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HEAT TRANSFER FLUID & OIL FILTRATION SYSTEM

- Reduce Fouling
- Control Degradation
- Minimize Unscheduled Maintenance
- Increase Heat Transfer Efficiency
- Patented System Cleans Fluids Without Disrupting Process Operation
- Reduce Wear of Seals, Pumps, Valves
- Reduce Overall Heat Transfer Fluid Cost
- Increase Production Rates

SENTINEL SERIES
Flow Rates 15 USGPM or 57 LPM to 200 USGPM or 758 LPM

Flow Rates 15 USGPM or 57 LPM to 200 USGPM or 758 LPM

To 650°F or 345°C & 150 PSIG or 10.5 BAR
**SENTINEL SERIES SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FLOW RATE</th>
<th>INLET/OUTLET</th>
<th>ESTIMATED DIMENSIONS WxDxH IN/CM</th>
<th>ESTIMATED WEIGHT LBS/KG</th>
<th>NO. of ELEMENTS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB10C</td>
<td>15 USGPM or 57 LPM</td>
<td>1” or 25.4 mm NPT or SW</td>
<td>36”x30”x50” 86x71x127</td>
<td>250 LBS or 113 KG</td>
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<tr>
<td>SC10C</td>
<td>30 USGPM or 114 LPM</td>
<td>1.5” or 38 mm SW or FLG</td>
<td>40”x30”x54” 97x71x137</td>
<td>380 LBS or 172 KG</td>
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<tr>
<td>SD10C</td>
<td>60 USGPM or 227 LPM</td>
<td>2” or 51 mm SW or FLG</td>
<td>47”x37”x55” 102x71x140</td>
<td>480 LBS or 218 KG</td>
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<tr>
<td>SE10C</td>
<td>100 USGPM or 379 LPM</td>
<td>2” or 51 mm SW or FLG</td>
<td>60”x48”x58” 104x71x147</td>
<td>605 LBS or 274 KG</td>
<td>7</td>
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</tbody>
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*Elements range from 100, 50, 25 and 10 microns particle size removal.

The patented Sentinel filter system is a stand alone filtration unit. It includes its own pump, valves, gauges, and controls to provide the highest efficiency in element dirt loading. The modular design makes it versatile in locating the system anywhere within the hot oil system loop.

The control panel includes a filter monitor and automatic shut down of the system when the elements are completely clogged.