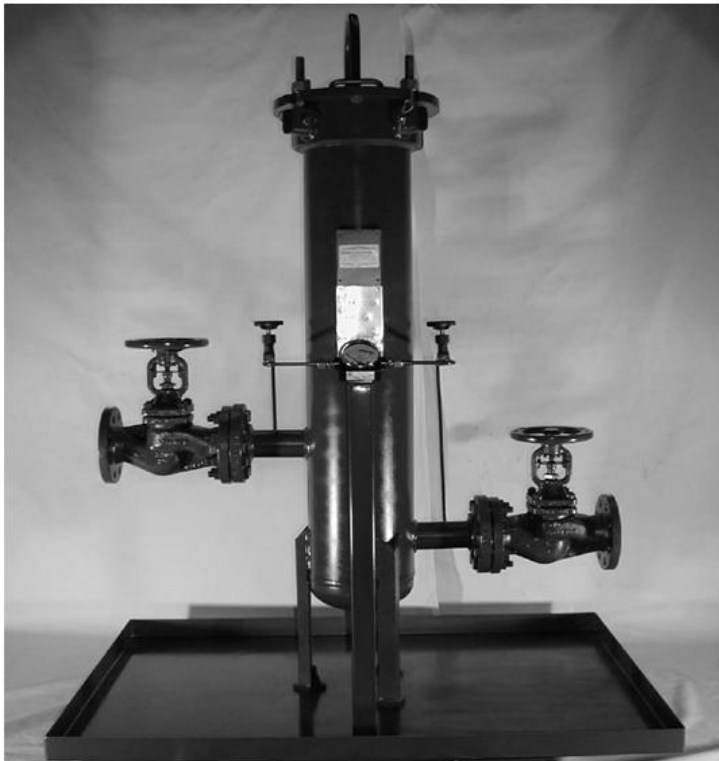




HEAT TRANSFER FLUIDS
MultiTherm[®]

Hot Oil Filtration Systems

Benefits of Sidestream Hot Oil Filtration



Hot Oils degrade by thermal cracking and oxidation. The two by-products of oil degradation is sludge and coke due to carbon build-up. These products can collect through-out your system but specifically in pump seals and internals, valves, etc. that result in equipment problems and possibly eventual system breakdown. The continuous contaminant build-up without proper filtration can also be detrimental to heating surfaces of your system, thereby reducing heat transfer efficiency.

The other important factor to consider is additional cost entailed from more rapid hot oil breakdown. This can include not only increased hot oil replacement but higher labor man-hours due to increase maintenance and repair time and the cost of replacement parts such as seals, valves, rotors, and mag-drive canisters thereby costs can quickly become considerable.

FILTRATION BENEFITS

- Extend Service Life of the Hot Oil
- Reduction of System Maintenance
- Reduction of Wear & Tear on Seals
- Improve Heat Transfer Efficiency
- Reduces Sludge Build-up thereby Improving viscosity of fluid
- Design for Operation up to 650° F
- Swing-bolt Lid for Easy Cartridge Change out
- Improved Flow-rates/throughput due to reduced contamination build-up

HEAT TRANSFER FLUIDS
MultiTherm[®]
YOUR HEAT TRANSFER NEEDS ARE OUR ONLY CONCERN

TYPICAL UNIT DIMENSIONS

Width: 36 inches
Diameter: 60 inches
Height: 48 inches

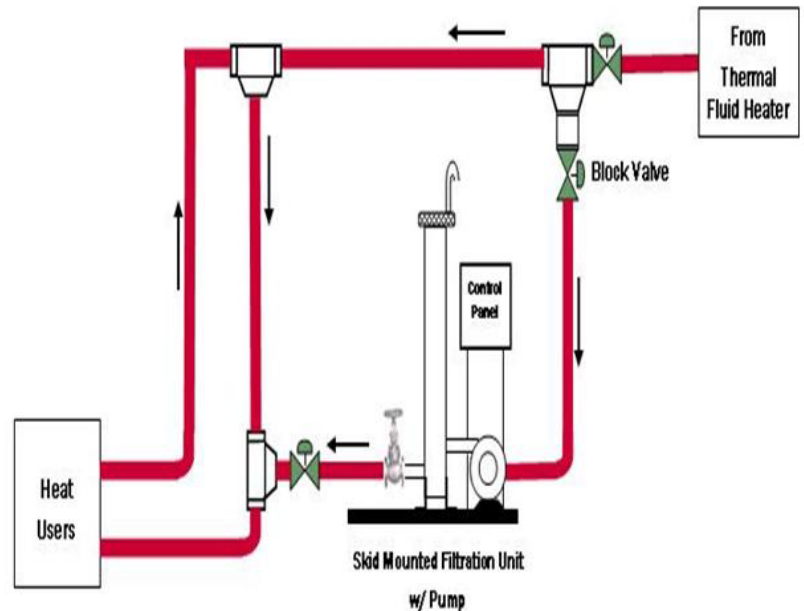
AVAILABLE CARTRIDGE SIZES

100–150 Micron
75 Micron
40 Micron
30 Micron
20 Micron
15 Micron
10 Micron

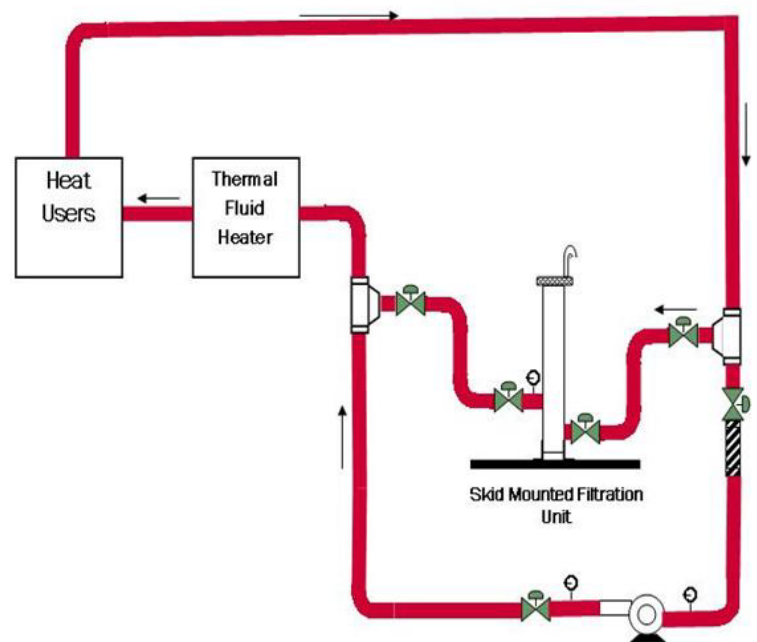
For additional information on our new Filtration Systems or any of our Non-Toxic MultiTherm® Heat Transfer Fluids or product Fluid Analysis contact MultiTherm by calling 1-800-225-7440.

The MultiTherm LLC has been a leading supplier of efficient, non-hazardous Heat Transfer Fluids since 1977. Within a temperature range of 10 degrees F to 600 degrees F, the company can successfully and economically accommodate a customer's heating or cooling requirements however exacting they may be. Further, MultiTherm provides troubleshooting help and a fluid analysis service to determine the physical and chemical condition of the fluid.

FILTRATION TYPICAL LAYOUT WITH PUMP



FILTRATION TYPICAL LAYOUT W/O PUMP



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