

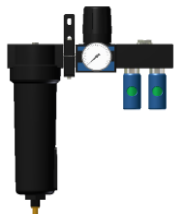
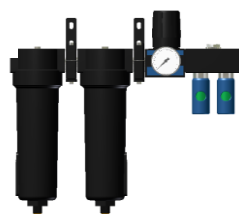



PAINTING AIR FILTRATION - PPFC

DESCRIPTION

PPFC pro paint system has been specifically developed for purifying compressed air from solid, liquid and partially gaseous components. Protecting air equipment in addition to providing clean air for worker health protection. PPFC pro paint system is easy for wall mount.

Available modular combinations:

1. Compressed air for lower quality demands (down to 15µm)
2. Compressed air for basic quality demands (down to 0,1µm)
3. Compressed air for high quality demands (down to 0,01µm)
4. Technical absolutely clean air (down to 0,1µm, active carbon)
5. Technical and breathable air
6. Compressed air for highest demands (all in one unit)

<p>1.</p>  <p>PPFC-107 PPFC-110</p>	<p>2.</p>  <p>PPFC-207 PPFC-210</p>	<p>3.</p>  <p>PPFC-307 PPFC-310</p>
<p>4.</p>  <p>PPFC-407 PPFC-410</p>	<p>5.</p>  <p>PPFC-507 PPFC-510</p>	<p>6.</p> <p>PPFC-607 PPFC-610</p>

APPLICATIONS ⁽¹⁾

- Chemical
- Petrochemical
- Paint
- General industrial application
- Breathing air

⁽¹⁾ PPFC pro painting air filtration system can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 16 bar(g)	0 - 232 psi

MATERIALS

Housing material	Aluminium, (Stainless steel)
Fittings, Screws	Brass, Brass-zinc plated, Steel
Cover	ABS
Sealing	NBR
Corrosion protection	Anodized
Outside protection	Powder paint coated (Epoxy-polyester base)
Lubricant	/



SIZES

Model	Connections	Air flow Nm ³ /h	Dimensions(mm)			CKL-PP	Microfilter Ms 0,1µm	Microfilter Ss 0,01µm	Active carbon A	Sterile filter with active carbon SFA	Compressed air dryer A-Dry	Pressure regulator	Quick coupling Nr.
			A	B	C								
PPFC-107	½"	78	270	135	276	•						•	2
PPFC-110	½"	120	270	135	345	•						•	2
PPFC-207	½"	78	380	135	276	•	•					•	2
PPFC-210	½"	120	380	135	345	•	•					•	2
PPFC-307	½"	78	490	135	276	•	•	•				•	2
PPFC-310	½"	120	490	135	345	•	•	•				•	2
PPFC-407	½"	78	580	135	276		•	•	•			•	4
PPFC-410	½"	120	580	135	345		•	•	•			•	4
PPFC-507	½"	78	612	135	370		•	•		•		•	4
PPFC-510	½"	120	612	135	440		•	•		•		•	4
PPFC-607	½"	78	1150	335	917		•	•		•	•	•	4
PPFC-610	½"	120	1150	335	917		•	•		•	•	•	4

Flow capacity at 7 bar(g), 20°C

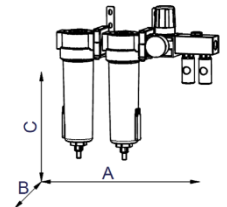
CORRECTION FACTORS

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s).

CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C_{OP}

OPERATING PRESSURE

[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
C _{OP}	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13



MAINTENANCE

Replace filter elements at least every 6 months or follow the instructions for specific filter element. Change the sealing when you disassemble filter housing. Once per year make a visual check of filter housing and make sure there is no visual damage.

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

	<p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285</p>	
--	--	--



FLOTECH
Compressor & Vacuum Parts Ltd