



- Founding of AFE Airfilter Engineering in Malaysia, Production of Compressed air filters
 And elements for the local Asian market
- 1997 First participation Hannover Fair "ComVac"
- Start auf the worldwide export of filters and elements, 90% of all products for export customers
- 2002 Certification according to ISO9001
- Founding of AFE Airfilter Europe as Sales and Distribution company for the European markets
- Founding of AFE production company in Germany, for the production of bigger compressed air dryers, N2 generators, biogas dryers, etc.
- Both German companies certified according to ISO9001, products validated according to PED 2014/68/EU and ISO12500





AFE Airfilter Engineering

- Located in Malaysia, near Kuala Lumpur
- Sister companies in Germany and Singapore
- Approx. 200 employees
- Size of the factory approx. 1,4 hectares
- Approx. 90% in-house production depth, incl.
- - welding
- production of end caps (aluminium, plastic)
- pleating
- painting
- etc.





- 2007 founding of AFE Airfilter Europe in Germany
- 2016 founding of AFE production company in Germany
- Number of employees in Germany: 20
- 85% of all standard orders are shipped within 48 hours after order
- Approx. 15.000 parts available ex stock Germany
- Size of warehouse approx. 750 m2
- Daily shipments to customers all over Europe







Certified according to ISO9001

Flements validated

according to ISO12500

Approved manufacturer of compressed air vessels





Products certified according to PED 2014-68-EU

CLEAN AIR BEGINS WITH US!



What do we do?

Airfilter Engineering is a manufacturer of a comprehensive range of products for the treatment of compressed air and other process gases.

Our product range contains

Dryers | Filters | Elements | Waterseparators | N2 Generators | condensate drains | replacement elements | Process filtration





Compressed air dryers (Refrigeration Dryers)

Removal of moisture from compressed air



Technical details

- 3/8" 2 ½" connection available ex-stock Germany
- volume flow 36-2340 m³/h as standard
- higher flow rates available on request
- including timer-drain
- max. working pressure 16 bar



Compressed air dryers (heatless desiccant dryer, HDD, C-HDD-N, C-HDAD-N)

Removal of moisture from compressed air



HDD SERIES





C-HDAD-N SERIE (INCL. ACTIVATED CARBON STAGE)

Technical details

- Twin Tower design
- with activated carbon stage as option
- Low dew points (down to -70°C)
- Oil removal down 0,003 mg / m3 (CHDADN)
- max. working pressure 16 bar
- Design according to PED or ASME
- Energy saving mode as option available

Features and Advantages:

- reliable and proven design
- · easy to maintain
- energy saving modus
- · including per- and after Filter
- · can be customised





Removal of moisture from compressed air



Technical details:

- Volume flow: 13,3 m3 / min to 170,0 m3 / min
- Siemens based touch-display controller
- Low dew points down to -70°C
- Max working pressure 16 bar
- Design according to PED or ASME
- Energy Savig modus by dew point control
- Incl. Temperature sensors and flow meter





Compressed air filters

Removal of moisture and particles from compressed air

- Design and approval according to PED
- Available for volume flows up to 600 m3/min
- Five filtration grades available
- Filter elements with pleated filter medium for low differential pressure
- 10 year guarantee time for filter housings
- Tested and validated according to ISO12500 by a German institute

AFE Filter elements

- high filter media capacity
- high dirt holding capacity
- long life time
- low differential pressure













Water separators

Removal of bulk water from compressed air

- Removal of bulk water down to 99%
- easy and proven design
- no wear and tear parts
- maintenance free













NITROPURE – Nitrogen Generator



Features and Advantages

- Nitrogen is available 24/7
- Independent source of Nitrogen.
- Twin-Tower-Design, easy to maintain.
- Touchscreen controller.
- Use of high efficiency CMS deisccant.
- Low production cost, quick ROI
- Purity from 95% bis 99,99%.
- Complete skid solutions available.
- Capacity from 5 m3 / h bis 150 m3 / h.



Activated carbon adsorber

Removal of oil vapour from compressed air

- Simple design, easy to maintain
- Oil removal down to 0,003 mg / m3

Point of use dryer

Removal of moisture from compressed air

- Simple design, easy to maintain
- Dew point down to -40 ° C







Condensate drains

Removal of condensate out of the compressed air system

Timer drains

- Available with different connections
- Available for different working pressures

Zero loss condensate drains

- Energy saving, no loss of compressed air
- with volt free contact
- different connections available
- max. working pressure 50 bar

Float drains

- Simple design, easy to maintain
- no electricity needed
- max. working pressure 16 bar





Compatible filter elements

Available for many different original manufacturers

All elements coming with pleated filter media

Validated according to ISO12500

- Abac
- Almig
- Alup
- Beko
- Boge
- Bottarini
- Compair

- Compair
- Donaldson
- Deltech
- Friulair
- Hankinson
- Hydrovane
- Jemaco

- Kaeser
 - Mikropor
 - MTA
 - Omega
 - OMI
 - Sullair
 - SMC

- Technolab
- Ultrafilter
- Van Air
- Walker
- Worthington
- Parker/Zander
- und weitere...





Process Filtration Products

For sterile air and steam application



- Stainless Steel filter housings available ex stock Germany
- different element types for different applications and gases
- elements with FDA approval
- •Typical applications:
- Food industry
- Beverage industry
- Breweries
- Chemical industry
- Pharmaceutical industry
- Packaging industry
- Dairies
- Biogas applications





Our markets





Key markets:

Germany, France, UK, Spain, Italy, Sweden, Switzerland, Poland, Denmark, Russia, India, China, Singapore

