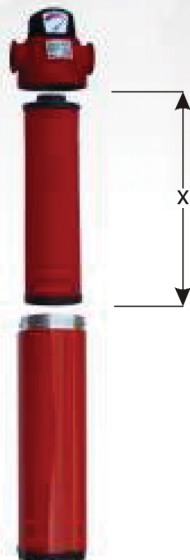




Trident Filter



Other Filters



Very low installation clearance

- Very low installation clearance - Install anywhere
- Oil Removal (Coalescing) and Particulate
- Flow from 100 to 1810 m³/hour
- Particle Removal 0.01 (µm)
- Max. Oil carryover 0.003 (mg/m³)



Submicron Filters

Cleansweep

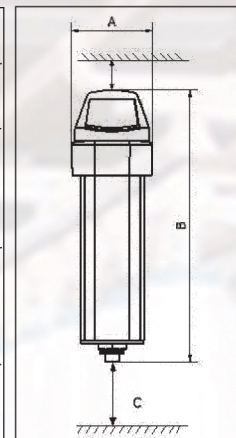
Complete filtration solution

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	PF149	PF150	1/2"	100	16	87	294	50
	X	PF149A	PF150A						
	Y	PF149B	PF150B						
	A	PF149C	PF150C						
T 250	P	PF129	PF128	1"	250	16	114	399	50
	X	PF129A	PF128A						
	Y	PF129B	PF128B						
	A	PF129C	PF128C						
T600	P	PF131	PF130	1 1/2"	640	16	114	474	50
	X	PF131A	PF130A						
	Y	PF131B	PF130B						
	A	PF131C	PF130C						
T851	P	PF167	PF163	2"	851	16	148	666	50
	X	PF167A	PF163A						
	Y	PF167B	PF163B						
	A	PF167C	PF163C						
T1210	P	PF177	PF164	2"	1210	16	148	736	50
	X	PF177A	PF164A						
	Y	PF177B	PF164B						
	A	PF177C	PF164C						
T1810	P	PF170	PF165	3"	1810	12	211	761	50
	X	PF170A	PF165A						
	Y	PF170B	PF165B						
	A	PF170C	PF165C						



Replacement Element



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	Borosilicate	Borosilicate	Borosilicate	Activated Carbon
Construction Material	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)	*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



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