



- | Oil Removal (Coalescing) and Particulate
- | Flow from 90 scfm to 800 scfm
- | Particle Removal 0.01 ( $\mu\text{m}$ )

High Pressure Filters

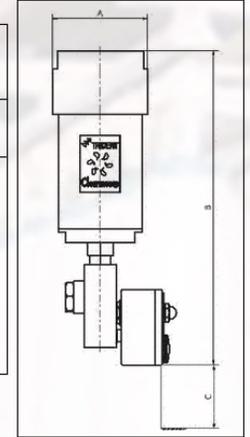
**Cleansweep**

## 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)		
								ABC
T 100-40	P / X / Y / A	EA	½"	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	1½"	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 IS634	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.	80oC	80oC	80oC	80oC
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





**Our Other Range of Products**

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





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