

Lasting Values



## Submicron Filters

### Cleansweep

- Very low installation clearance - Install anywhere
- Oil Removal (Coalescing) and Particulate
- Flow from 15 cfm to 1065 scfm
- Particle Removal 0.01 (Micron)
- Max. Oil carryover 0.003 (mg/m<sup>3</sup>)

Trident Filter

Other Filters



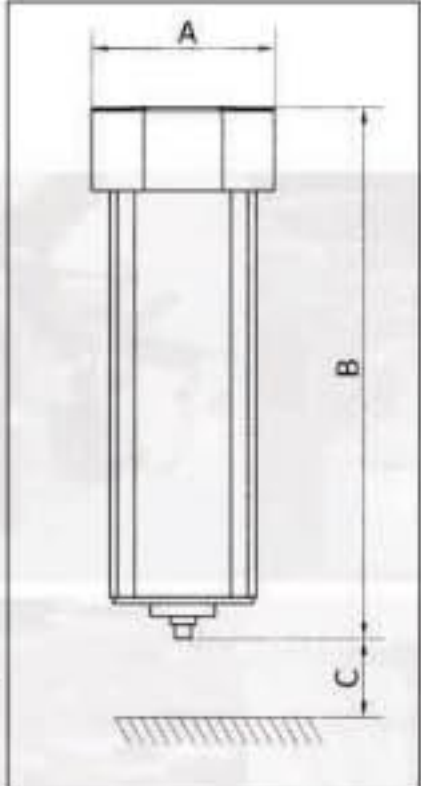
Very low installation clearance

## 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 aerosole 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/ NB	Flow Rate (scfm)	Max Working Pressure kg/cm <sup>2</sup>	Housing Dimensions (mm)		
						A	B	C
T 100	P/X/Y/A	EA / IA	½"	60	16	92	233	50
T 250	P/X/Y/A	EA / IA	1"	150	16	114	326	50
T 600	P/X/Y/A	EA / IA	1½"	350	16	118	420	50
T 851	P/X/Y/A	EA / IA	2"	500	16	145	580	50
T 1210	P/X/Y/A	EA / IA	2"	710	16	145	580	50
T 1810	P/X/Y/A	EA / IA	3"	1065	12	190	700	50



\* Contact factory for higher flowrate and pressure.

**Ordering Code : Example :** Model T 24 X EA (or) T 24 X IA

X - Element Grade ; EA - Electronic adjustable timer drain ; IA - Internal Automatic float drain

## Specification

Description	Element Grade			
	P	X	Y	A
Filter Element	Borosilicate	Borosilicate	Borosilicate	Activated Carbon
Housing (T100 - T1810)	Aluminium Die Casting	Aluminium Die Casting	Aluminium Die Casting	Aluminium Die Casting
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 <sup>3</sup> )	0.5 (mg/m <sup>3</sup> )	0.01 (mg/m <sup>3</sup> )	0.003 (mg/m <sup>3</sup> )
Max. Working Temp.	80°C	80°C	80°C	80°C
Initial Pressure Loss	0.03 (kg/cm <sup>2</sup> )	0.06 (kg/cm <sup>2</sup> )	0.1 (kg/cm <sup>2</sup> )	0.06 (kg/cm <sup>2</sup> )
Pressure Drop for Element Change	0.2 (kg/cm <sup>2</sup> )	0.2 (kg/cm <sup>2</sup> )	0.2 (kg/cm <sup>2</sup> )	0.2 (kg/cm <sup>2</sup> )
Element End Cap Colour	Green	Red	Yellow	Black

### Replacement Element



### Our Other Range of Products

- Timer based Auto Drain Valve
- Level Sensing Auto Drain Valve
- Desiccant Dryer (Heatless)
- Desiccant Dryer (Heated)
- Refrigeration Dryers
- Oil Water Separator



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