

Lasting Values



Submicron Filters



Cleansweep

- Oil Removal (Coalescing) and Particulate
- Flow from 14 cfm to 1065 cfm
- Particle Removal 0.01 (Micron)
- Max. Oil carryover at 21°C 0.01 (mg/m³)

CE

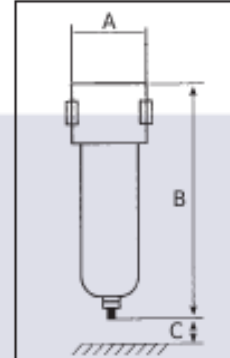
NQA
ISO 9001 : 2000

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	Flow Rate (scfm)	Max Working Pressure kg/cm ²	Housing Dimensions (mm)			Weight (kgs)
						A	B	C	
T24	P / X / Y	IA / EA	¼"	15	16	72	193	100	1
T100	P / X / Y	IA / EA	½"	60	16	96	237	150	1.5
T250	P / X / Y	IA / EA	1"	150	16	117	465	300	3.5
T600	P / X / Y	IA / EA	1½"	350	16	117	530	425	4
T860	P / X / Y	IA / EA	2"	500	16	170	722	480	10.5
T1220	P / X / Y	IA / EA	2"	710	16	170	722	550	11
T1820	P / X / Y	IA / EA	3"	1065	12	235	760	550	20



* Contact factory for high flowrate and pressure.

Ordering Code : Example : Model T24 X EA (or) T24 X IA

X - Element Grade ; EA - Drain Electro Adjustable ; IA - Drain Internal Automatic

Specification

Description	Element Grade		
	P	X	Y
Filter Element	Borosilicate	Borosilicate	Borosilicate
Housing	Aluminium Pressure die casting	Aluminium Pressure die casting	Aluminium Pressure die casting
Coating - External	Powder coated	Powder coated	Powder coated
Internal	Anticorrosive epoxy paint	Anticorrosive epoxy paint	Anticorrosive epoxy paint
Particle Removal	5 (Micron)	1 (Micron)	0.01 (Micron)
Max. Oil carryover at 21°C	5 (mg/m ³)	0.5 (mg/m ³)	0.01 (mg/m ³)
Max. Working Temperature	80°C	80°C	80°C
Initial Pressure Loss	0.1 (kg/cm ²)	0.1 (kg/cm ²)	0.1 (kg/cm ²)
Pressure Loss for Element Change	0.7 (kg/cm ²)	0.7 (kg/cm ²)	0.7 (kg/cm ²)

Replacement Element



Applications




- Painting • CNC • Garments • Textiles • Instrumentation
- Automobiles • Pharma • Food industry • Packaging

Note : 1. All Filters are in conformity with the pressure equipment directive (97/23/EC)

2. Pop up Indicators are supplied as standard to models T24 and T100. Differential pressure gauge type pressure indicators are fitted to models T250 to T1820 as standard.

3. All filters are suitable for use with Mineral and Synthetic oils.



Our Other Range of Products

- Time based Auto Drain Valve
- Level Sensing Auto Drain Valve • Refrigeration Dryer
- Blower Reactivated Dryer • Moisture Separator

