

AIR LINE MOISTURE SEPARATOR FILTER

CMSF

INDUSTRIAL HIGH EFFICIENCY MOISTURE SEPARATOR FILTER



Features:

- Low Pressure Drops-Assuring high energy savings.
- High capability of retention (99.999%).
Extremely purified compressed air and low operating costs.
- Large capacity reservoir allow large condensate volume.
Drainage layer.
- The closure provided by seal cannot be opened while filter is under pressure.
- Inlet Air Temperature 100°C (Max.).
- Filtration Grades as per ISO8573-1.

HOUSING:

- Pressure die cast aluminium housing
- Chromated to give protection against corrosion
- Powder coating process with zinc based corrosion inhibition powder primer and epoxy polyester powder
- Salt spray test carried out exposing to salling fog to (5% NACL) at the temperature 37°C for 72 Hrs.
- NBR 70A
- Hydrogenate Nitrile 'O' Ring - Superior mechanical properties, High Strength, Temp. -40°C to 100°C.

Durable Chemical Resistance End Caps

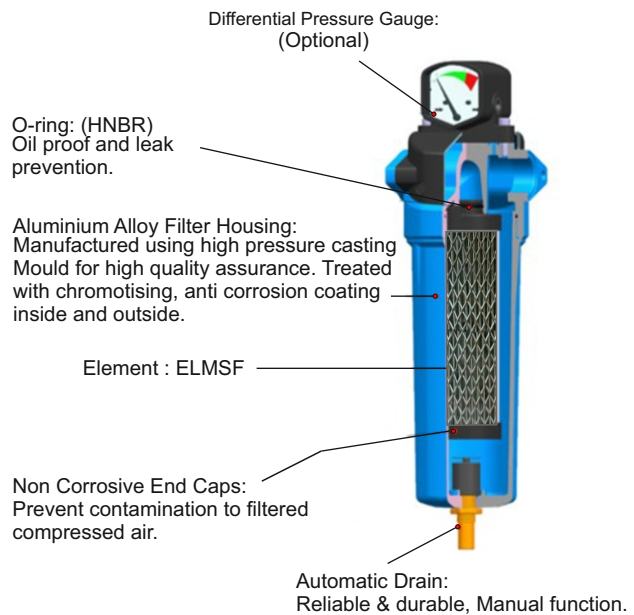
- Injection moulded from nylon, then bonded to the filter core with high strength two part polyurethane potting resin for maximum strength.

Standard reference conditions:

- Ambient temperature: 45°C
- Working pressure: 7 Kg/cm²
- Inlet air temperature: 100°C

Max. Working condition:

- Pressure: 16 Kg/cm²
- Inlet air temperature: 100°C
- P = 3µ (class 3 ISO8573.1)
- F = 1µ solid / 1 mg/m³ oil (class 2 ISO8573-1)
- H = 0.01µ solid / 0.01 mg/m³ oil (class 1 ISO8573-1)



S. No.	MODEL	FLOW		CONNECTION BSP (F)	ELEMENT MODEL
		M ³ /Hr	SCFM		
1	CMSF-050	86	50	1/2"	ELMF050060X076
2	CMSF-080	138	80	3/4"	ELMF080060X112
3	CMSF-100	173	100	3/4"	ELMF100060X135
4	CMSF-150	259	150	1"	ELMF150085X122
5	CMSF-200	346	200	1-1/2"	ELMF200085X137
6	CMSF-300	519	300	1-1/2"	ELMF300075X200
7	CMSF-400	692	400	1-1/2"	ELMF400075X228

X - Replace by P : PRE FILTER : 3 Micron H : AFTER FILTER : 0.01 Micron
F : FINE FILTER : 1 Micron



CONCEPT TECHNOSTRUCTURES

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Certificate Number:
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ISO 9001:2015



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