

AIR LINE FILTER

CELFXXX

INDUSTRIAL HIGH EFFICIENCY FILTERS



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 salting 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 150°C. (Optional)

Installation in series:

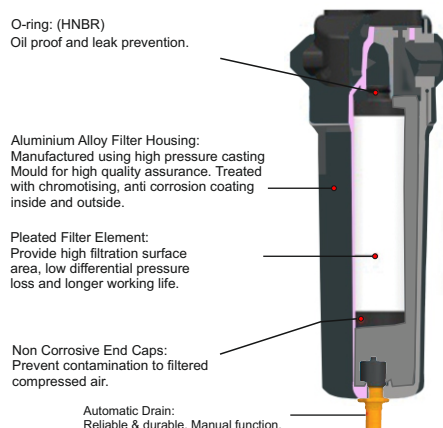
- This compact assembly design will meet most customers' demand. It is suitable for end of point usage and without installation of threaded connector.

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 / 0.1 mg/m³ oil (class 2 ISO8573-1)
- H = 0.01μ solid / 0.01 mg/m³ oil (class 1 ISO8573-1)
- C = 0.003 mg/m³ oil (class 1 ISO8573-1)



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.

S. No.	MODEL	FLOW		CONNECTION BSP (F)	ELEMENT MODEL
		M ³ /Hr	SCFM		
1	CELF-50	86	50	½"	ELCA050050X076
2	CELF-80	138	80	¾"	ELCA080050X112
3	CELF-150	259	150	1"	ELCA150075X122
4	CELF-200	346	200	1-1/2"	ELCA200075X137
5	CELF-300	519	300	1-1/2"	ELCA300075X200
6	CELF-400	692	400	1-1/2"	ELCA400075X228

X - Replace by P : PRE FILTER : 3 Micron H : AFTER FILTER : 0.01 Micron
F : FINE FILTER : 1 Micron C : ACTIVATED CARBON FILTER : 0.003 mg/m³



CONCEPT TECHNOSTRUCTURES

Horizon Tower, 504, 5th Floor, J.L.N. Marg, Jaipur - 302017, India
M. No.: +91- 8875009534, 9799917442
Tel. No.+91- 0141-4981363
Email : sales@conceptgroups.com / conceptsalesjpr@conceptgroups.com
conceptjpr@conceptgroups.com
Website : www.conceptgroups.com

Certificate Number :
114629/A/0001/UKEn
ISO 9001:2015



CONCEPT
CELF - R-01

CATCELF1611241