

- Very low installation clearance - Install anywhere
- Oil Removal (Coalescing) and Particulate
- Flow from 100 to 1810 m³/hour
- Particle Removal 0.01 (µm)



Submicron Filters

Cleansweep

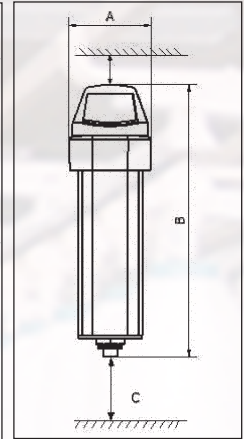
Complete filtration solution

Working Principle

Coalescing is a continuous natural process in which oil, water and solid 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 (m ³ /hour) @7 (kg/cm ²)	Max Working Pressure (kg/cm ²)	Housing Dimensions (mm)		
		(EA) Drain Type	(IA) Drain Type				A	B	C
T 100	P X Y A	PF149 PF149A PF149B PF149C	PF150 PF150A PF150B PF150C	1/2"	100	16	87	294	50
T 250	P X Y A	PF129 PF129A PF129B PF129C	PF128 PF128A PF128B PF128C	1"	250	16	114	399	50
T600	P X Y A	PF131 PF131A PF131B PF131C	PF130 PF130A PF130B PF130C	1 1/2"	640	16	114	474	50
T851	P X Y A	PF167 PF167A PF167B PF167C	PF163 PF163A PF163B PF163C	2"	851	16	148	666	50
T1210	P X Y A	PF177 PF177A PF177B PF177C	PF164 PF164A PF164B PF164C	2"	1210	16	148	736	50
T1810	P X Y A	PF170 PF170A PF170B PF170C	PF165 PF165A PF165B PF165C	3"	1810	12	211	761	50






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

Specification




Description	Element Grade			
	P	X	Y	A
Filter Element Construction Material (T100 - T1810)	Borosilicate Extruded Aluminium Alloy	Borosilicate Extruded Aluminium Alloy	Borosilicate Extruded Aluminium Alloy	Activated Carbon 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)	*Removes odour
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	0.4 (kg/cm ²)	0.4 (kg/cm ²)	0.4 (kg/cm ²)	0.4 (kg/cm ²)
Element End Cap Colour	Green	Red	Yellow	Black

*Use Y-element to remove oil aerosols before A-element

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

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