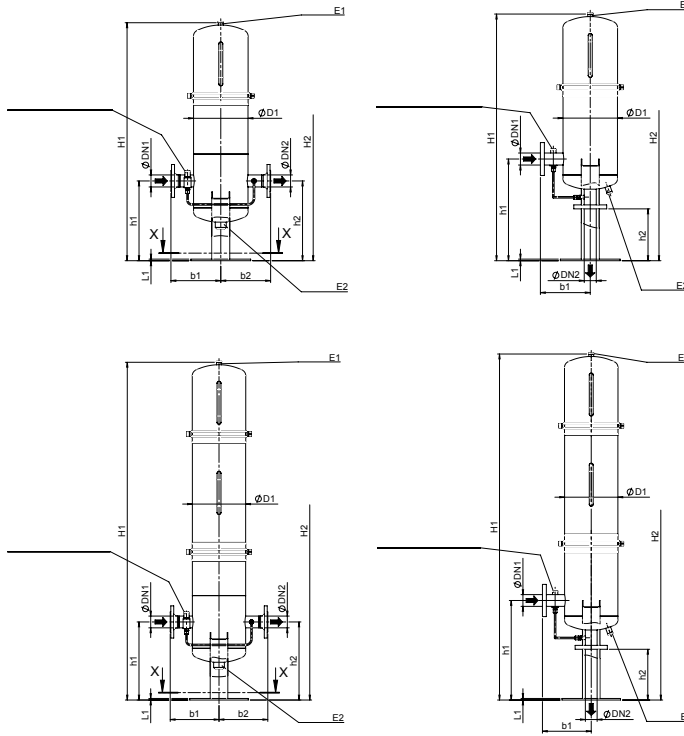


145 psi
10 bar

Or

230 psi
16 bar

⚡ Part of the Schroeder Industries 2030 Initiative



NOTES:

1. Top row represents the 10 bar version | In-line (1-stage). Bottom row represents the 10 bar version | In-line (2-stage)
2. Drawings of the 16 bar versions, both 1-stage and 2-stage, are also available upon request.

Filter Size	NW1 in (mm)	NW2 in (mm)	H Max. in (mm)	h1 in (mm)	h2 in (mm)	h3 in (mm)	b1 in (mm)	b2 in (mm)	D in (mm)	d1 in (mm)	Installation Height in (mm)
1-stage	5.91 (150)	3.94 (100)	88.98 (2260)	70.28 (17.85)	77.95 (1980)	18.82 (478)	11.18 (284)	17.13 (435)	22.24 (565)	10.75 (273)	51.18 (1300)
2-stage	7.87 (200)	5.91 (150)	101.77 (2585)	78.94 (2005)	88.19 (2240)	22.91 (582)	14.45 (367)	20.24 (514)	26.38 (670)	12.75 (323.9)	40.06 (1170)

Filter Housing Specifications

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)

Process Inline Filter

PLF1

How to Build a Valid Model Number for a PLF1:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11	BOX 12	BOX 13
PLF1												

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11	BOX 12	BOX 13
PLF1	1	2	9HF	V	E1	S	C	E1	10	N	1	0

=PLF1-129HF-VE1SCE110N10

<p>BOX 1</p> <p>Filter Series</p> <p>PLF1</p>	<p>BOX 2</p> <p>Filter Size</p> <p>For 9" High Flow or 1 = High Load Cascade filter elements 2 = For High Flow filter elements</p>	<p>BOX 3</p> <p>Filter Housing Length</p> <p>1 = Single-Stage 2 = Double-Stage</p>	<p>BOX 4</p> <p>Element Type</p> <p>6HF = 6" Filter element diameter High Flow 9HF = 9" Filter element diameter High Flow 9HLC = 9" filter element diameter</p>
<p>BOX 5</p> <p>Filter Orientation</p> <p>V = Vertical H = Horizontal</p>	<p>BOX 6</p> <p>Housing Material</p> <p>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</p>	<p>BOX 7</p> <p>Design Code</p> <p>S = Schroeder Standard A = ASME VIII Div. 1 U = ASME VIII Div. 1 stamped E = EN 13445</p>	
<p>BOX 8</p> <p>Connection Code</p> <p>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)</p>	<p>BOX 9</p> <p>Internal Parts</p> <p>Stainless steel 1.4301 E1 = or similar material (group 304) Stainless steel 1.4571 E2 = or similar material (group 316) SD = Superduplex (on request) D = Duplex (on request)</p>	<p>BOX 10</p> <p>Pressure Ranges</p> <p>10 = PN 10 16 = PN 16</p>	<p>BOX 11</p> <p>Seal Material</p> <p>N = NBR V = FPM (Viton)¹ E = EPDM</p>
<p>BOX 12</p> <p>Accessories</p> <p>0 = w/o 1 = w/ visual CI (PVD 2B.1) 2 = w/ visual-electric CI (PVD 2D.0/L24) 3 = VO1 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</p>		<p>BOX 13</p> <p>Optional Fitting</p> <p>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 = Height adjustable 3 legged base design for PLF1-2-6HF TRA (Option 7)</p>	

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

Filter Model Number Selection

- RF3 — RF3-8
- RF5
- RF7
- RF10
- RF4-1
- RF4-2
- RF4-3
- RF12
- RF14
- BTU
- ATF-1
- ATF-2
- ATF-2.5
- ATF-3
- ATF-3.5
- PLF1**
- PLF1
- PLF2
- PVD