

ECOCOMP®



Filters for Compressors and Vacuum Pumps

Top quality from OEM production: KSI oil separator cartridges, air filters and oil filters

Compressed air is used today in almost all sectors of industry. After electricity, it has become the second most important medium of energy. Compressors and vacuums are used in all fields of the construction industry, in engineering and in the food, pharmaceutical, electrical and chemicals industries as well as in medicine. The key components in the compressed air processing chain include oil separator cartridges, oil filters and air filters.



ECOCOMP® in the KSI product range

The KSI product spectrum was first brought to completion in 1998 with the addition of the **ECOCOMP®** compressor filters. Since then, KSI has continued to progress and now supplies more than 50,000 oil filters, air filters and oil separator cartridges per year to authorized specialist retailers. Delivery capability has been safeguarded by setting aside a storage space of 1200 m² exclusively for this department of the company. 94% of ordered **ECOCOMP®** compressor filters are delivered directly on the same day as the customer's order is received.

Try us

Our price list already includes more than 4600 OEM product references, detailing the appropriate **ECOCOMP®** filters. This list is expanded and supplemented with each inquiry not covered by our existing product range, and the printed version of the price list is generally revised every two years. In the unlikely event that a filter is not already listed in our reference and price list, you can ask us to include it. Whether you quote the OEM part number, the compressor type or simply the dimensions, KSI employees will find the right filter for you.

Try us!

Oil separator cartridges

Operating principle

KSI **ECOCOMP**® oil separators are based on the “coalescer principle”. Glass fibre micro-layers separate oil droplets from the compressed air, coalesce them into larger oil droplets and channel them back into the machine’s oil circuit. This separation method is effective down to the submicron range. This process minimizes both the oil consumption of the compressor system and oil ingress into the connected compressed air network. **ECOCOMP**® oil separator cartridges are compatible with all common types of lubricating oil, whether mineral-based (petroleum), synthetic or part synthetic.

Service life of oil separator cartridges

The operating life of oil separator cartridges is limited by dirt accumulation, such as air impurities, oil ageing products or abrasion particles. The specified final differential pressure varies from manufacturer to manufacturer. In practice, final values between 0.8 and 1 bar are common. The operating life of the elements is limited only by the amount of particulate matter trapped in the fine separation layer, and the resulting increase in differential pressure. The operating life of oil separator cartridges can be prolonged by prompt replacement of the air and oil filter elements and by adhering strictly to the specified oil change intervals. Operating life is also of course affected by the choice of oil. You should use only proven water-insensitive oils. The operating conditions also have a very decisive influence on service life. The outside air temperatures, plant cooling system, oil temperature and the presence of oil-damaging foreign matter in the air also play an important part. KSI oil separator cartridges are produced in accordance with DIN/ISO standards and provide the safety indispensable to today’s compressed air conditioning requirements.



Oil filters



Air filters



Oil separator cartridges, Air filters and Oil filters

Available for the following makes of compressor and vacuum pump or as replacement for filters of other makes:

Abac	Bottarini	Fluidair	Mann & Hummel	Rotair
Aerzen	Busch	Gardner Denver Wittig	Mark / Ceccato	Schneider
Alup	Champion	Gnutti	Mehrer	Stenhoj
Atlas Copco	Chinook	Hengst	Parise	Sullair
Axeco	Compair / Demag	Hydrovane / Mattei	Pneumofore	Tamrock
Blitz Schneider	Ecoair	Ingersoll Rand	Power System	Worthington
Bauer	Effepizeta	Kaeser	Purolator	
Becker	Fiac	Leybold	Renner	
BOC Edwards	Fini	Maco	Rotorcomp	
Boge	Flottmann	Mahle	Rietschle	

