**FW9-S Series**

**Applications**

For stationary and mobile installations at refineries, fuel storages, marine depots, as well as tank farms, according to EI 1581 5th Edition, Category C, Type S

FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines DGRL 97/23/EG and pressure vessel regulation of AD-2000. The design according to other pressure vessel regulations like ASME code with or without U-Stamp, BS, GOST-R, etc., is possible on customers request.

**Technical Details**

- For mobile and stationary applications
- Tested and approved acc. to EI 1581 5th edition, Cat. C, Type S
- Suitable for Jet A1, Avgas and other fluids on request
- Maximal flow rates up to 330 l/min
- Max. 15 ppm free water in the outlet
- Max. 0,26 mg/l (average) particles in the outlet

**Sample Identification**

<table>
<thead>
<tr>
<th>Type</th>
<th>Coalescer Element</th>
<th>Separator Element</th>
<th>Maximum Flow Rate</th>
<th>Volume</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Model Qty</td>
<td>Model Qty</td>
<td>Jet-A, Jet-A1 Cat. C, Type S</td>
<td>l/min</td>
<td>USGPM</td>
</tr>
<tr>
<td>FW9-S-1/362  P.3-362 1</td>
<td>FW9-S-1(362) 1</td>
<td>≈ l ≈ kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FW9-S-1/467  P.3-467 1</td>
<td>FW9-S-1(467) 1</td>
<td>134 35 40 95</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FW9-S-1/565  P.3-559 1</td>
<td>FW9-S-1(565) 1</td>
<td>177 46 45 95</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FW9-S-1/727  P.3-727 1</td>
<td>FW9-S-1(727) 1</td>
<td>217 57 50 100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FW9-S-1/842  P.3-842 1</td>
<td>FW9-S-1(842) 1</td>
<td>283 74 60 100</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Design in Stainless Steel acc. to AO-2000 or ASME code

---

FAUDI Aviation GmbH
Scharnhorststrasse 7 B
D-35260 Stadtallendorf
Germany
Phone: +49 6428 4465-275
Fax: +49 6428 4465-231
E-Mail: contact@faudi-aviation.com
Web: www.faudi-aviation.com

FAUDI aviation quality guarantees safety

DS-FW9-S-1-EN_2-3 1/2 Rev. 2.3
FW9-S Series

Standard Design

- Made in stainless steel
- AD-2000 module H / ASME code without U-Stamp
- Design pressure: 12 bar
- Connections for:
  - Automatic air eliminator
  - Pressure relief valve
  - Water Level Indicator
  - Differential pressure measuring device (2-point)
  - Sample probe connections on inlet and outlet

Dimensions in mm for stainless steel vessel standard

<table>
<thead>
<tr>
<th>Type</th>
<th>In-/Outlet</th>
<th>Dimensions in mm*</th>
</tr>
</thead>
<tbody>
<tr>
<td>FW9-S-1/362</td>
<td>DIN 50 2&quot;</td>
<td>Ø 273 a 1,120 b 900</td>
</tr>
<tr>
<td>FW9-S-1/467</td>
<td>DIN 50 2&quot;</td>
<td>Ø 273 a 1,225 b 1,000</td>
</tr>
<tr>
<td>FW9-S-1/565</td>
<td>DIN 50 2&quot;</td>
<td>Ø 273 a 1,325 b 1,100</td>
</tr>
<tr>
<td>FW9-S-1/727</td>
<td>DIN 50 2&quot;</td>
<td>Ø 273 a 1,485 b 1,200</td>
</tr>
<tr>
<td>FW9-S-1/842</td>
<td>DIN 50 2&quot;</td>
<td>Ø 273 a 1,600 b 1,300</td>
</tr>
</tbody>
</table>

* Design in Stainless Steel acc. to AD-2000 or ASME code