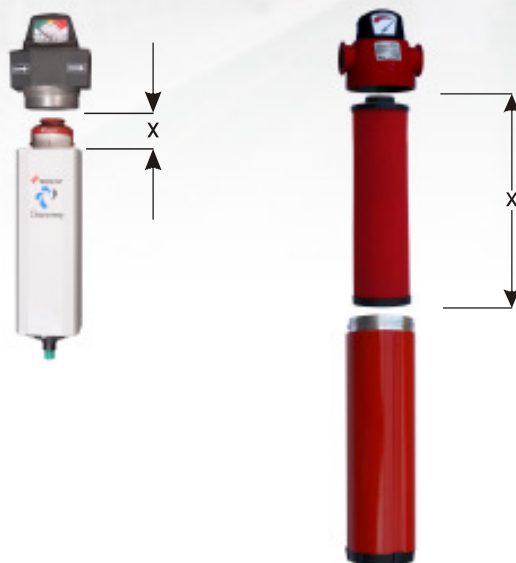




Trident Filter

Other Filters



Very low installation clearance

- 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

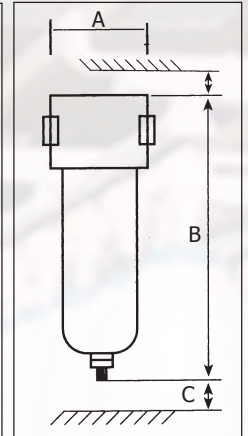
Cleansweep

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 X Y A	PF149 PF149A PF149B PF149C	PF150 PF150A PF150B PF150C	1/2"	60	16	92	233	50
T 250	P X Y A	PF129 PF129A PF129B PF129C	PF128 PF128A PF128B PF128C	1"	150	16	114	326	50
T600	P X Y A	PF131 PF131A PF131B PF131C	PF130 PF130A PF130B PF130C	1 1/2"	350	16	118	420	50
T851	P X Y A	PF167 PF167A PF167B PF167C	PF163 PF163A PF163B PF163C	2"	500	16	145	580	50
T1210	P X Y A	PF177 PF177A PF177B PF177C	PF164 PF164A PF164B PF164C	2"	710	16	145	580	50
T1810	P X Y A	PF170 PF170A PF170B PF170C	PF165 PF165A PF165B PF165C	3"	1065	12	190	700	50



Replacement Element



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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