



## Your benefits with Deltech® F'2000 Series filters for Compressed Air.

The Deltech series F'2000 particle and oil filters and carbon adsorbers comply with the ISO 8753/1 requirements class 1 till 5 and offer an optimal and economical protection for compressed air applications. The pleated filter elements offer an optimal filtration degree at minimum pressure drop.

All the materials used have been lengthly tested with all kinds of compressor lubricants and are silicone-free. A specially designed element Snap-On system guarantees an ideal positioning and leak-tight sealing at element change-out.



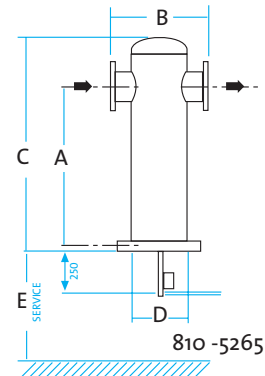
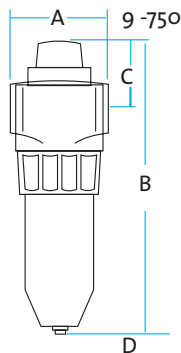
- Easy maintenance: Snap-On element connection (model 9-750)
- Operational reliability: high quality materials
- Economical: Low pressure drop due to pleating technology
- Problem-free application: oil resistant, silicone-free materials

Design specifications of F'2000 filters, models		PF	HF	DF	CF	9 - 36	54 - 405	540 - 750	810 - 5265
Medium	Compressed air	●	●	●	●	●	●	●	●
Element saturation indicator	Pop-up indicator	■	■	■	▼	■	▼	▼	▼
	Differential pressure gauge	■	■	■	▼	■	■	■	●
	Differential pressure gauge with alarm contact"	■	■	■	▼	▼	■	■	■
Housing	Aluminium casted	●	●	●	●	●	●	●	▼
	Steel welded	▼	▼	▼	▼	▼	▼	▼	●
Condensate discharge	automatic internal float drain	●	●	▼	▼	●	●	▼	▼
	timer controlled drain valve	■	■	▼	▼	■	■	●	●
	level controlled drain valve	■	■	▼	▼	■	■	■	■
	manual drain	▼	▼	●	●	●	●	●	●
Colour	Ral 9001 (white)	●	●	●	●	●	●	●	●
Filtration efficiency	99,99% of particles 1 micron	●	▼	●	▼	●	●	●	●
	99,999 of particles 0,01 micron	▼	●	▼	▼	●	●	●	●
Residual oil content at 20°C	0,5 mgr/m <sup>3</sup>	●	▼	▼	▼	●	●	●	●
	0,01 mgr/m <sup>3</sup>	▼	●	▼	▼	●	●	●	●
	0,003 mgr/m <sup>3</sup>	▼	▼	▼	●	●	●	●	●
Location	indoors	●	●	●	●	●	●	●	●
IP rating	IP 65	●	●	●	●	●	●	●	●
Vessel code	CE	●	●	●	●	●	●	●	●

Design data	Minimum	Design	Maximum	PF	HF	DF	CF	9 - 36	54 - 405	540 - 750	810 - 5265
Inlet pressure	2 bar (g)	7 bar (g)	16 bar (g)	●	●	●	●	●	●	13,5 bar (ü)	●
Ambient temperature	+2°C	+20°C	+55°C	●	●	●	●	●	●	●	●
Operation temperature	+2°C	+20°C	+65°C	●	●	●	●	●	●	●	●
	+2°C	+20°C	+80°C	■	●	■	▼	■	■	■	■

● standard | ■ optional | ▼ not applicable

Model	Capacity 1 bar a, 20°C m³/h	Connection In- and outlet	drain	Dimensions (mm)							Weight		Filter element				Qty.
				A	B			C		D	E	kg	PF	HF	DF	CF	
					PF/HF	DF	CF	PF/HF	DF								
9	30	1/4"BSP	-	86	230	239	206	63	31	90	-	1.0	PFD 9	HFD 9	DFD 9	CFD 9	1
18	60	3/8"BSP	-	86	230	239	206	63	31	90	-	1.0	PFD 18	HFD 18	DFD 18	CFD 18	1
36	120	1/2"BSP	-	86	279	288	256	63	31	90	-	1.1	PFD 36	HFD 36	DFD 36	CFD 36	1
54	180	3/4"BSP	-	114	330	339	306	86	53	120	-	2.4	PFD 54	HFD 54	DFD 54	CFD 54	1
90	300	1"BSP	-	114	443	452	419	86	53	120	-	2.7	PFD 90	HFD 90	DFD 90	CFD 90	1
135	450	1 1/2"BSP	-	146	412	421	388	92	59	150	-	5.0	PFD 135	HFD 135	DFD 135	CFD 135	1
216	720	1 1/2"BSP	-	146	533	542	509	92	59	150	-	5.5	PFD 216	HFD 216	DFD 216	CFD 216	1
285	950	2"BSP	-	178	557	566	533	111	78	180	-	11.0	PFD 285	HFD 285	DFD 285	CFD 285	1
405	1350	2"BSP	-	178	748	757	725	111	78	180	-	13.0	PFD 405	HFD 405	DFD 405	CFD 405	1
540	1800	3"BSP	-	206	880	905	872	128	96	200	-	18.0	PFD 540	HFD 540	DFD 540	CFD 540	1
750	2500	3"BSP	-	206	1007	1032	999	128	96	200	-	20.0	PFD 750	HFD 750	DFD 750	CFD 750	1
810	2700	DN100	3/8"	917		450		1084	324	800	55	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	2
1215	4050	DN100	3/8"	917		450		1084	324	800	90	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	3
1620	5400	DN150	3/8"	925		535		1183	324	800	105	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	4
2025	6750	DN150	3/8"	925		535		1183	324	800	105	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	5
2430	8100	DN150	3/8"	960		600		1184	400	800	123	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	6
3645	12150	DN200	3/8"	965		720		1302	500	800	235	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	9
5265	17550	DN250	3/8"	987		750		1387	550	800	239	8113	PFD 8113	HFDL 8113	DFD 8113	CFD 8113	13



Multiplier for different inlet pressures in bar (g)															
bar (g)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Multiplier 9 - 750	0.40	0.50	0.62	0.75	0.87	1.00	1.12	1.25	1.37	1.50	1.62	1.75	1.87	2.00	2.12
Multiplier 810 - 5265		0.71	0.79	0.87	0.93	1.00	1.06	1.12	1.17	1.22	1.27	1.31	1.37	1.41	1.46

Filter element	PF	HF	DF	CF	
Initial pressure drop (dry)	0.03	0.08	0.03	0.03	bar (ü)
Initial pressure drop (wet)	0.14	0.19	-	-	bar (ü)
Element change-out at (the latest after 12 months)	0.40	0.40	0.40	500 hr.	bar (ü)
Color	green	blue	red	silver	bar (ü)

Subject to alterations without prior notice