



# 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<sub>3</sub> 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

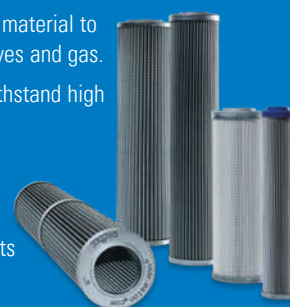
The filter elements are designed specifically for the high demanding requirements of the refrigeration industry.

#### 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	Duplex	
<b>Nominal size</b>	100 to 4000	40 to 4000	100 to 1000
<b>Operating pressure</b>	Up to 914 psi (63 bar)	Up to 914 psi (63 bar)	Up to 580 psi (40 bar)
<b>Material</b>	Carbon steel	Carbon steel	Stainless steel
	LF pressure filter	DU change-over pressure filter	EDA change-over pressure filter
<b>Product series</b>	