

Side Stream Hot Oil Filtering System

WHAT CAUSES HEAT TRANSFER OIL TO BREAKDOWN?

The main causes of heat transfer oil degradation are oxidation and oil flow. Over time, oil mixing with oxygen causes heat transfer oil to breakdown. This combined with low oil circulation breaks the oil which causes sludge or coke buildup.

HOW DO I KNOW IF MY HEAT TRANSFER OIL NEEDS TO BE CLEANED?

Your heating system will show signs of needing to be cleaned when the heater locks out more frequently. If you have trouble heating certain areas of your plant. If you continually have to heat elbows or pumps with a rosebud.



- Cleans coke, sludge, and debris buildup in thermal fluid systems.
- Extends life of thermal fluid
- Helps keep oil flowing for better heat transfer
- Filter can be cleaned while heater is running
- Covered filter keeps mess inside containment.

The Meeker Side Stream Filter System provides a method to continuously filter your thermal fluid system by flowing thermal fluid through a stainless steel canister filter. The system allows for a small amount of oil to bypass the filter so that flow can always be achieved.

When the filter becomes full, the oil bypasses the filter until the filter can be cleaned.

Cleaning the filter is a simple process. While the heater is running and oil is flowing through filter, the operator turns the iron gate valves to allow 100% flow

past the filter. This isolates the filter. The filter top is opened and the stainless steel-filter gets pulled out of the canister. We have provided a step on the filter to easily allow a person to pull the filter. Extreme caution and proper safety gear should be used when cleaning and handling the filter.

All debris is contained in the covered box we have provided so mess is minimal. Once filter is replaced, the valves are turned back to normal position and filtering continues.

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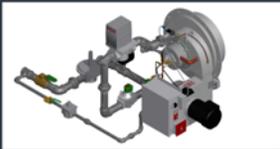
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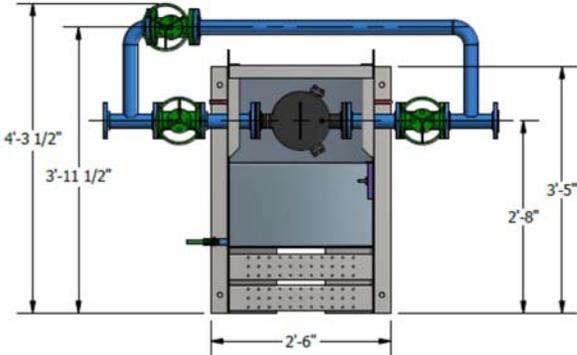
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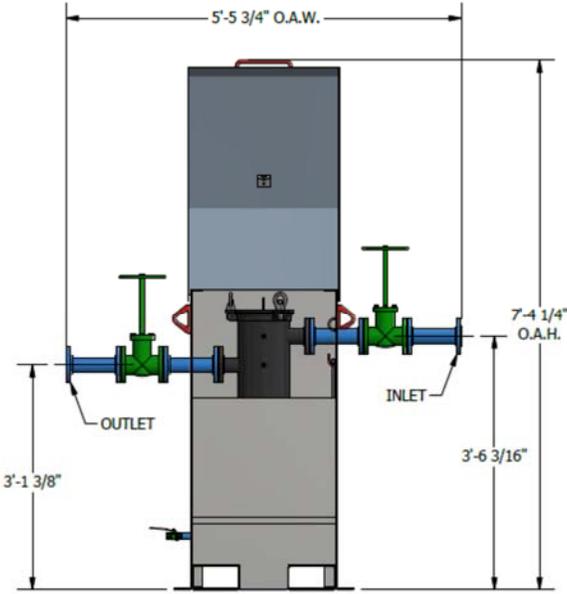
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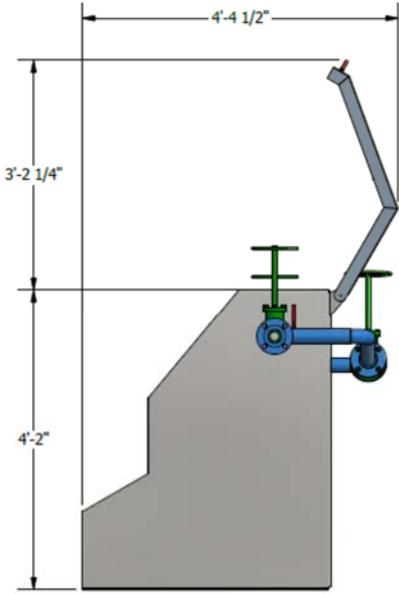
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