Drying

Know-how and versatile technologies for optimised solutions

Refrigeration, membrane and adsorption dryers

Better through Responsibility

BEKO

Scan this code to receive the latest information about drying

Process safety is the key factor

› Refrigeration dryers
DRYPOINT® RA

› Membrane dryers
DRYPOINT® M Plus

› Heatless adsorption dryers
DRYPOINT® AC / DRYPOINT HL® / DRYPOINT® AC HP

› Heat-regenerated adsorption dryers
EVERDRY®

Economy and productivity combined

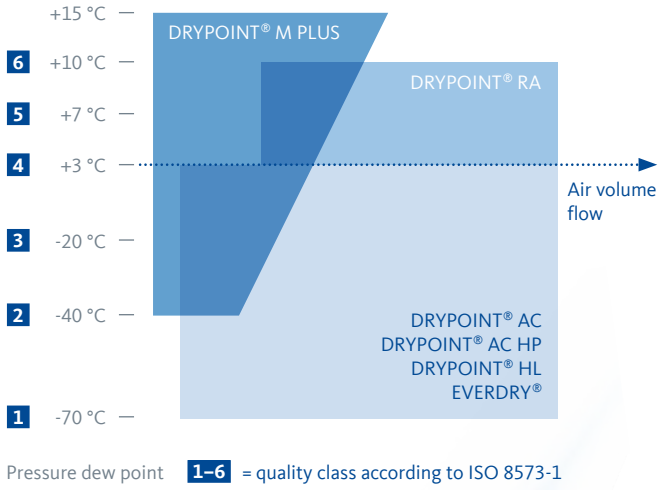
Moisture in the form of condensate poses a serious problem for operators of compressed air systems, disrupting efficient processing. Our DRYPOINT® and EVERDRY® compressed air dryers offer unrivalled process safety and many other advantages. They also save energy and costs, freeing up financial resources for investment in your core business.

Designed and dimensioned for maximum efficiency

All our plants are as unique as your application. Thanks to our comprehensive range of refrigeration, membrane and adsorption dryers, we are able to meet any requirements.
Our solutions cater for various air quality classes and degrees of dryness, and to help you achieve pressure dew points between +15 and -70 °C. To make sure that we can offer you the best solution for your application, we offer you expert advice, focussed on sustainability and long-term benefit.

Expertise you can trust

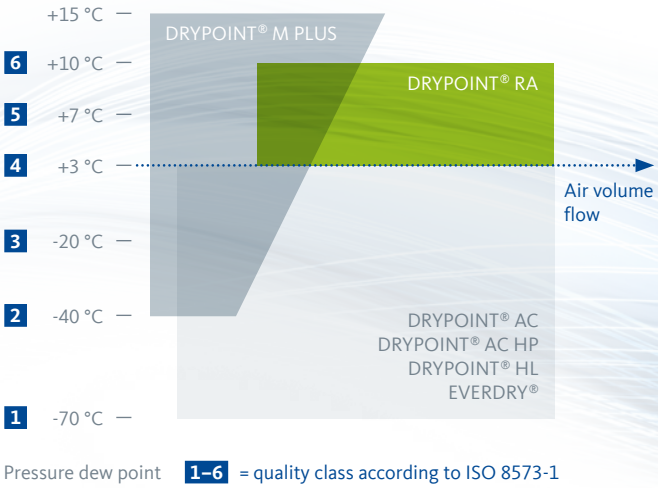
In industrial production, process safety is a must. At **BEKO** TECHNOLOGIES, process safety is therefore the quality benchmark. We offer tried and tested solutions that secure your business success and protect the environment.



BEKO TECHNOLOGIES. Better through Responsibility

Refrigeration dryers: the most economical drying method for any system

Refrigeration dryers are used in compressed air systems worldwide and represent the current state of technology. Refrigeration drying is the most cost-effective technology for the drying of compressed air: The compressed air is cooled, so that water vapour in the air condensates inside the unit and can be drained off. For fluctuating volume flows, we recommend the DRYPOINT® RA eco, as its intelligent controls enables you to make significant energy savings. For applications where stable conditions are a key requirement, the standard DRYPOINT® RA direct expansion dryer is the most efficient solution.



Pressure dew point **1–6** = quality class according to ISO 8573-1

DRYPOINT® RA eco

DRYPOINT® RA

Scan to watch
DRYPOINT® RA eco video clip

Proven technology, intelligent control: DRYPOINT® RA eco

There are substantial costs savings to be made in compressed air drying. Refrigeration dryers are designed for operation under the most unfavourable conditions, i.e. summer temperatures and high air moisture content. This means that the dryers are often oversized. In addition, refrigeration dryers are rarely run at constant full load level. Dryers with energy saving technology can save users a lot of money.

The models of the DRYPOINT® RA eco series are based on the tried and tested combination of a DRYPOINT® RA with low pressure loss, a BEKOMAT® unit and optimised heat exchanger design. These assemblies are now available with an intelligent control system that comes in two versions, catering for different plant sizes. The control continuously adjusts the dryer performance to the actual demand, thus reducing the energy consumption.

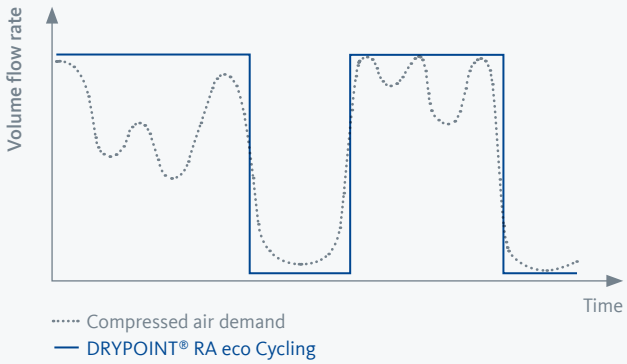
The intelligent cycling system:
DRYPOINT® RA 20-960 eco

- For volume flows < 1,000 m³/h
- Saves energy through demand-controlled shut-down of refrigerant compressor
- Energy savings indicator (in %)
- Floating contact for alarm signals

DRYPOINT® RA 20-960 eco

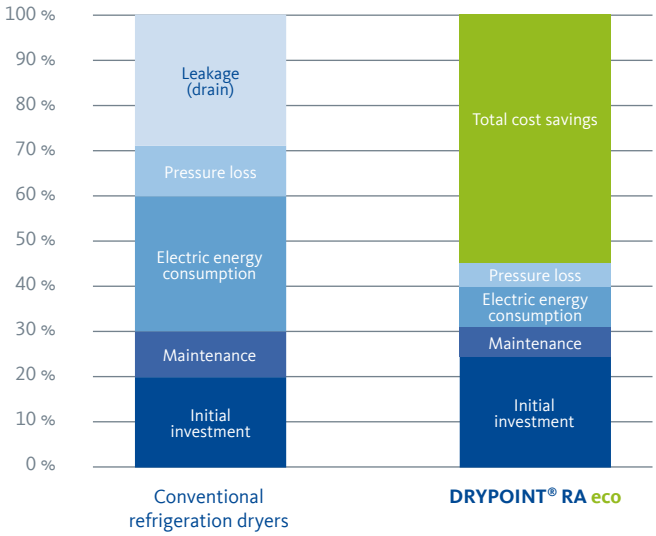
High energy efficiency thanks to intelligent cycling system

For volume flows below 1,000 m³/h, the DRYPOINT® RA eco operates as a cycling dryer with demand-controlled shut-down of the refrigerant compressor. Depending on the required degree of dryness, the shut-down times controlled by the intelligent cycling system are extended for highest energy efficiency.



Reduce costs by up to 55 % – within as little as 5 years

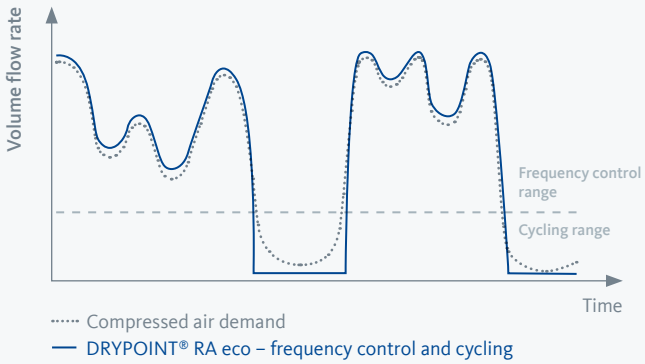
Buying a refrigeration dryer is a costly investment. Considering the lifespan of the dryer, the initial investment accounts however only for around 20 to 25 % of the overall costs, and most money is spent on operating costs, i.e. for energy and to compensate for drag and compressed air loss due to leakage. If the pressure in the system drops, the compressors must be operated at a higher rate. In contrast to conventional refrigeration dryers, which are normally dimensioned for maximum demand, the models of the eco series help you save energy during breaks in production, low-load operation and plant standstills.
As a result, the overall costs savings can amount to up to 55 % during the first five years of operation, increasing even further in the subsequent years.



DRYPOINT® RA 1300-10800 eco

Unique combination of frequency control and intelligent cycling for unrivalled efficiency: DRYPOINT® RA 1300-10800 eco

- For volume flows > 1,000 m³/h
- Huge energy savings in systems with fluctuating degree of dryness demands through combination of frequency and shut-down control
- Equipped with low-vibration, energy-efficient scroll compressors
- Intuitive 4.7“ touch screen with user-friendly function control of dryer and integrated BEKOMAT®
- Floating contact for alarm signals
- RS485 interface for external control and monitoring options
- Alarm signal/incident logging



Optimised combination of energy efficiency and dryer performance

For volume flows of more than 1,000 m³/h, the DRYPOINT® RA eco combines frequency control of the refrigerant compressor with a cycling system. This means that the fan is also frequency-controlled, resulting in optimised dryer performance at lowest possible energy consumption.

Scan this code to receive the latest information about the DRYPOINT® RA

Reliable system used worldwide: DRYPOINT® RA

The DRYPOINT® RA refrigeration dryer has become the standard solution for compressed air drying in systems with stable operating conditions and a constant pressure dew point of +3 °C. Thanks to our large range of models, we can offer you a dryer that meets your specific needs. The DRYPOINT® RA is known for its reliable drying performance with minimum compressed air loss and low energy consumption even when operated with changing loads. It has been designed for optimum functionality and reliable, safe and cost-effective operation.

DRYPOINT® RA 20-960

- Control and monitoring of integrated BEKOMAT® through system control
- Floating contact for alarm signals

DRYPOINT® RA 1080-13800

- Control and monitoring of integrated BEKOMAT® through system control
- Equipped with low-vibration, energy-efficient scroll compressors
- Floating contact for alarm signals
- RS485 interface for external control and monitoring options
- Alarm signal/incident logging

Optimised to meet customer needs

- For volume flow rates from 20 to 13,200 m³/h
- Efficient drying with special aluminium heat exchanger unit
- Stable pressure dew point of +3 °C thanks to hot-gas bypass valve with external pressure equalisation and pressure-controlled fans
- Refrigerant circuit protected by low and high pressure switches (installed as standard in all models from RA 490)

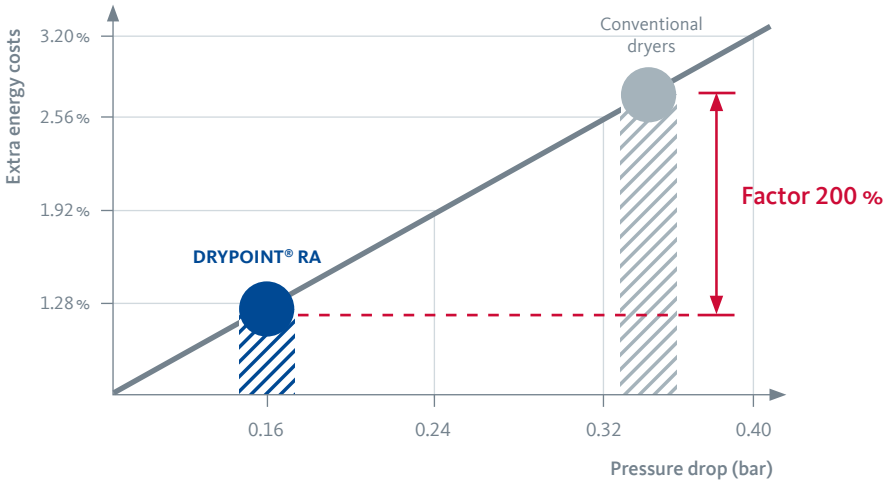
Lots of integrated extras at no extra cost

- Built-in BEKOMAT® as standard
- Centralised DMC 18 or DMC 24 system control for dryer, including monitoring function for integrated BEKOMAT®

Ecological and easy to service

- Use of ozone friendly R134a (up to RA 135) or R407C (from RA 190) refrigerant with particularly favourable GWP (Global Warming Potential)
- Designed for low-cost, quick maintenance

Unrivalled efficiency and minimum pressure loss

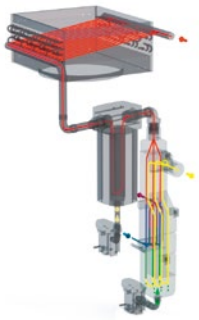


A high pressure drop in the refrigeration dryer must be compensated by higher compressor performance. This of course requires extra energy leading to higher operating costs. That is why we have reduced the pressure drop in our DRYPOINT® RA refrigeration dryer to an absolute minimum. We use a flow-optimised heat exchanger, a demister for reliable droplet removal and generously dimensioned components that reduce the average pressure drop to 0.16 bar – under full load.

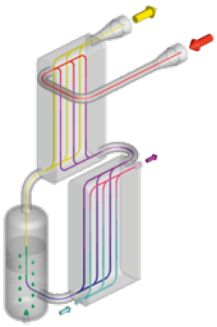
This extremely low pressure drop, combined with maximum efficiency, makes the DRYPOINT® RA cost-efficient and also keeps the pressure dew point constant.

For special applications: DRYPOINT® RA/RS special models

Special applications and requirements demand customised solutions. Thanks to our comprehensive range of refrigeration dryers, we are able to design special units that master any challenge – be it high-pressure processing up to 50 bar, high compressed air inlet temperatures or aggressive ambient conditions. The DRYPOINT® RA/RS special models and options have been designed to cater for such demanding applications. Maximum safety and minimum energy consumption.



The efficient cooler in the DRYPOINT® RA HT can handle compressed air at temperatures up to 100 °C.



The flow-optimised design of the stainless steel plate heat exchanger keeps drag to a minimum.

DRYPOINT® RA HT

DRYPOINT® RS HP

For high compressed air inlet temperatures: DRYPOINT® RA HT

- For compressed air inlet temperatures of up to 100 °C
- Integrated CLEARPOINT® prefilter
- Reliable condensate discharge by built-in BEKOMAT®

For high-pressure applications: DRYPOINT® RS HP

- Certified for high-pressure applications up to 50 bar / 45 bar
- Extra durable thanks to stainless steel plate heat exchanger
- Optimised refrigeration compressor technology for low energy consumption and stable pressure dew point
- Reliable condensate discharge by integrated BEKOMAT®
- Meets requirements of Pressure Equipment Directive PED 97/23/EC

Extra sturdy thanks to innovative TAC coating

The ambient air of many environments – for instance in industrial or agricultural production, food processing or paper production – contains aggressive media. Over time, these substances can reduce the service life of the dryer. To protect your equipment, we recommend an anti-corrosion coating that is now available for all models of our DRYPOINT® RA/RS HP series.

Inside of coated refrigeration dryer

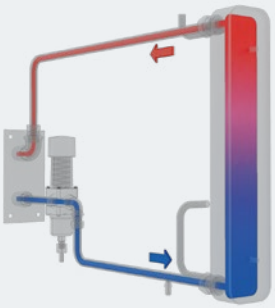
For aggressive ambient conditions:
TAC coating for DRYPOINT® RA/RS HP models

- TAC anti-corrosion coating for all internal components containing copper
- Significantly prolongs the service life of the dryer
- Enhances operational safety
- Optional with all dryer models

Water-cooled compressed air refrigeration dryers

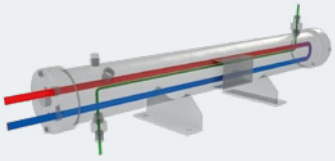
If you run a centralised cooling water system, you might opt for one of the following DRYPOINT® RA models:

- DRYPOINT® RA WC
  Water-cooled compressed air refrigeration dryer



Water cooling allows for reliable drying – irrespective of the ambient temperature

- DRYPOINT® RA TBH
  Water-cooled, with tube bundle heat exchanger – for grey water
- DRYPOINT® RA SWC
  Sea water-cooled, with tube bundle heat exchanger



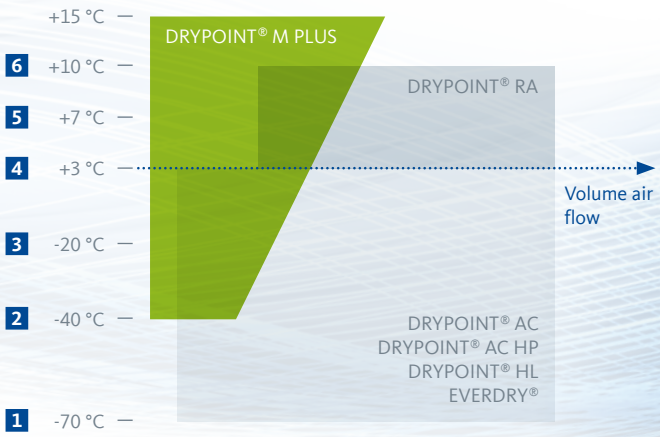
The design allows for the use of treated and untreated cooling water.

Additional options for the DRYPOINT® RA/RS HP series – such as oil-free – are available on request.

Scan this code to receive the latest information
about membrane dryers
from **BEKO** TECHNOLOGIES

Membrane dryers: the all-in-one solution

Compact, reliable and without need for external power: Membrane dryers use highly-selective membranes to dry the compressed air. They are able to achieve pressure dew points between +15 and -40 °C and are therefore widely used for a wide range of application. In particular for operation under changing ambient conditions.
The integrated nanofilter guarantees efficient filtration and protects the membranes. With the DRYPOINT® M eco control, we offer you a unique new solution where you can choose the operating mode and the degree of drying to suit your specific application – while saving energy.



Pressure dew point **1–6** = quality class according to ISO 8573-1

DRYPOINT® M PLUS

Scan to watch
DRYPOINT® M PLUS video clip

Dryer and filter in one: the DRYPOINT® M PLUS

We just do things a bit differently. For example combining dryers and filters in one housing, or winding membrane fibres layer by layer to obtain a perfect structure. Other times, we might opt for a more conventional approach – for instance by offering a product portfolio with units for many different performance ranges, catering for customised solutions. In the end, all we care about is the quality of your compressed air.

Special
- Reliable drying with partial vapour pressure compensation by diffusion in combination with highly selective membranes
- Compact design and extra efficiency thanks to TWIST60 winding technology
- Integrated nanofilter for maximum safety
- No effect on compressed air composition – suitable for breathing air applications
- Trusted technology from **BEKO** TECHNOLOGIES

Efficient
- Achieves required pressure dew point with minimum energy input
- Dry compressed air available without delay
- Filtration and drying combined in a single housing

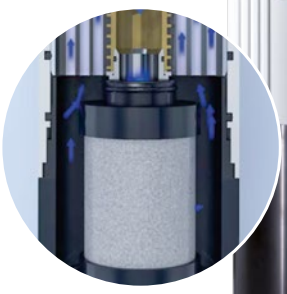
Sturdy
- Housing made in sea water resistant aluminium
- Low-maintenance technology, no need for power supply

Designed for system integration
- Modular design for combination with CLEARPOINT® filters
- Designed for installation anywhere along compressed air treatment chain, or for integration into plant technology

DRYPOINT® M PLUS

Convenient: integrated nanofilter

The nanofilter element that prevents the ingress of aerosols and solid particles is enclosed in a screw-in filter housing (housing extension) and installed directly in front of the hollow-fibre membranes. This allows for compressed air quality of 1 . - . 1 according to ISO 8573-1. Depending on the quality of the incoming compressed air, additional treatment systems might need to be installed upstream of the membrane dryer.



FDR unit for
installation at point of consumption

With built-in purge air shut-off valve

- Extra energy-efficient – purge air is only used when there is a demand for dried compressed air
- Externally controlled solenoid valve
- Available for all standard input voltages
- Industry-grade solenoid valve, IP65

DRYPOINT® M PLUS
with purge air shut-off valve

FDR unit

- Compact combination of filter, dryer and pressure regulator for consumption point installation
- Also available with additional activated carbon filter
- Plug & play device

Do you have other requirements?

However complex your task – we assist you in finding a solution. Our experts are experienced in the design of customised plants that match your requirements. Simply contact us for advice!

Scan to watch
DRYPOINT® M eco control video clip

Simply unique: the electronically controlled DRYPOINT® M eco control

The best inspirations come from our customers. And we always respond to new demands from the market. That is why we now offer the DRYPOINT® M eco control, which is the first unit of its kind where operators can set a fixed pressure dew point between +10 and -26 °C by pressing a few buttons. The DRYPOINT® M eco control can be run in two ways: in 'Constant Mode', the device maintains a constant outlet pressure dew point. In 'Dynamic Mode', it keeps a constant temperature difference between this dew point and the compressed air temperature. The dryer is extremely energy-efficient, as purge air consumption is limited to what is actually required, based on the consumed compressed air and the set degree of drying.

Automatic operation based on actual consumption

The DRYPOINT® M eco control responds automatically to changing operating conditions and fluctuating compressed air demands. In other words, it adjusts its performance to what is really required. That is why this model bears our eco seal.

Unique

- Patented system made from tried and tested **BEKO** TECHNOLOGIES components such as membrane dryer, control system and sensors
- Low-maintenance design – all you need to do is change the filter element
- Constant high compressed air quality even under changing operating conditions

Designed for network integration

- Configured for remote control
- Performance monitoring and visualisation through analog data transfer interface

Validated

- Fail-safe function guarantees perfect compressed air drying even in the event of a power failure
- Available for all standard input voltages
- Easy to operate
- Floating contact

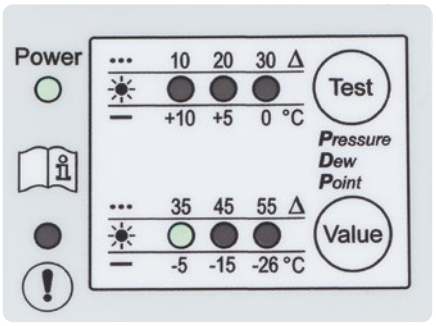
Universal

- For discontinued compressed air draw-off
- Catering for wide range of degrees of drying
- For applications that demand extremely stable compressed air quality
- Designed for point of use of consumption or for partial flow treatment

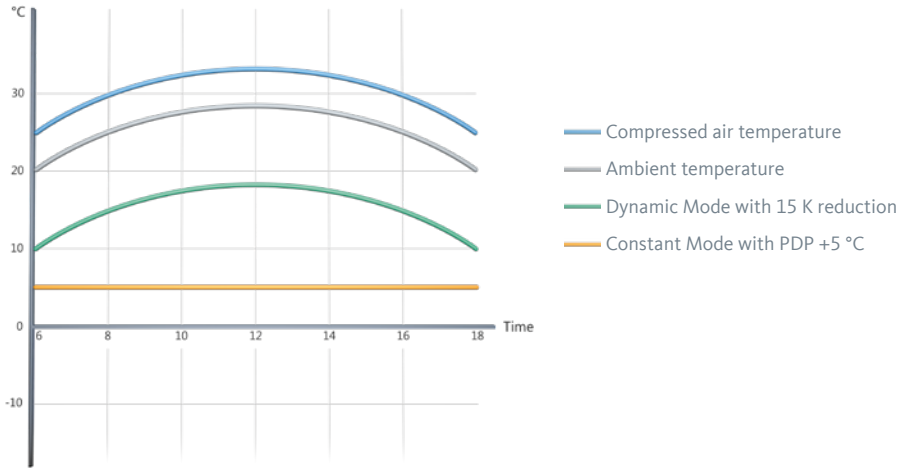
DRYPOINT® M eco control

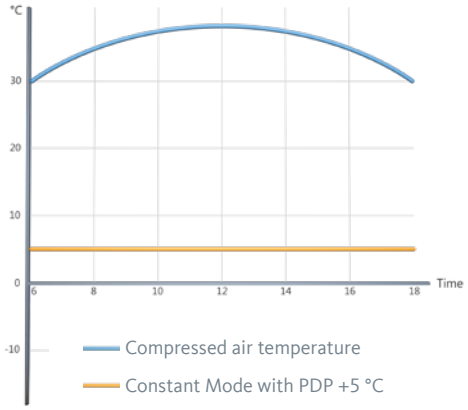
Matching operating mode for any application

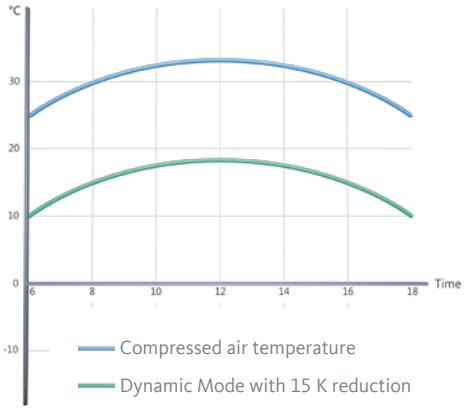
If pressure dew point control is your main concern, the DRYPOINT® M eco control is your best option, as it bridges the gap between refrigeration and adsorption dryers. Depending on your application, you might need to keep the pressure dew point at a specific value, or maintain a constant temperature difference to the compressed air temperature. That is why the DRYPOINT® M eco control can be run in two modes: 'Constant Mode' and 'Dynamic Mode'. The operating mode or the application-specific degree of drying can be selected quickly and easily through the user-friendly interface. The selected mode is clearly indicated by LEDs. A data transfer interface allows for user-friendly performance monitoring and visualisation, for example by means of a METPOINT® BDL data logger.



Performance over a day







Constant Mode

In this operating mode, the pressure dew point at the outlet is set to a value between +10 and −26 °C, and the DRYPOINT® M eco control keeps this value constant, even under changing operating conditions.
At the same time, operators know that the degree of drying of the compressed air always corresponds to the set value.

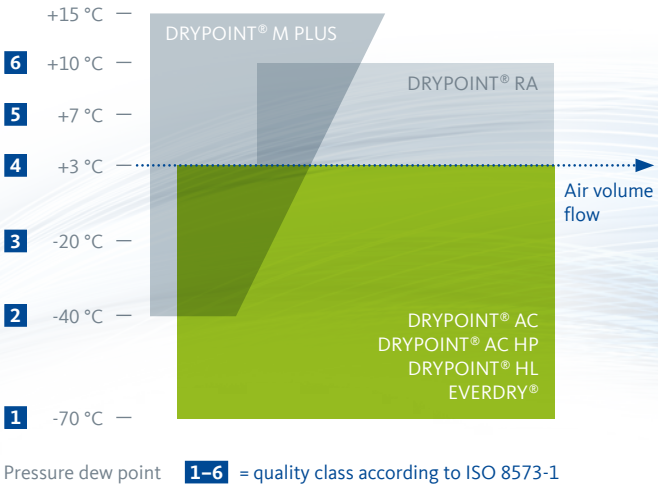
Dynamic Mode

In this operating mode, the pressure dew point is reduced relative to the compressed air temperature by a specified difference between 10 and 55 K. If the inlet temperature changes, the pressure dew point will automatically follow suit. Operators therefore know that the degree of drying does not change, even if the compressed air inlet temperature fluctuates over time.

Scan this code to receive the latest information about cold-regenerated adsorption dryers from **BEKO** TECHNOLOGIES

Cold-regenerated adsorption dryers: trusted quality in all details

Reliable drying – even under high-pressure conditions: challenging ambient conditions and high air volume flows demand special compressed air dryers that can handle such loads. Our cold-regenerated adsorption dryers are made from top-quality components and therefore extremely durable, sturdy and efficient. The desiccant adsorbs moisture from the compressed air, and only a small portion of the dried compressed air is used for the regeneration of the desiccant. The pressure drop is thereby kept at a constant low level, even under demanding operating conditions, which helps save costs. Our comprehensive range of cold-regenerated adsorption dryers caters for volume flows of 10 to 8,200 m³/h and pressures of 4 to 420 bar.



DRYPOINT® AC HP

Scan this code to receive the latest information about high-pressure adsorption dryers from **BEKO** TECHNOLOGIES

For exceptional requirements: DRYPOINT® AC HP

High-pressure systems need to be extra safe and reliable. As the air is highly compressed, it tends to be much more contaminated by solid particles, oil and condensate. The DRYPOINT® AC HP is the key component of any high-performance and safe high pressure system, as it eliminates both moisture and contaminants from the compressed air. It is not only very reliable but also highly efficient.

DRYPOINT® AC HP

Optimised in all respects ...

- Long-life stainless steel construction as standard
- Excellent energy efficiency
- Intelligent compressor synchronisation control as standard
- Safe and reliable

... and customised for your specific application

- Dimensioned and configured to match actual requirements
- Adapted to suit your operating conditions and needs

Easy to service

- All components and assemblies are accessible from the front and screw-mounted
- Easy access to all components as the unit does not feature a housing
- All elements are individually suspended to minimise the load on the piping
- Three separate valve units instead of a single combined valve block allow for easy maintenance and reduce costs for spare parts

Efficient in all sizes: DRYPOINT® AC/HL

The adsorption dryers of the DRYPOINT® AC and DRYPOINT® HL series use top-quality desiccant media, guaranteeing a constant supply of compressed air of the highest quality.
The desiccant adsorbs moisture to a pressure dew point as low as -40 °C (optional -70 °C), ensuring trouble-free and efficient production. Combining load-dependent control and compressor synchronisation control, the system enables you to save energy, resulting in significantly lower operating costs.
The cold-regenerated adsorption dryer is a complete system solution with many further advantages: In combination with CLEARPOINT ® prefilters, after-filters and a BEKOMAT® condensate drain, the DRYPOINT® AC offers you unrivalled safety – for volume flow rates from 10 to 8,200 m³/h.

DRYPOINT® AC 410-495

DRYPOINT® AC 119-196

With shuttle valve: DRYPOINT® AC 410-495

- For volume flow rates from 100 to 1,000 m³/h
- Fail-safe thanks to shuttle valve with integrated purge air line, ensuring adequate purge air flow even in the event of a power failure
- Sturdy and safe design with galvanised press fittings
- Easy to transport by lift truck
- Service access to all components

Unrivalled flexibility: DRYPOINT® AC 119-196

- For volume flow rates from 10 to 120 m³/h
- Constant high degree of drying
- Flow-optimised prefilter, minimising pressure loss
- Suitable for connection to any standard input voltage in the world
- Twenty different installation options, including solutions for confined spaces, with multiport manifold
- Also suitable for horizontal installation, thanks to preloaded desiccant

Suitable for horizontal installation

Installation at the side or at the front

Installation at the rear

Scan this code to receive the latest information about heat-regenerated adsorption dryers from **BEKO** TECHNOLOGIES

Heat-regenerated adsorption dryers: In-house engineering for customised system solutions

From the idea to the customised solution – based on standardised components

Profile

- Industry- and application-specific requirements (e.g. compressed air quality, volume flows, regeneration air heating system)
- Investment and operating costs, payback time
- Local acceptance procedures
- Climate zone, on-site operating conditions commercial considerations

Concept

- Decide on variant and requirement
- followed by: Design of customised solution

Presentation

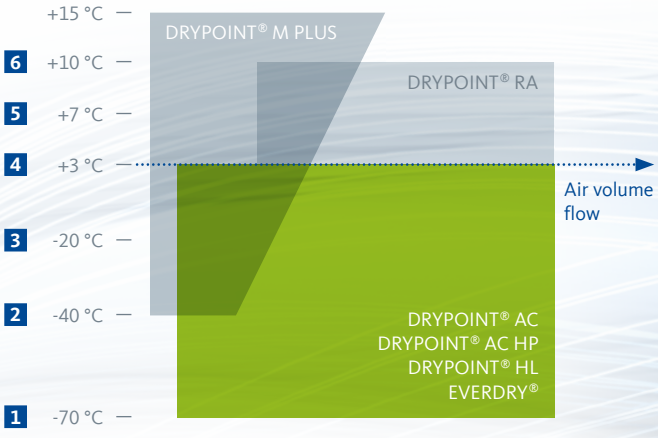
- Presentation of solution

Design & production

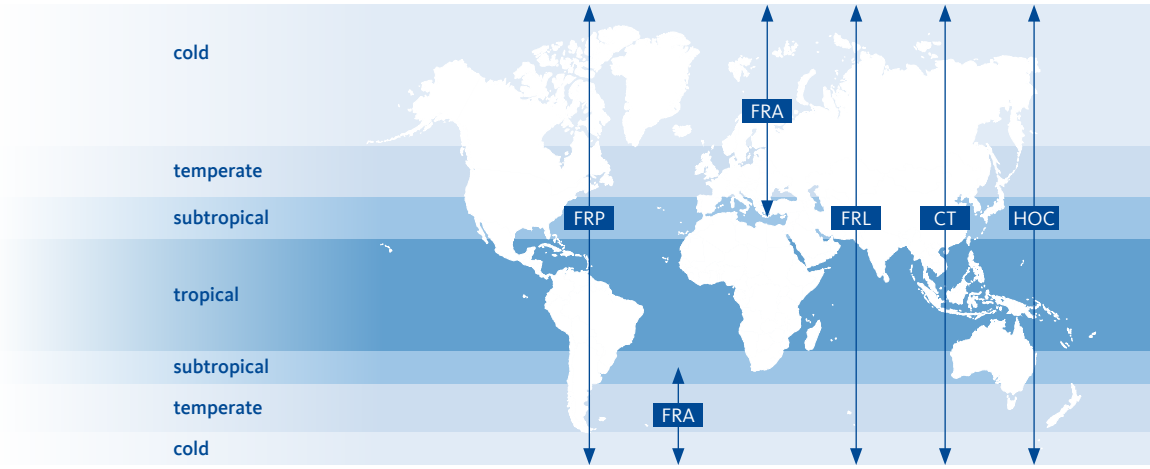
- In-house engineering by our experienced team of experts
- Implementation of project

Constant contact between customers and experts

Advice / support / optimisation

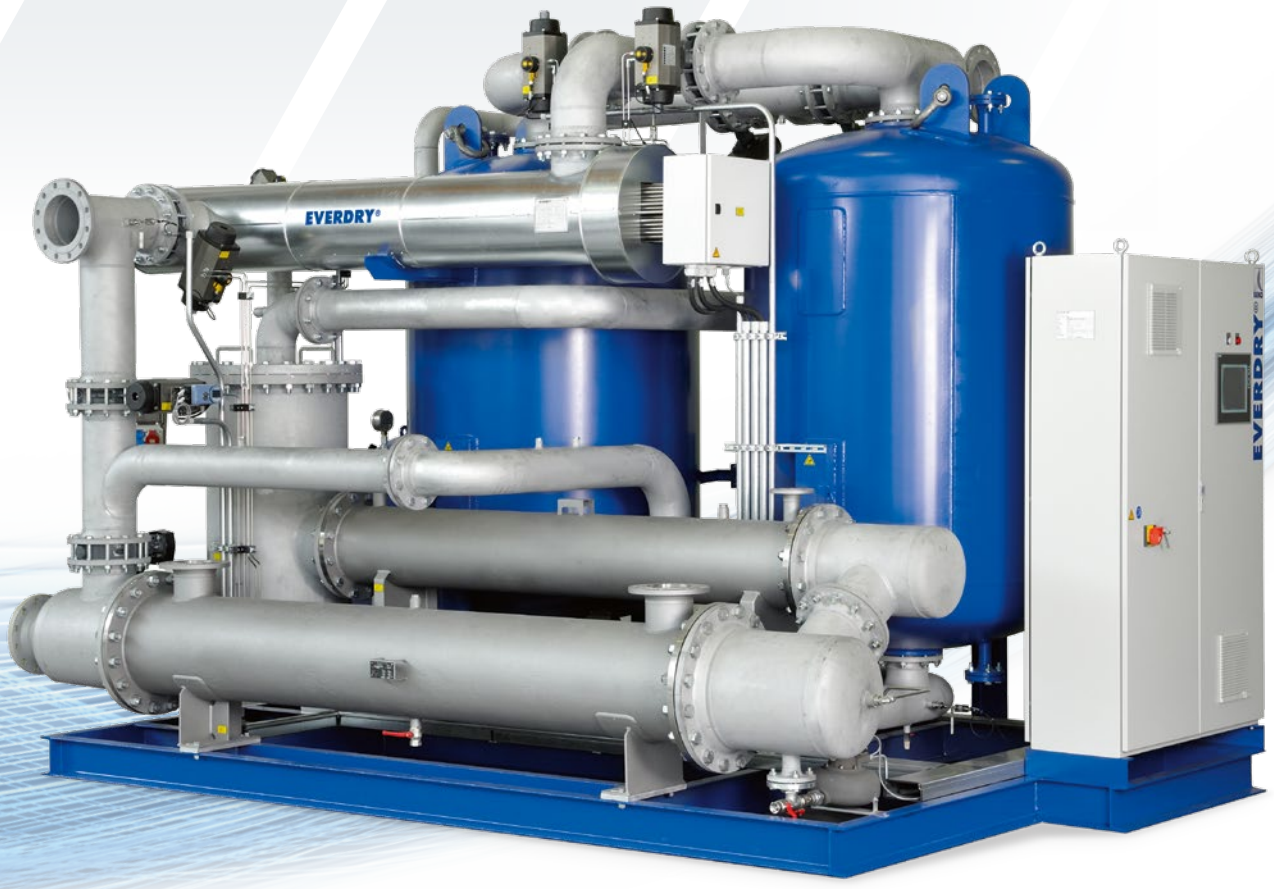


Pressure dew point **1–6** = quality class according to ISO 8573-1



Commissioning

- Installation on site
- Configuration to suit location of operation



EVERDRY® HOC-R

Fan regenerated with blower air: EVERDRY® FRP/FRA/FRL

Our three basic concepts combine tried and tested process technology with advanced plant and control features that are suitable for optimised operation in any climate zone.

Our standard series cover 23 performance levels from 580 to 20,000 m³/h. On request, we provide units for even higher volume flow rates.

EVERDRY® FRL

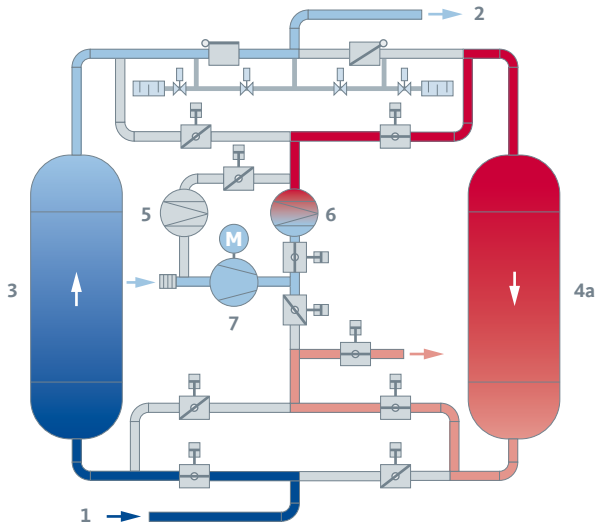
FR			
Model	FRP	FRA	FRL
Pressure dew point	-40 °C	-40 °C	-40 °C -70 °C (optional)
Quality class	-.2.-	-.2.-	-.2.- -.1.-

FR **F**an **R**egenerated
FRP **P**urge Air (cooling with compressed air)
FRA **A**mbient Air (cooling with ambient air)
FRL **L**oop (closed cooling loop)
...- V **V**acuum operation of fan during cooling

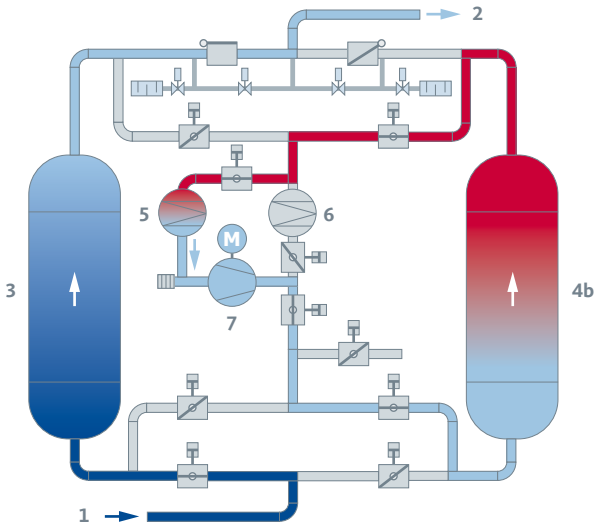
Added value

The excellent quality of our solutions is not least due to the fact that we only use top-quality components designed for easy servicing. HT galvanised pipes prevent corrosion, and the sturdy control air line in galvanised piping prolongs the service life of the unit. The large touch screen display and the innovative control concept are particularly user-friendly.

Two-phase regeneration: how the EVERDRY® FRL works



Desorption phase



Cooling phase

(**1**) Moist air inlet (**2**) Dry air outlet (**3**) Vessel in adsorption mode (**4a**) Vessel in desorption mode (**4b**) Vessel in cooling mode (**5**) Cooler (**6**) Heater (**7**) Fan

EVERDRY® FRP

- Desorption in counterflow direction to adsorption, by means of hot blower air
- Cooling by means of depressurised partial dried compressed air flow

EVERDRY® FRA

- Desorption in counterflow direction to adsorption, by means of hot blower air
- Cooling with blower air
- No compressed air consumption for regeneration

EVERDRY® FRL

- Desorption in counterflow direction to adsorption, by means of hot blower air
- Cooling with blower air in loop
- No compressed air consumption for regeneration

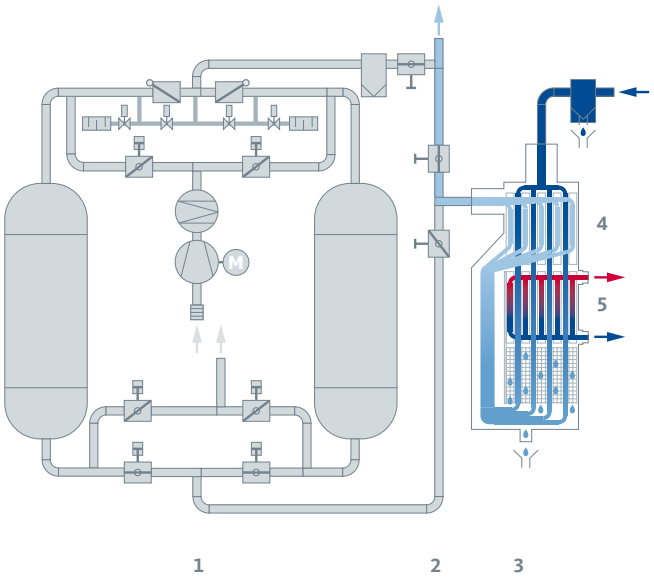
Ingenious combination: EVERDRY® COMBITROC CT

The EVERDRY® COMBITROC CT series is the perfect combination consisting of a refrigeration dryer and an adsorption dryer. During the hot season, the system is operated as an energy-efficient refrigeration dryer with a pressure dew point of +3 °C. In the wintertime, a lower pressure dew point is required to eliminate condensate. The unit therefore automatically switches over to the heat-regenerated adsorption dryer, so that a pressure dew point of below -40 °C is achieved. The combined system has the further advantage that it is fully redundant should one of the dryer units fail.

EVERDRY® COMBITROC CT

Perfect for summer and winter: the EVERDRY® COMBITROC CT

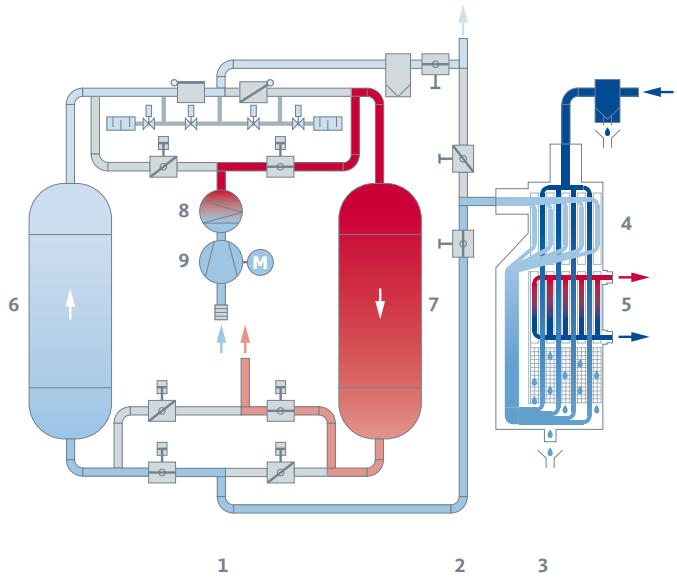
Operation during hot season



During the hot season, the pressure dew point of +3 °C can be achieved reliably and efficiently by the refrigeration dryer alone.

(**1**) Adsorption dryer with after-filter, (**2**) Bypass, (**3**) Refrigeration dryer with prefilter, (**4**) Air-air heat exchanger, (**5**) Air-refrigerant heat exchanger

Operation during cold season

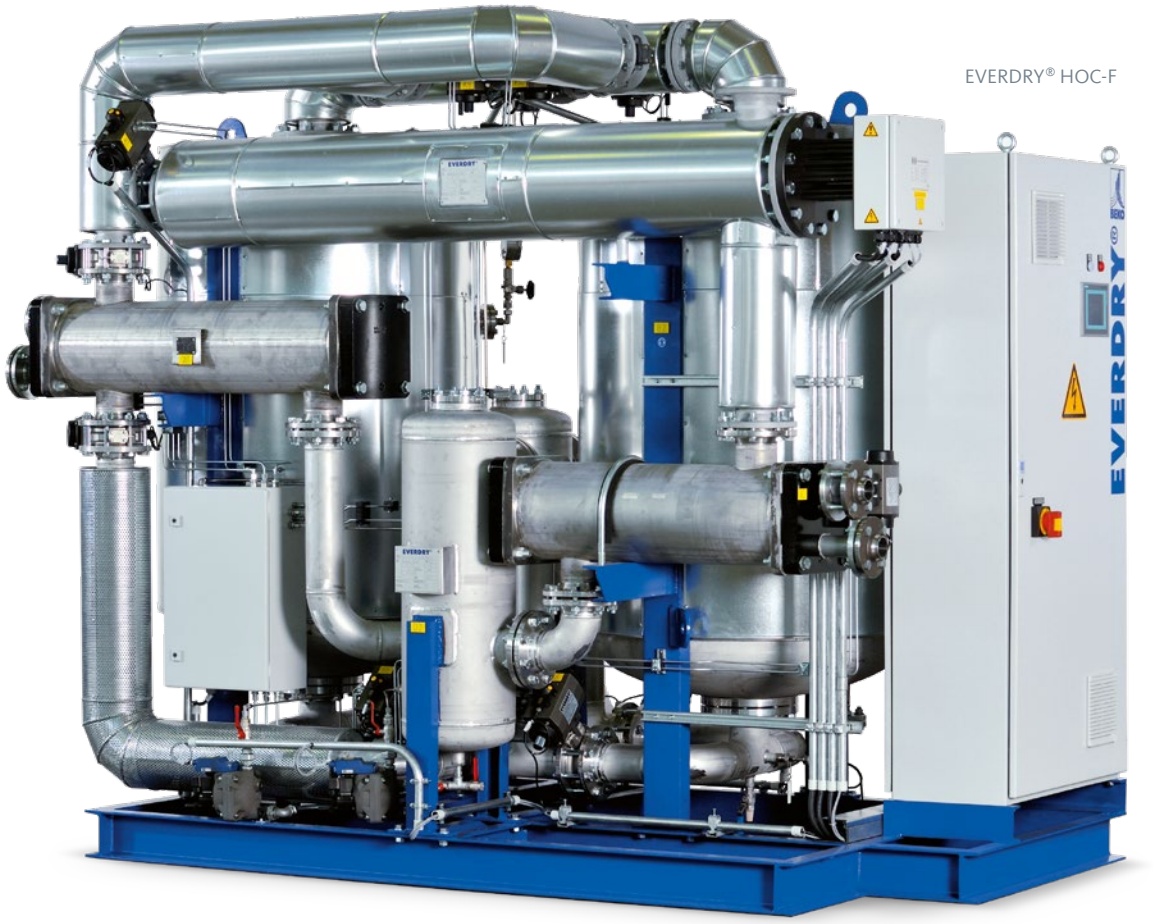


During the cold season, the system automatically starts the heat-regenerated adsorption dryer for pressure dew points below -40 °C.

(**1**) Adsorption dryer with after-filter, (**2**) Bypass, (**3**) Refrigeration dryer with prefilter, (**4**) Air-air heat exchanger, (**5**) Air-refrigerant heat exchanger, (**6**) Vessel in adsorption mode, (**7**) Vessel in desorption mode, (**8**) Heater, (**9**) Blower

Desorption by means of heat of compression: EVERDRY® HOC

The models of the EVERDRY® HOC series can be used in all systems where compressed air is produced without oil. Its main advantage: the heat generated in the compression process is not simply dissipated in the aftercooler as is the case in conventional units, but used for desorption. This results not only in significantly lower energy consumption but also prolongs the service life of the system as there is no pressure cycle load on the components. On request, our units are available for volume flows up to 100,000 m³/h.

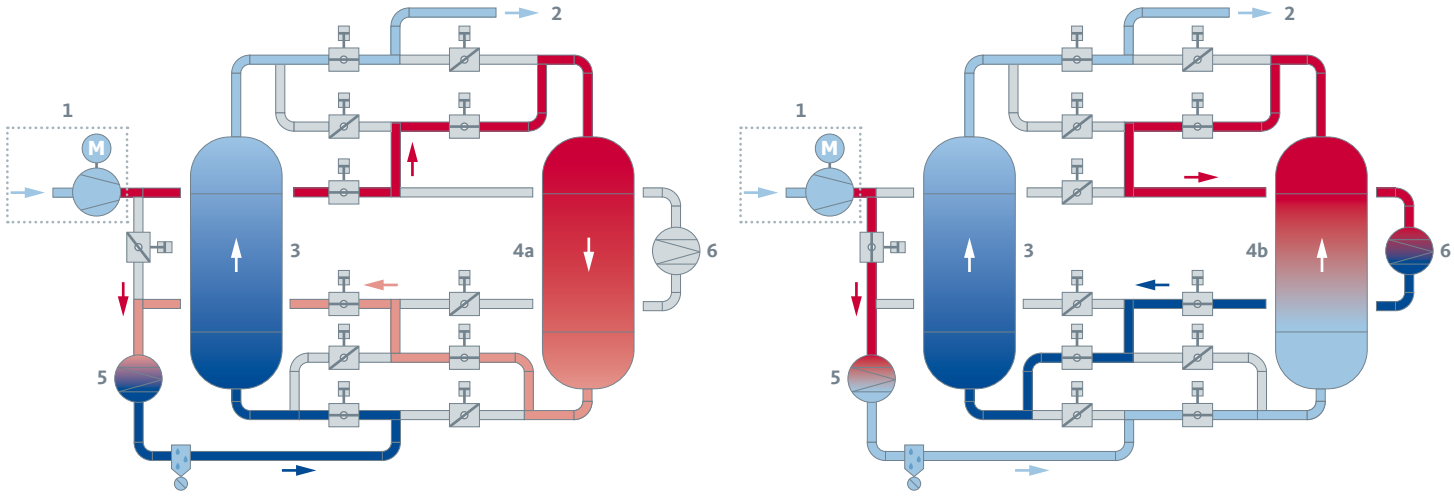


EVERDRY® HOC-F

HOC			
Model	HOC-F	HOC-P	HOC-R
Pressure dew point	-40 °C	-40 °C	-70 °C
Quality class	-.2.-	-.2.-	-.1.-

HOC **H**eat **O**f **C**ompression
HOC-F **F**ull Stream (full stream desorption)
HOC-P **P**artial Stream (partial stream desorption)
HOC-R **R**eload (full stream desorption in reload)

No compressed air loss: with the EVERDRY® HOC-F



Desorption phase **Cooling phase**

(**1**) Compressor output (**2**) Dry air outlet (**3**) Vessel in adsorption mode (**4a**) Vessel in desorption mode (**4b**) Vessel in cooling mode (**5**) Cooler 1 (**6**) Cooler 2

Durable and efficient

- Units operate at all times below operating pressure
- Advantage over conventional systems: no pressure cycle stress on components and desiccant
- No compressed air consumption for regeneration

EVERDRY® HOC-F

- Full flow desorption using heat of compression
- Full flow cooling by means of compressed air volume flow

EVERDRY® HOC-P

- Partial flow desorption using heat of compression
- Partial flow cooling by means of compressed air volume flow

EVERDRY® HOC-R

- Full flow desorption using heat of compression
- Reload desorption (super heating) as option for low dew points
- Reload cooling with partial flow of dried compressed air (no compressed air loss)

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Complete solution from a single supplier for your success!

When it comes to compressed air, no two applications are exactly the same. And each application comes with its very specific requirements regarding the quality of the compressed air. This quality is primarily determined by the treatment of the air downstream of the compressor. That is where our solutions come into play! For more than three decades, we have been providing companies with high-performance equipment in the field of compressed air and compressed gas technology. Our tried and tested products, systems and solutions help our customers achieve the compressed air quality they need for their production processes – safely and efficiently. From filtration and drying to condensate processing technology and instruments for quality monitoring and validation. From small compressed air plants to sophisticated process technology. We are the only supplier in the market offering all components found along the processing chain. For our products, we use only components that meet our stringent quality standards. Through dedication and expert knowledge, we are able to combine these components for optimum efficiency and reliability.

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Compressors

As soon as the compressed air leaves the compressor, it must be prepared for the application it is to be used in.

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With our solutions, you can achieve the compressed air quality you need for your applications.

Condensate technology

Oil-free

BEKO TECHNOLOGIES

Measurement technology

Drying

Enhanced process safety at reduced operating costs – plus an optimised solution for any application: that is what we offer you with our large range of refrigeration and membrane dryers and our versatile program of cold- and heat-regenerated adsorption dryers. Find out more about or expertise and services by contacting our sales team for a brochure. Alternatively, visit www.beko-technologies.co.uk

Why is the whole greater than the sum of its parts?

Our solutions combine the expertise of a leading system provider with the dedication of every single member of our staff. We listen to our customers and remain focused on practical applications. We want to protect the environment and value our partners in business. This commitment is reflected in every single product that leaves our factories.

BEKO TECHNOLOGIES. Better through Responsibility

Do you want to know more about drying technology?

We have the answers! We would be delighted to hear from you to explore solutions for your specific compressed air system.

About **BEKO** TECHNOLOGIES:

- Established in 1982 by Berthold Koch
- Independent, family-owned company
- Head office based in Neuss, Germany
- Operates production plants in Germany, the USA, India and China
- Global sales network
- Committed to the highest quality standards
- Certified according to EN ISO 9001:2015

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