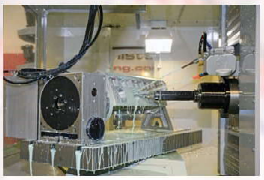
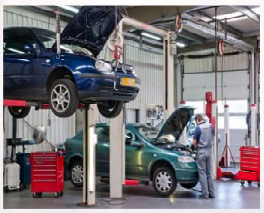
TRIDENT





Trident Filter

Other Filters

Very low installation clearance

- Very low installation clearance - Install anywhere
- Oil Removal (Coalescing) and Particulate
- Flow from 20 to 1810 m^3/hour
- Particle Removal 0.01 (μm)

Submicron Filters

Cleansweep

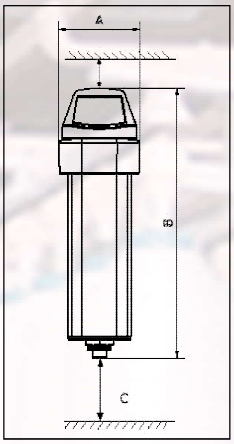
Complete filtration solution

Working Principle

Coalesing is a continuous natural process in which oil, water and solid particles that pass through the filter element come into contact with a fibre 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	Item Code		Pipe Size BSP	Flow Rate (m^3/hour) @7 (kg/cm^2)	Max Working Pressure (kg/cm^2)	Housing Dimensions (mm)		
		(EA) Drain Type	(IA) Drain Type				A	B	C
T 20	P X Y A	PF255 PF255A PF255B PF255C	PF248 PF248A PF248B PF248C	¼"	20	16	63	257	50
T 32	P X Y A	PF268 PF268A PF268B PF268C	PF267 PF267A PF267B PF267C	3/8"	32	16	63	257	50
T 100	P X Y A	PF149 PF149A PF149B PF149C	PF150 PF150A PF150B PF150C	½"	100	16	87	311	50
T 250	P X Y A	PF129 PF129A PF129B PF129C	PF128 PF128A PF128B PF128C	1"	250	16	114	410	50
T600	P X Y A	PF131 PF131A PF131B PF131C	PF130 PF130A PF130B PF130C	1½"	640	16	114	485	50
T851	P X Y A	PF167 PF167A PF167B PF167C	PF163 PF163A PF163B PF163C	2"	851	16	148	684	50
T1210	P X Y A	PF177 PF177A PF177B PF177C	PF164 PF164A PF164B PF164C	2"	1210	16	148	754	50
T1810	P X Y A	PF170 PF170A PF170B PF170C	PF165 PF165A PF165B PF165C	3"	1810	12	211	772	50
T 2200	P X Y A	PF181 PF181A PF181B PF181C		4"	1300	919	919	817	50
T 2600	P X Y A	PF183 PF183A PF183B PF183C		4"	1500	16	939	817	50
T 3400	P X Y A	PF232 PF232A PF232B PF232C		6"	2000	12	1248	847	50



Replacement Element

Ordering Code : **Example :** Model T100 X EA (or) T100 X IA X - Element Grade ; IA - Internal Automatic float drain
T20 & T32 model available with gang mounting option EA - External Automatic Drain

Specification

Description	Element Grade			
	P	X	Y	A
Filter Element Construction Material (T20 - T1810)	Borosilicate Extruded Aluminium Alloy	Borosilicate Extruded Aluminium Alloy	Borosilicate Extruded Aluminium Alloy	Activated Carbon Extruded Aluminium Alloy
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/m^3)	0.5 (mg/m^3)	0.01 (mg/m^3)	*Removes odour
Max. Working Temp.	80°C	80°C	80°C	80°C
Initial Pressure Loss	0.15 (kg/cm^2)	0.15 (kg/cm^2)	0.15 (kg/cm^2)	0.15 (kg/cm^2)
Pressure Drop for Element Change	0.7 (kg/cm^2)	0.7 (kg/cm^2)	0.7 (kg/cm^2)	0.7 (kg/cm^2)
Element End Cap Colour	Green	Red	Yellow	Black

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

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