**Process Inline Filter**

**Specifications**

<table>
<thead>
<tr>
<th>Filter Size</th>
<th>NW1 in (mm)</th>
<th>NW2 in (mm)</th>
<th>H Max. in (mm)</th>
<th>h1 in (mm)</th>
<th>h2 in (mm)</th>
<th>h3 in (mm)</th>
<th>b1 in (mm)</th>
<th>b2 in (mm)</th>
<th>D in (mm)</th>
<th>d1 in (mm)</th>
<th>Installation Height in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-stage</td>
<td>5.91 (150)</td>
<td>3.94 (100)</td>
<td>88.98 (2260)</td>
<td>70.28</td>
<td>77.95</td>
<td>18.82</td>
<td>11.18</td>
<td>17.13</td>
<td>22.24</td>
<td>10.75</td>
<td>51.18 (1300)</td>
</tr>
<tr>
<td>2-stage</td>
<td>7.87 (200)</td>
<td>5.91 (150)</td>
<td>101.77 (2585)</td>
<td>78.94</td>
<td>88.19</td>
<td>22.91</td>
<td>14.45</td>
<td>20.24</td>
<td>26.38</td>
<td>12.75</td>
<td>40.06 (1170)</td>
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</table>

**Filtration Rate:** 1-90 μm

**Operating Rate:** 32°F - 194°F (0°C - 90°C)

**Housing Material:** Stainless Steel - E1 and E2

**Flow Rate:** 881 gpm (4003 L/min)

**Pressure Rating:** 145 or 230 psi (10 or 16 bar)

**Connections Inlet/Outlet:** 6" Flange (DN 150)

**Connection Discharge Line:**
- G1" In-Line Version
- G1/2" Outlet Version Downward

**Filter Area:** Contact Factory

**Weight:** 132 lbs (60 kg)

**Volume:** 13 gal (50 L)
**How to Build a Valid Model Number for a PLF1:**

<table>
<thead>
<tr>
<th>BOX 1</th>
<th>BOX 2</th>
<th>BOX 3</th>
<th>BOX 4</th>
<th>BOX 5</th>
<th>BOX 6</th>
<th>BOX 7</th>
<th>BOX 8</th>
<th>BOX 9</th>
<th>BOX 10</th>
<th>BOX 11</th>
<th>BOX 12</th>
<th>BOX 13</th>
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<td>PLF1</td>
<td>1</td>
<td>2</td>
<td>9HF</td>
<td>V</td>
<td>E1</td>
<td>S</td>
<td>C</td>
<td>E1</td>
<td>10</td>
<td>N</td>
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Example: NOTE: One option per box

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**Filter Series**
- PLF1

**Filter Size**
- 1 = For 9" High Flow or High Load Cascade filter elements
- 2 = For 6" High Flow filter elements

**Filter Housing Length**
- 1 = single-stage
- 2 = double-stage

**Element Type**
- 6HF = 6" filter element diameter High Flow
- 9HF = 9" filter element diameter High Flow
- 9HLC = 9" filter element diameter High Load Cascade

**Filter Orientation**
- V = Vertical
- H = Horizontal

**Housing Material**
- E1 = Stainless Steel 1.4301
- E2 = Stainless Steel 1.4571
- SD = Superduplex
- D = Duplex
- A = w/ ANSI flanges "A" - readjusted additionally
- J = w/ JIS flanges "J" - readjusted additionally

**Design Code**
- S = Schroeder Standard
- A = ASME VIII Div. 1
- U = ASME VIII Div. 1 stamped
- E = EN 13445

**Connection Code**
- G2 = Thread G2" (size 2 only)
- C = DIN DN 50 / 2" ANSI
- E = DIN DN 80 / 3" ANSI (size 1 only)
- F = DIN DN 100 / 4" ANSI (size 1 only)
- K = DIN DN 150 / 6" ANSI (size 1 only)

**Internal Parts**
- E1 = Stainless steel 1.4301 or similar material (group 304)
- E2 = Stainless steel 1.4571 or similar material (group 316)
- SD = Superduplex (on request)
- D = Duplex (on request)

**Pressure Ranges**
- 10 = PN 10
- 16 = PN 16

**Seal Material**
- N = NBR
- V = FPM (Viton)¹
- E = EPDM

**Clogging Indicator**
- 0 = w/o
- 1 = w/ visual CI (PVD 2B.1)
- 2 = w/ visual-electric CI (PVD 2D.0/-L24)
- 3 = V01
- 4 = Differential pressure gauge aluminum w/ 2 adjustable switching contacts
- 5 = Differential pressure gauge stainless steel w/ 2 adjustable switching contacts
- 6 = w/ electric CI (PVD 2C.0)
- 7 = PVL2GW.0/-V-110
- 8 = PVL2GW.0/-V-120

**Optional Fitting**
- 3 = Air-bleed valve made of stainless steel
- 4 = Ball valve for draining
- 5 = Flange
- 6 = Clamp connection
- 7 = Special industrial part washers design (TRA)
- 8 = Including solenoid technology
- 9 = Heigh adjustable 3 legged base design for PLF1-2-6HF, TRA (Option 7)

¹For reservoirs made of stainless steel 1.4571 or similar material (group 316), use NBR or EPDM sealing material preferably