

- Very low installation clearance - Install anywhere
- Oil Removal (Coalescing) and Particulate
- Flow from 60 cfm to 1065 cfm
- Particle Removal 0.01 (μm)
- Max. Oil carryover 0.003 (mg/m^3)



Submicron Filters

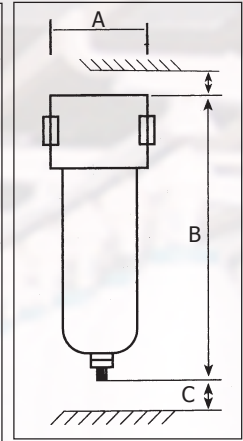
Cleansweep

Working Principle

Coalescing is a continuous natural process in which oil and water particles that pass through the filter element come into contact with a fibre strand and unite with other collected aerosole to form droplets. The droplets fall to the bottom of the housing and are drained away.

Technical Data

Model	Element Grade	Item Code		Pipe Size BSP	Flow Rate (scfm)	Max Working Pressure (kg/cm ²)	Housing Dimensions		
		(EA) Drain Type	(IA) Drain Type				A	B	C
T 100	P	PF149	PF150	1/2"	60	16	92	233	50
	X	PF149A	PF150A						
	Y	PF149B	PF150B						
	A	PF149C	PF150C						
T 250	P	PF129	PF128	1"	150	16	114	326	50
	X	PF129A	PF128A						
	Y	PF129B	PF128B						
	A	PF129C	PF128C						
T600	P	PF131	PF130	1 1/2"	350	16	118	420	50
	X	PF131A	PF130A						
	Y	PF131B	PF130B						
	A	PF131C	PF130C						
T851	P	PF167	PF163	2"	500	16	145	580	50
	X	PF167A	PF163A						
	Y	PF167B	PF163B						
	A	PF167C	PF163C						
T1210	P	PF177	PF164	2"	710	16	145	580	50
	X	PF177A	PF164A						
	Y	PF177B	PF164B						
	A	PF177C	PF164C						
T1810	P	PF170	PF165	3"	1065	12	190	700	50
	X	PF170A	PF165A						
	Y	PF170B	PF165B						
	A	PF170C	PF165C						










Ordering Code : Example : Model T100 X EA (or) T100 X IA X - Element Grade ; IA - Internal Automatic float drain.

Specification

Description	Element Grade			
	P	X	Y	A
Filter Element	Borosilicate	Borosilicate	Borosilicate	Activated Carbon
Construction Material (T100 - T1810)	Extruded Aluminium Alloy	Extruded Aluminium Alloy	Extruded Aluminium Alloy	Extruded Aluminium Alloy
Coating - External	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating
Particle Removal	5 (µm)	1 (µm)	0.01 (µm)	0.01 (µm)
Max. Oil carryover	5 (mg/m ³)	0.5 (mg/m ³)	0.01 (mg/m ³)	0.003 (mg/m ³)
Max. Working Temp.	80°C	80°C	80°C	80°C
Initial Pressure Loss	0.03 (kg/cm ²)	0.06 (kg/cm ²)	0.1 (kg/cm ²)	0.06 (kg/cm ²)
Pressure Drop for Element Change	0.2 (kg/cm ²)	0.2 (kg/cm ²)	0.2 (kg/cm ²)	0.2 (kg/cm ²)
Element End Cap Colour	Green	Red	Yellow	Black

Our Other Range of Products

• Timer based Auto Drain Valve • Level Sensing Auto Drain Valve • Desiccant Dryer (Heatless) • Desiccant Dryer (Heated) • Refrigeration Dryers • Oxygen & Nitrogen Generators • Flex Dryer

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