

# HIGH FLOW FILTRATION SOLUTIONS

*For Data Center Cooling Systems*

Protect critical cooling infrastructure during commissioning, start-up, and ongoing operation. VYTAL high-flow filtration systems help remove particulate contamination from CDU loops and liquid cooling systems to protect pumps, heat exchangers, cold plates, valves, and control components.

## HIGH FLOW PERFORMANCE IN A SMALL FOOTPRINT

Engineered to deliver up to 250 GPM per housing within a compact footprint, VYTAL high-flow systems maximize flow capacity while minimizing mechanical room space requirements.

The streamlined internal flow path maintains low differential pressure to support pump efficiency and stable coolant delivery in liquid cooling systems.



## PRECISION FILTRATION

VYTAL high-flow cartridges utilize high surface area pleated media designed for high dirt-loading capacity, low pressure drop, and reliable high-flow performance.

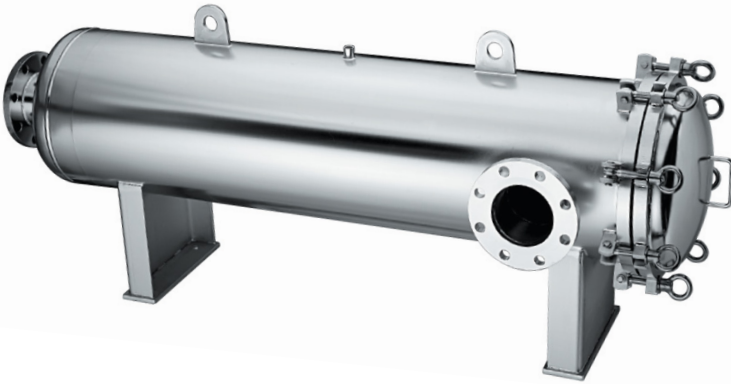
Filtration options down to 0.5 micron provide consistent particulate removal for sensitive cooling infrastructure.



**THE RIGHT FILTRATION SOLUTION. EVERY TIME.**

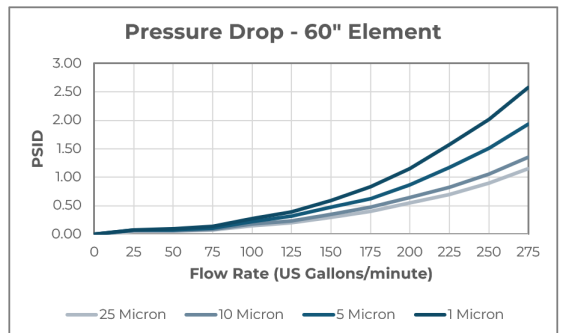
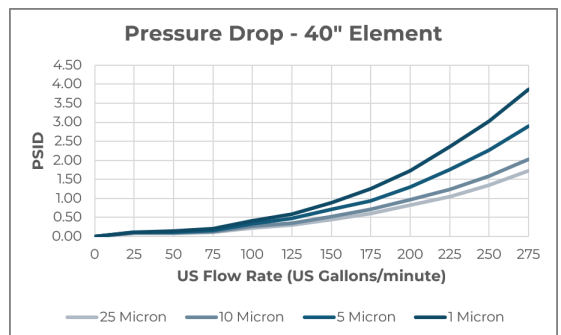
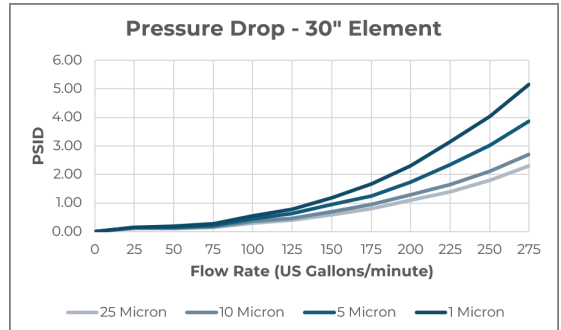
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## CUSTOM ENGINEERED HOUSINGS TO SUIT YOUR APPLICATION

- » Carbon Steel, 304SS, 316SS or 316LSS
- » Swing Lid design with Eyebolt closure for dependable sealing / Davit Arm standard on larger sizes
- » 150psi design pressure / 300F max temp
- » Sizes to accommodate 1-60 elements
- » Inside-Out or Outside-In flow path designs available
- » Differential/Drain/Vent connections standard
- » Standard EPDM o-ring seal
- » Finish: 2-Part Epoxy on Carbon Steel, Acid Wash with Electropolish exterior on Stainless
- » ASME certification available



\*Based on internal testing



## HIGH PERFORMANCE MISSION-CRITICAL COOLING

- » Improved system reliability
- » Reduced downtime risk
- » Extended pump and heat exchanger life
- » Enhanced heat transferefficiency
- » Lower operating costs

**VYTAL**  
FILTRATION TECHNOLOGIES

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