

Cool filters for cool applications

High-performance lubrication oil filters for reliable protection of refrigeration compressors

Lubricants are essential for the smooth running of refrigerating compressors. Particles in the lubricant increase compressor wear and reduce the life of system components. Excellent filter systems are therefore necessary to maximize system life and prevent costly downtime.

The combination of Eaton's high-performance pressure filters and IS07 filter elements are used to remove particles from lubricant. The IS07 filter elements are specifically suitable because they are resistant against ammonia (NH_3 up to 10% gases) that is contained in the fluid. Equipped with ammonia-resistant filter support fleece and adhesives they withstand a maximum temperature of 194°F (90°C) and ensure refrigerant compressors will operate without failure.

Eaton's simplex and duplex filters are designed according to EN13445, AD2000 and ASME Sec. VIII, Div. 1 and meet PED requirements including CE-marking, if applicable. Eaton is able to provide most major industry certifications to meet your applications needs.

IS07 filter elements

The filter elements are designed specifically for the high demanding requirements of the refrigeration industry.

Features:

- Designed with special glue and material to resist to refrigeration oil, additives and gas.
- Strong against vibration and withstand high temperature

Benefits:

- Extended oil change intervals
- Longer life of system components
- Reduction in oil consumption



	Simplex pressure filter	Duplex (change-over) pressure filter		Features and benefits:
	LF	DU	EDA	
Nominal size	101 to 4005	40 to 4005	106 to 1006	
Operating pressure	Up to 464 psi (32 bar)	Up to 914 psi (63 bar)	Up to 580 psi (40 bar)	
Housing material	LF 101: Aluminum-cast LF 251-4004: Cast iron	Cast iron	Stainless steel	
				• System flow rates up to 1,056 gpm (4,000 l/min) • Solid particle removal from 4 to 25 microns and according to API 614 standards • Several connection options including ANSI, DIN, and SAE • Three-way changeover ball valve to ensure easy and fast operation