

KSI ECOCLEAN APF Compressed Air Filtration



High performance filtration and separation for treatment of compressed air and compressed gases in industrial supplier quality

1.6 psi
0.01 μ
saturated

APF / ADVANCED PREMIUM FILTRATION



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Highest quality through manufacturing competence

Filter elements are manufactured according to latest pleating technology resulting in extremely low differential pressure, making the APF range a market leading compressed air filter.

The KSI ECOCLEAN APF | APE Plus-Effects +++

- + significantly reduced energy costs
- + low weight filter housing ▶ simple maintenance
- + **NEW:** high-density deep-bed pleating
 - ▶ approximately 250% larger filtration surface compared to a conventional pleated element
 - ▶ about 25% larger filtration surface compared to a conventional deep-bed pleated element

Other Filter Types



Cartridge Filters
Activated carbon cartridge
Molecular sieve cartridge
Catalyst cartridge

Flanged Filters
Flanged Water Separators

Water Separators

High Pressure Filters
up to 7250 psi

Medical Sterile Filters

Stainless Steel Filters
Sterile stainless steel filters and process filters

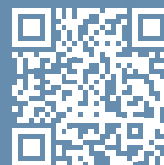
Vacuum Filters
Vacuum pump protection and exhaust filters

Vacuum Filters
Medical vacuum filters

ECOTROC DD Desiccant Dryers ECOTROC CT Activated Carbon Adsorbers



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ECOTROC DD and CT: KSI solutions in three different ranges

The **ECOTROC DD** range of desiccant dryers achieves pressure dew points up to -94 °F in a reliable manner. The desiccant dryers are available in a compact range up to 130 cfm (**DDAP**), and a full range with welded vessels is available up to 705 cfm (**DDN**) and 1,800 cfm with flange connection (**DDF**).

In addition, KSI offers **ECOTROC CT** activated carbon adsorbers to provide highest air quality with a residual oil content down to 0.003 mg/m³. The **ECOTROC CT** product group consists of the lighter **CTAP** aluminium version, **CTN** standard welded version and the **CTF** version with flange connection.

The ECOTROC DD Plus-Effects +++

- + delivery of ready-to-connect units
- + robust and solid construction
- + modular concept allows individualized designs
- + high-end plant construction ► high power reserves & safety
- + linear dew points ► constant compressed air quality
- + use of quality desiccants ► more safety in performance
- + floor fixation possible
- + design adapted to room conditions possible due to symmetry of piping and components
- + brand components ► simplified maintenance & high operational reliability

Further dryer types:



**High Pressure
Dessiccant
Dryers**
up to
7250 psi



**Heat-regenerated
Desiccant Dryers**



**Medical and
Technical
Breathing
Air**



**Membrane
Dryers**

**Refrigeration
Dryers**



**Dew Point
Control**
for heatless
desiccant
dryers

KONDRAIN

Condensate Drains

KONTREC

Oil-Water-Separators



More - - -
information



KONDRAIN: premium cost-effectiveness

The **KONDRAIN** range of condensate drains offers reliable condensate discharge in compressed air systems up to 7250 psi, regardless size. The level-controlled versions offer additional features such as

- no unnecessary air loss during the condensate discharge cycle.
- safe and reliable condensate discharge directly from the drain reservoir.

KONTREC: simple and brilliant

The physical properties of most compressor condensates allow for highly economical cleaning. These condensates usually occur as an oil-water mixture, and **KONTREC** quickly and reliably separates the oil content of the condensate from the water content. The water portion (approx. 99%) can be safely discharged into the sewerage system after processing by the KSI oil-water separator. In addition to mineral oils, **KONTREC** also reliably separates synthetic oils. The special **KONTREC** design, in combination with the use of optimised components, enables universal use for all types of condensate.

The KONDRAIN Plus-Effects +++

- + no unnecessary compressed air loss saves operating costs
- + proven technology, suitable for every condensate type
- + maximizes operational reliability by protecting installations, processes and products
- + robust quality, long service life
- + intelligent control, fully automatic monitoring
- + integrated filter removes larger dirt particles
- + very service-friendly
- + excellent price-performance ratio

The KONTREC Plus-Effects +++

- + guaranteed, legally compliant condensate separation
- + no use of activated carbon ▶ Easy handling due to weight reduction
- + simple installation, easy maintenance
- + all types of condensate drains may be applied
- + space-saving, compact design

KSI ECOCLEAN AFE

Alternative Filter Elements for Third Party Filters

KSI produces an extensive range of alternative filter elements to fit other manufacturers filter housings. Our in-house technology ensures complete control of the production process and safeguards the KSI quality of each filter element. Our strong market position allows us to quickly respond to the latest

market demand and the large production volumes result in very competitive pricing levels.

We carry large stock for our customers, thus offering fast deliveries of most of the alternative filter elements.



ECOCOMP

Filters for Compressors and Vacuum Pumps

Since 1998, KSI supplies the compressed air industry with OEM-quality filters and oil separators for compressors and vacuum pumps. A huge storage space exclusively for this product group ensures that over 96% of all orders can leave the same day.

All **ECOCOMP** products are designed for maximum performance and are subject to systematic develop

ment. The **ECOCOMP** product range includes over 7000 original references.

Features:

- highest quality, best performance
- best materials, longest lifetime
- durable and solid industrial quality
- protects compressors, vacuum pumps and compressed air systems



KSI – the strong partner for your compressed air needs

Quality without compromise! This is our vision since Holger Krebs founded KSI in a garage in Germany.

Three decades later this is still fundamental to every KSI product and service – globally!

Since 2022 KSI serves customers in Canada and the USA with a strong local presence.

Our product portfolio is built around four product lines::

- **KSI ECOCLEAN** filtration technology
- **ECOTROC** drying technology
- **KONDRAIN & KONTREC** condensate management
- **KSI ECOCONTROL** online system monitoring

Our dedicated teams support local compressed air dealers with know-how and expertise to choose the correct treatment equipment for every project. With our fast response and delivery times we ensure your technical teams can install and service compressed air equipment according to your schedule and the needs of your customers.

With two locations in North America we make sure you receive the parts and equipment you need in no time! In Cambridge, Ontario, and Charlotte, North Carolina, we stock everything from desiccant and refrigerated dryers and compressed air filters to service parts.

Our core principle: quality products – extensive stock

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