

High Pressure Filters **Cleansweep**

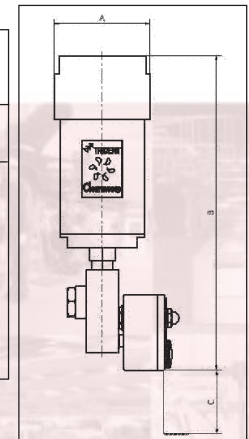
- Oil Removal (Coalescing) and Particulate
- Flow from 75 scfm to 812 scfm
- Particle Removal 0.01 (Micron)
- Max. Oil carryover 0.003 (mg/m³)

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	1/4"	75	40	110	361	60
T 250-40	P/X/Y/A	EA	1/2"	212	40	110	373	60
T 600-40	P/X/Y/A	EA	3/4"	259	40	172	474	60
T 851-40	P/X/Y/A	EA	1"	394	40	172	479	60
T 1810-40	P/X/Y/A	EA	1 1/2"	812	40	200	561	60



* Contact factory for higher flowrate and pressure.

Ordering Code : Example : Model T 100 X EA-40

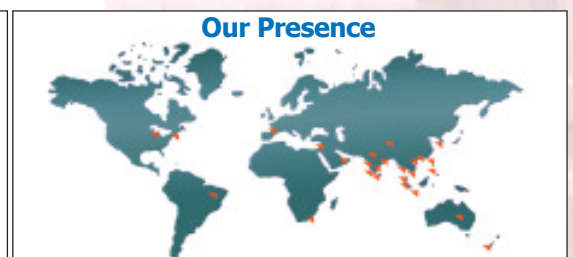
X - Element Grade ; EA - Electronic adjustable timer drain

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 (Micron)	1 (Micron)	0.01 (Micron)	0.01 (Micron)
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



Manufacturing Facility



Our Presence



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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