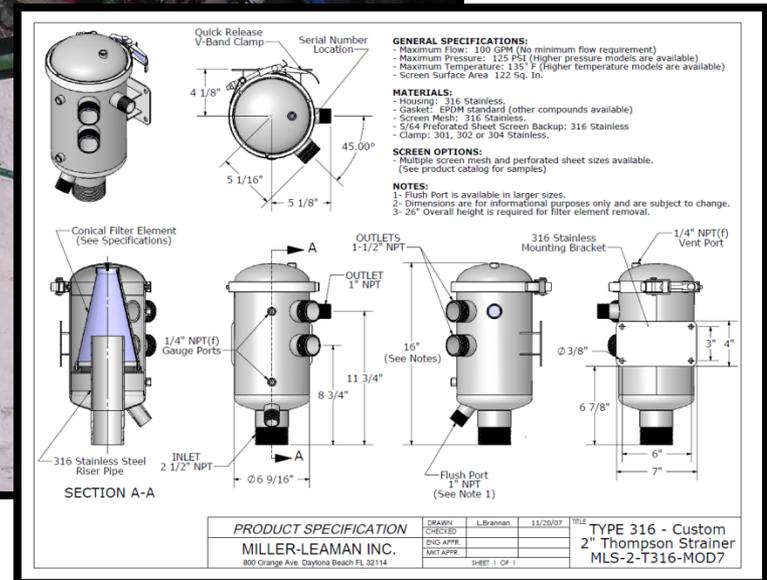
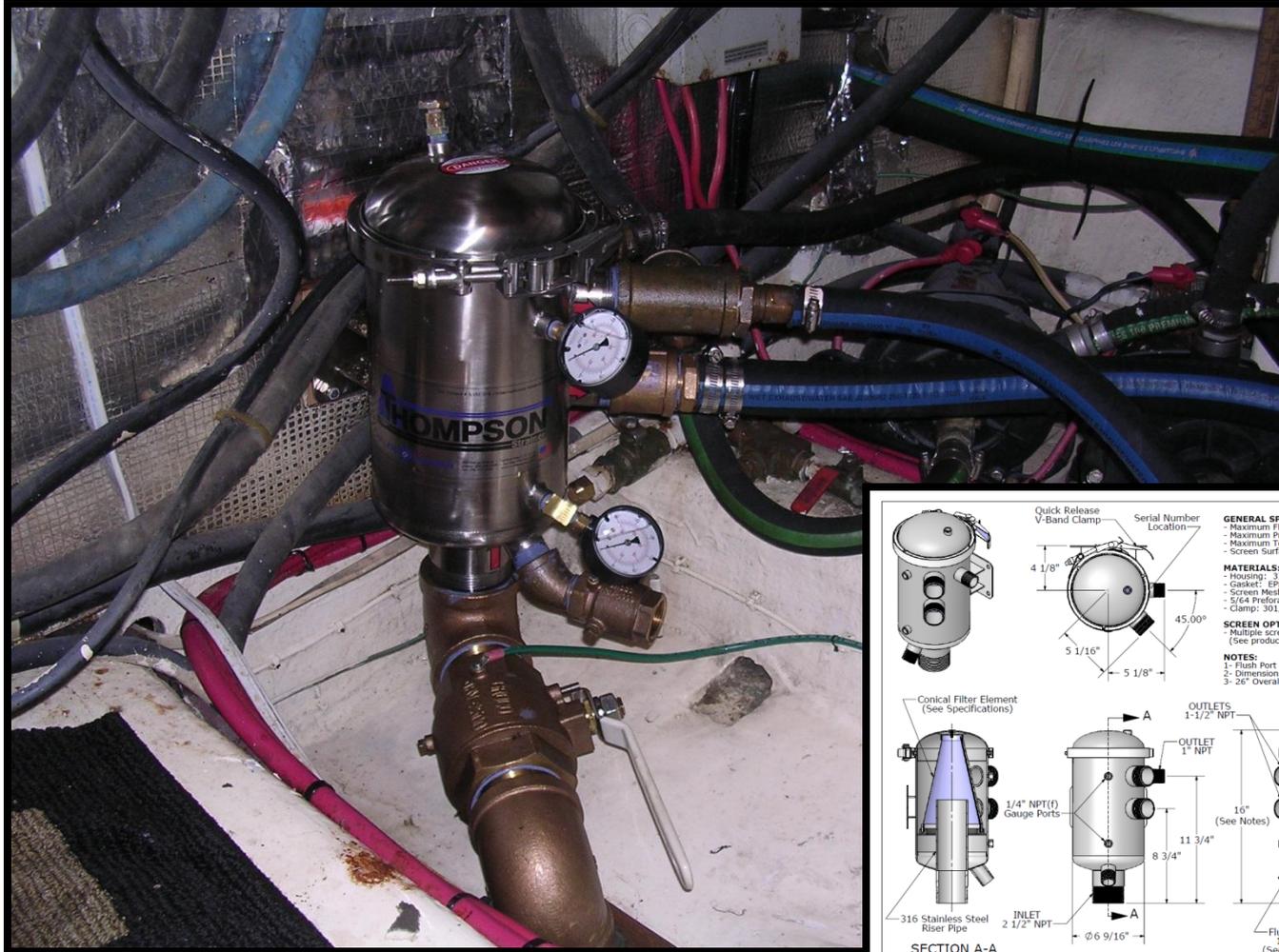


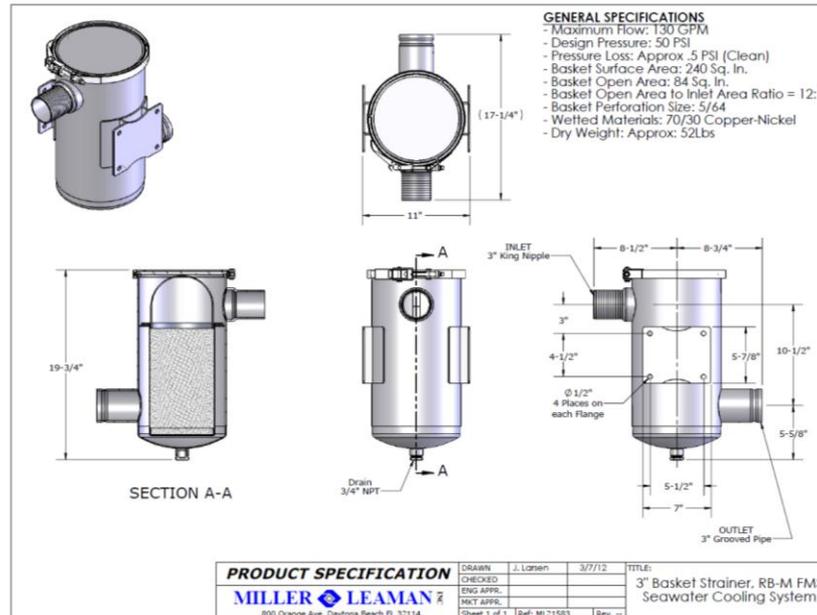
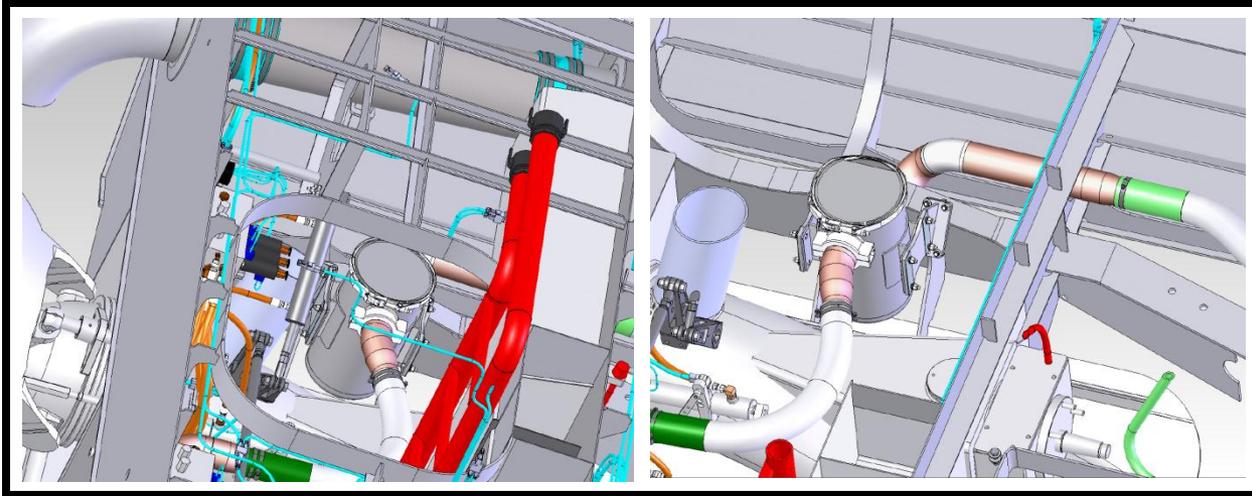
3 - Manufacturing Drawings

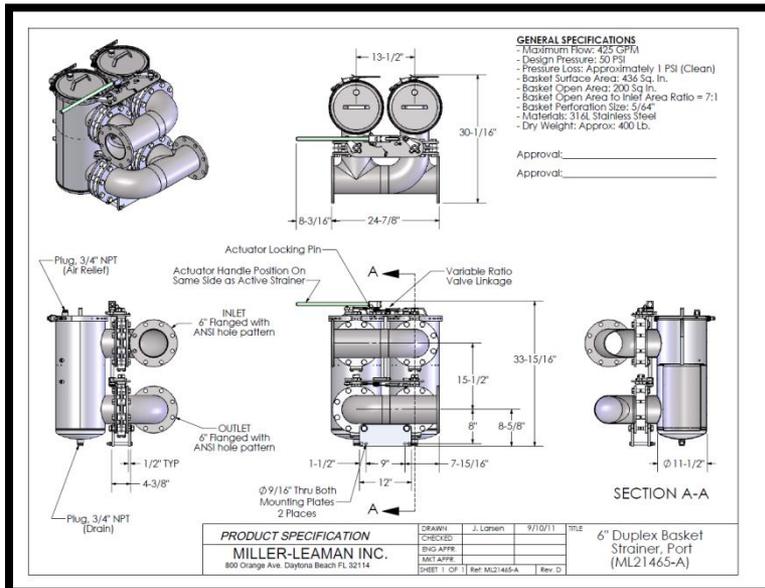
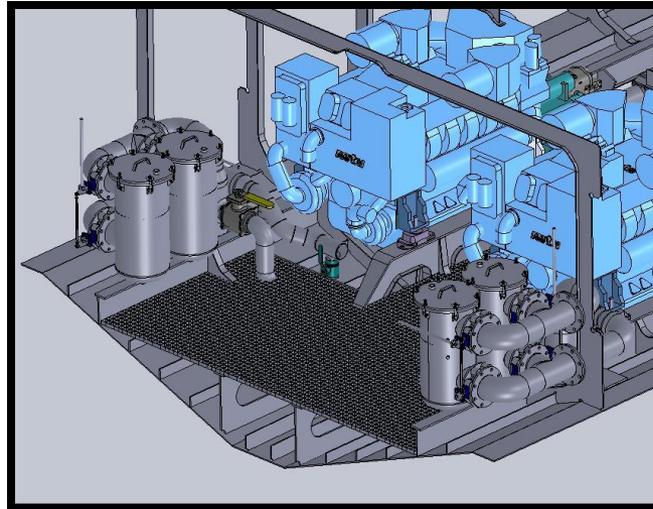


4 - Finish Product

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











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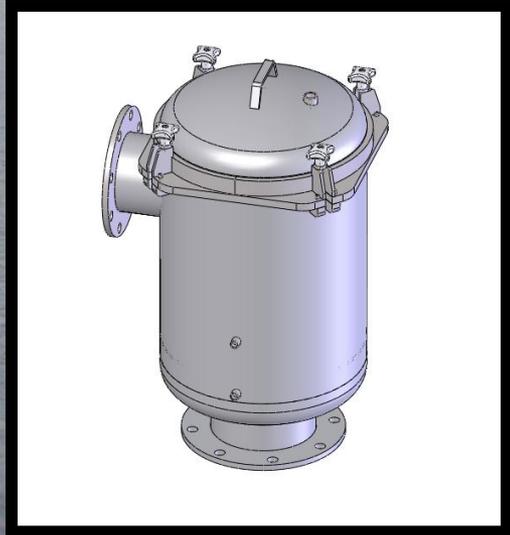


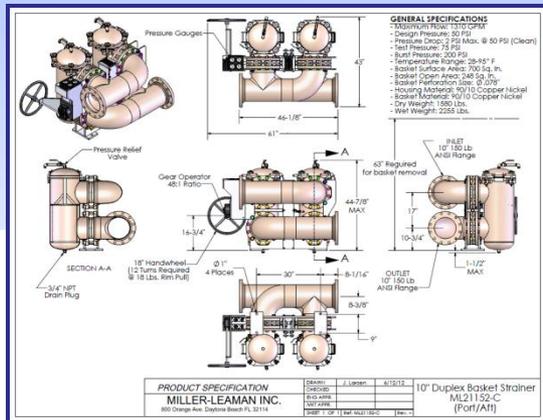




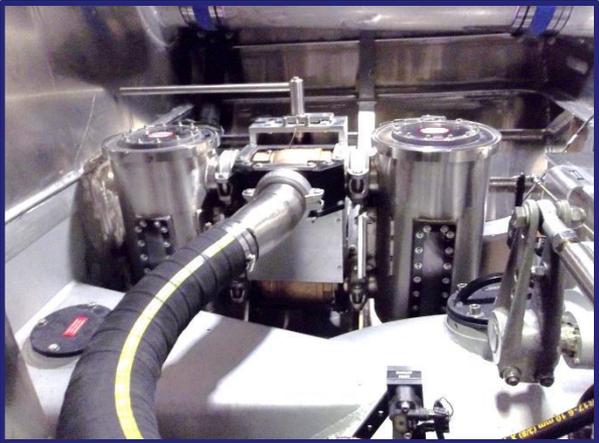








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- Customized to Exact Specifications
- Thompson SeaStrainer - Miller-Leaman Proprietary Patented Product
- Capable of Using Various Materials
- Over 20 years Experience Designing Custom Filtration Systems
- Expertise in Stainless Vessel Design and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



**MILLER**  **LEAMAN** INC

Pure Filtration Solutions.

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