1. Introduction

The MAHLE Industrial Filtration AFT 36 cartridge filter housing has been designed to offer a cost effective high flow rate, stainless steel housing. The AFT 36 is suitable for a wide range of applications and exhibits excellent performance in water filtration in particular.
2. Features

- Accepts a wide range of cartridge end fittings – single open end (with or without fin) SOE and double open end (DOE) due to innovative sealing system.
- Suitable for 9 x 40” cartridges for maximum flow rate
- Clamp closure for design
- 304 or 316 stainless steel construction for maximum chemical compatibility
- Ease of use design and construction
- DN65 flange inlet / outlet as standard
- O ring sealing: EPDM

3. Standard specifications

- Design pressure : 10 bar(g)
- Design temperature : -10 / 90 °C
- PED 97/23/EC : article 3 paragraph 3
- Maximum differential pressure
  - design : 2.5 bar
  - operating : depending on type of filter cartridge installed

The internal construction is designed to suit:
- Double Open End (X0, X4 and X9)
- Single Open End (X3 and X8)

4. Filter cartridges

MAHLE Industrial Filtration supplies a wide range of filter cartridges in different medias, pore sizes, dimensions and models to fit any of its existing housings as well as those of other manufacturers.

For detailed information about filter cartridges option, please contact your local representative.

5. Dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Nozzle specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 268 mm</td>
<td>N1 Inlet DN65 EN1092/PN16</td>
</tr>
<tr>
<td>B 1482 mm</td>
<td>N2 Outlet DN65 EN1092/PN16</td>
</tr>
<tr>
<td>C 370 mm</td>
<td>N3 Vent Rp 1/4&quot;</td>
</tr>
<tr>
<td>D 200 mm</td>
<td>N4 Drain Rp 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>N5 Drain Rp 1/4&quot;</td>
</tr>
</tbody>
</table>

6. Ordering code

Example

<table>
<thead>
<tr>
<th>Type</th>
<th>AFT36</th>
<th>4</th>
<th>A</th>
<th>3F</th>
</tr>
</thead>
</table>

- Cartridge length
  - 4 = 40”
- Material
  - A = stainless steel 304
  - S = stainless steel 316
- Inlet/outlet
  - 2.5F = DN65 acc. EN1092/PN16
- Cartridge style
  - No code = X0, X4 and X9 style
  - X3 = X3, X8 style

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