



- Oil Removal (Coalescing) and Particulate
- Flow from 90 scfm to 800 scfm
- Particle Removal 0.01 (μm)

High Pressure Filters

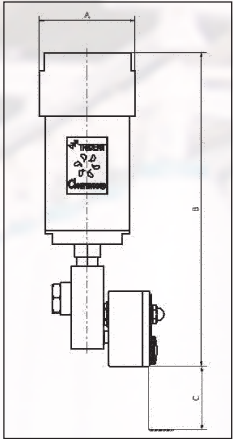
Cleansweep

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 fiber strand and unite with other collected aerosol to form droplets. The droplets fall to the bottom of the housing and are drained away.

Technical Data

Model	Element Grade	Drain Type	Pipe Size BSP	Flow Rate (scfm)	Max Working Pressure kg/sq.cm.	Housing Dimensions (mm)		
						A	B	C
T 100-40	P/X/Y/A	EA	1/2"	90	45	83.5	370	60
T 250-40	P/X/Y/A	EA	1"	350	45	125	461	60
T 600-40	P/X/Y/A	EA	1 1/2"	800	45	125	537	60




* Contact factory for higher flowrate and pressure.

Ordering Code : Example : Model T 100 X EA-40
X - Element Grade ; EA - Electronic adjustable timer drain

Specification


Description	Element Grade			
	P	X	Y	A
Filter Element	Borosilicate	Borosilicate	Borosilicate	Activated Carbon
Housing	Aluminium IS 63400	Aluminium IS 63400	Aluminium IS 63400	Aluminium IS 63400
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/m³)	0.5 (mg/m³)	0.01 (mg/m³)	*Removes odour
Max. Working Temp.	80°C	80°C	80°C	80°C
Initial Pressure Loss	0.03 (kg/cm²)	0.06 (kg/cm²)	0.1 (kg/cm²)	0.06 (kg/cm²)
Pressure Drop for Element Change	0.5 (kg/cm²)	0.5 (kg/cm²)	0.5 (kg/cm²)	0.5 (kg/cm²)
Element End Cap Colour	Green	Red	Yellow	Black

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



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