Inclined basket position provides low pressure drop for higher system efficiency

Quarter-turn, easy opening breech-lock lid simplifies routine cleaning

Top basket removal eliminates the need to drain the strainer and minimizes product loss

Weatherseal lid design protects against exterior elements and air infiltration

Tapped, flanged or grooved end ports available

Optional magnetic inserts are available for trapping ferrous particles

Optional differential pressure indicators optimize cleaning intervals

Capacity: to 340 M³/Hr (1,500 GPM)
Pressure: to 14 Bar (200 PSI)
Viscosity: to 55,000 cSt (250,000 SSU)
Temperature: -51°C to +260°C (-60°F to +500°F)
Materials: Aluminum, Cast Iron, Ductile Iron, Stainless Steel
Elastomers: Buna-N, Viton®, PTFE Encapsulated
Options: Magnetic Inserts, Differential Pressure Indicators
Ports: Flanged, Grooved, Tapped (NPT or BSP)
Viking Quality Construction

Viking Lid-Ease Strainers are high-quality, easy-to-clean line strainers that are designed for applications in the chemical, petrochemical and most general fluid-flow industries. These single, or “simplex” style, strainers are offered with tapped, flanged or grooved porting and are available for ¾, 1, 1¼, 1½, 2, 3, 4, 6 and 8 inch piping. The basket and screen (available in 10, 20, 40, 60, 80 or 100 mesh) are constructed of stainless steel. Nominal capacities range from 20 to 1,500 GPM with a rated pressure of up to 200 PSI.

Strainer bodies and lids are presently available in cast iron, ductile iron, aluminum or stainless steel.

Low Pressure Drop

Viking Lid-Ease Strainers are designed for minimal pressure drop through the unit. Pressure drop is minimized by the inclined position of the strainer basket adjacent to the porting. This provides smooth flow patterns not found in conventional basket type strainers. See www.vikingpump.com for a strainer selection program that provides pressure drop for your specific viscosity.

Easy to Clean

No special tools are needed for lid removal. A simple lid rotation disengages the breech-lock lid to permit easy removal of the basket. The basket is removed from the top of the strainer to eliminate foreign matter from dropping back into the line when the strainer is cleaned. The strainers are equipped with a drain plug for complete draining, if required. Their light-weight and small overall dimensions make it possible to install Viking Lid-Ease Line Strainers in systems that cannot accommodate larger strainers of equal porting size.

<table>
<thead>
<tr>
<th>MESH</th>
<th>NO MESH</th>
<th>10</th>
<th>20</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPENING (INCHES)</td>
<td>.156 (¾” - 1½”)</td>
<td>.188 (2” - 8”)</td>
<td>.075</td>
<td>.034</td>
<td>.015</td>
<td>.009</td>
<td>.007</td>
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<tr>
<td>OPENING (MICRONS)</td>
<td>3962 (¾” - 1½”)</td>
<td>4775 (2” - 8”)</td>
<td>1,910</td>
<td>860</td>
<td>380</td>
<td>230</td>
<td>190</td>
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</tbody>
</table>

For more information, contact your local Authorized Viking Pump Distributor or contact Viking at:

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