

- Very low installation clearance - Install anywhere
- Oil Removal (Coalescing) and Particulate
- Flow from 100 to 1810 m³/hour
- Particle Removal 0.01 (µm)
- Max. Oil carryover 0.003 (mg/m³)



Submicron Filters

Cleansweep

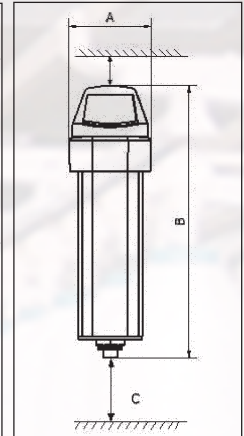
Complete filtration solution

Working Principle

Coalescing 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 100 | P | PF149 | PF150 | 1/2" | 100 | 16 | 87 | 294 | 50 |
| | X | PF149A | PF150A | | | | | | |
| | Y | PF149B | PF150B | | | | | | |
| | A | PF149C | PF150C | | | | | | |
| T 250 | P | PF129 | PF128 | 1" | 250 | 16 | 114 | 399 | 50 |
| | X | PF129A | PF128A | | | | | | |
| | Y | PF129B | PF128B | | | | | | |
| | A | PF129C | PF128C | | | | | | |
| T600 | P | PF131 | PF130 | 1 1/2" | 600 | 16 | 114 | 474 | 50 |
| | X | PF131A | PF130A | | | | | | |
| | Y | PF131B | PF130B | | | | | | |
| | A | PF131C | PF130C | | | | | | |
| T851 | P | PF167 | PF163 | 2" | 851 | 16 | 148 | 666 | 50 |
| | X | PF167A | PF163A | | | | | | |
| | Y | PF167B | PF163B | | | | | | |
| | A | PF167C | PF163C | | | | | | |
| T1210 | P | PF177 | PF164 | 2" | 1210 | 16 | 148 | 736 | 50 |
| | X | PF177A | PF164A | | | | | | |
| | Y | PF177B | PF164B | | | | | | |
| | A | PF177C | PF164C | | | | | | |
| T1810 | P | PF170 | PF165 | 3" | 1810 | 12 | 211 | 761 | 50 |
| | X | PF170A | PF165A | | | | | | |
| | Y | PF170B | PF165B | | | | | | |
| | A | PF170C | PF165C | | | | | | |



Ordering Code : Example : Model T100 X EA (or) T100 X IA X - Element Grade ; IA - Internal Automatic float drain
EA - External Automatic Drain


Specification

| Description | Element Grade | | | |
|--------------------------------------|----------------------------|----------------------------|---------------------------|----------------------------|
| | P | X | Y | A |
| Filter Element | Borosilicate | Borosilicate | Borosilicate | Activated Carbon |
| Construction Material (T100 - T1810) | Extruded Aluminium Alloy | Extruded Aluminium Alloy | Extruded Aluminium Alloy | 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) | 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 | 0.4 (kg/cm ²) | 0.4 (kg/cm ²) | 0.4 (kg/cm ²) | 0.4 (kg/cm ²) |
| Element End Cap Colour | Green | Red | Yellow | Black |



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



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