Remove heat and reduce flush fluid temperature to increase mechanical seal reliability and life without cooling water, electricity or compressed air.

ANC Seal Cooler

The ANC Seal Cooler is designed to increase performance of finned pipe seal cooler designs, including no-wind and low-wind applications. The ANC Seal Cooler can be applied to multiple seal support systems, including piping plans 21, 23, 53B and 53C.

Features and benefits

- Unique conical design maximizes heat transfer in no-wind or low-wind services
- Fully compliant with API 682 4th Edition with large tube size to maximize flow
- 316 stainless steel construction provides superior corrosion resistance
- Minimizes operating costs and maintenance with no utilities required
- Compact design simplifies installation and maintenance, including easy cleaning, venting and draining
- Robust welded fins can be cleaned with power washers
- Two tube lengths with series and parallel flow configurations provide flexibility to achieve the right amount of cooling
ANC Seal Cooler

Model numbers

Example:
ANC06SW0600

<table>
<thead>
<tr>
<th>Model numbers</th>
<th>Tube length (m)</th>
<th>Series or parallel coil</th>
<th>Connection type</th>
<th>Flange class</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANC 06</td>
<td>06</td>
<td>S</td>
<td>W</td>
<td>0600</td>
</tr>
</tbody>
</table>

06 or 12
S or P
N (NPT), T (tube), W (welded flange) or F (flange with tube connector)

316 stainless steel
Cooling coil tube O.D. 19 mm (0.750 in)
Cooling coil tube wall thickness 2.77 mm (0.109 in)
Effective cooling area 7.3 m² (78 ft²)
Maximum temperature 371°C (700°F)
Maximum pressure 200 bar @ 371°C (2,900 psig @ 700°F)
Volume 0.85 or 1.7 L (0.22 or 0.45 gallon)
Connections Tube end, NPTF or flange
Flange rating 300#, 600# or 1500#

ANC Seal Cooler included in a plan 53B assembly

Add “-P” for Pressure Equipment Directive (PED) 2014/68/EU on 12S and 12P models only.

Note: not all configurations are available on all models.

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