

EVERDRY®

**COMPRESSED-AIR ADSORPTION DRYERS
FOR LARGE VOLUME FLOWS**



THE SOLUTION DEPENDS ON THE APPLICATION ...

Therefore, BEKO offers application-optimised products for compressed-air processing. Refrigeration, adsorption and membrane dryers for volumes up to 1,500 m³/h have been part of the product line for years. The heat regenerating EVERDRY® adsorption dryers, which are designed for large volume flows up to 20,000 m³/h, complete these.

EVERDRY® means customer-oriented, custom-designed plant engineering using standardised, high-performance technology.

Engineering and manufacturing are implemented by EverAir GmbH, a company of the BEKO Group. Their knowledge about industry-specific requirements, longstanding experience with regard to plant engineering and BEKO's international presence are concentrated in a unique service package.

Consultation, engineering, installation and service for EVERDRY® drying systems are internationally available via the BEKO sales- and service-organisation and other qualified partners.



+ 1: CUSTOM-DESIGNED SOLUTIONS

+ 2: CAPACITY TO UP TO 20,000 m³/h (AND MORE)

+ 3: APPLICATION-ORIENTED RANGE OF TECHNOLOGIES

+ 4: INTERNATIONAL AVAILABILITY

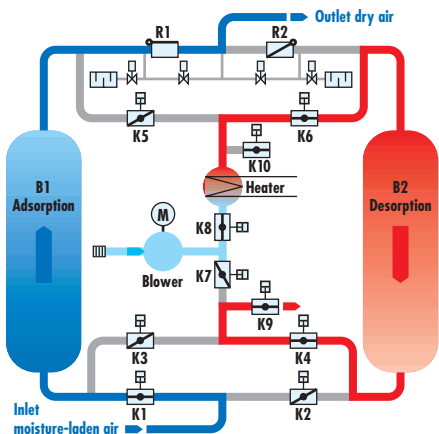
+ 5: BACKED BY BEKO EXPERIENCE AND COMPETENCE



EVERDRY® - THE CUSTOMISED SOLUTION FOR ALL SPECIFICATIONS

EVERDRY® offers standardised concepts with many variation possibilities. In this manner, all criteria of application and decision are optimally fulfilled. Customer-specific requirements are met by individual solutions which are geared towards the needs of each application.

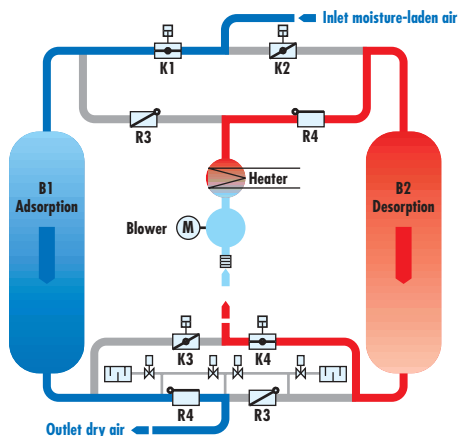
It is clear: As far as EVERDRY® is concerned, it is not the available technology which determines the concept of a drying plant, but the solution-oriented, optimum technology.



EVERDRY® FRA

- Cooling by blower air (ambient air)
- The optimum solution for the standard application

Capacity range 600-20.000 m³/h	ZERO PURGE without purge air	Heat-regenerating
DTP down to -40 °C	Moderate climate	
Investment Operation	High process reliability ++	



EVERDRY® FRC





- Cooling by blower air (ambient air)
- Investment-oriented ZERO PURGE adsorption dryer

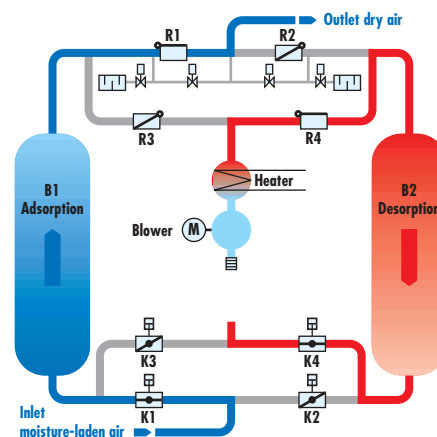
Capacity range 600-3.400 m³/h	ZERO PURGE without purge air	Heat-regenerating
DTP down to -40 °C	Moderate climate	
Investment Operation		

EVERDRY® – THE CUSTOMISED SOLUTION FOR ALL CRITERIA

EVERDRY® FRP






- Cooling by a pressure-released partial stream of dry air
- Purge air demand of 2 % for cooling

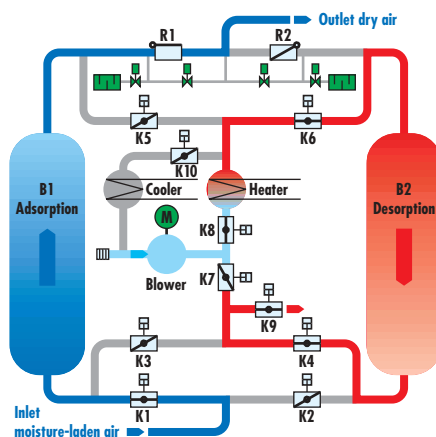
Capacity range 600-20.000 m ³ /h	 Heat-regenerating	
 DTP down to -40 °C		 All climatic zones
Investment Operation		 High process reliability ++



EVERDRY® FRL

- Cooling via blower air in a closed loop
- Also suitable for tropical climates (water cooling)

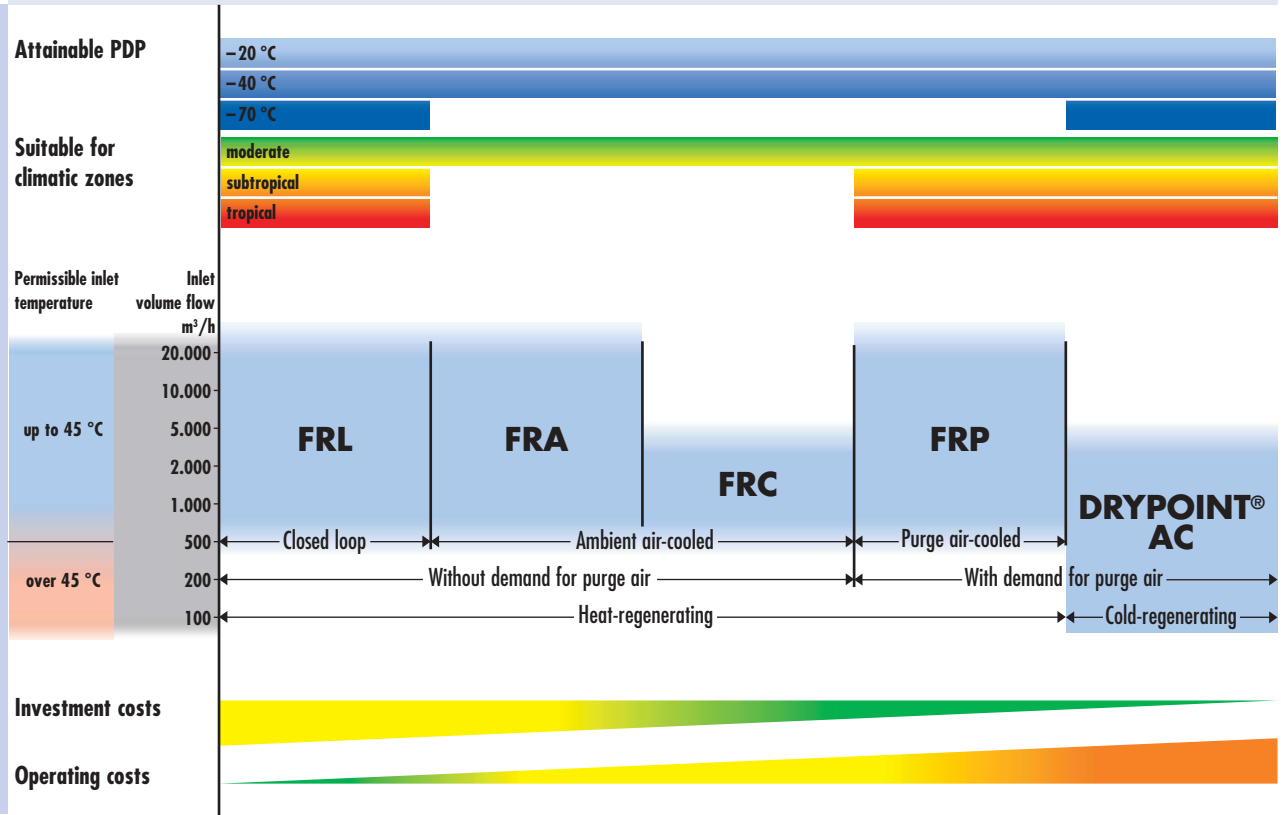
Capacity range 900-20.000 m ³ /h	ZERO PURGE without purge air	 Heat-regenerating	
 DTP down to -70 °C	 All climatic zones		 Water-cooled
Investment Operation	 Highest process reliability +++		



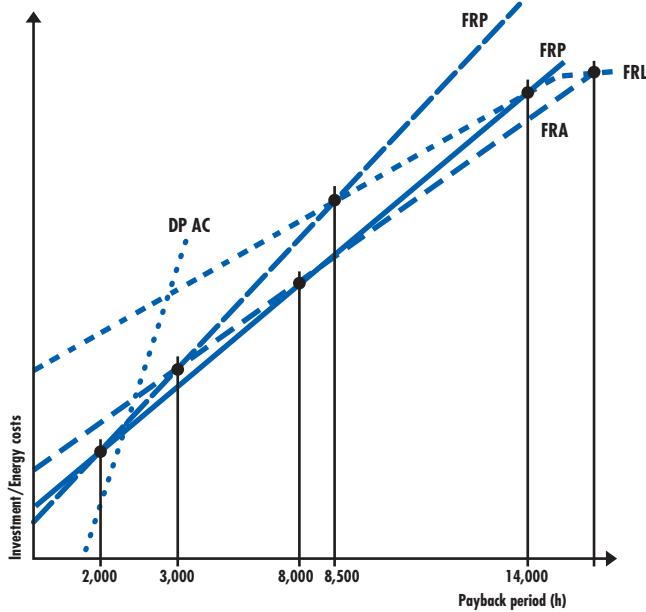
EVERDRY®: For volume flows from 580 to 20000 m³/h (340 – 11770 cfm).
Solutions for higher volume flows upon request.

... AND TO YOUR PRIORITIES

FIELDS OF APPLICATION



PAYBACK PERIOD



- FRL:** Cooling by blower air in a closed cooling cycle (loop) – ZERO PURGE
- FRA:** Cooling by blower air (ambient air) – ZERO PURGE
- FRC:** Cooling by blower air (ambient air) – ZERO PURGE
- FRP:** Cooling by a pressure-released partial stream of dry air
- DRYPOINT® AC:** Cold-regenerating adsorption dryer (please ask for detailed written information)

Reference data

Volume flow 3400 m³/h DTP: -40 °C
 Operating pressure: 7 bar (ü) 1 kWh: 0,06 €
 T_{in}: 35 °C, saturated 1 m³ dried compressed air: 0,015 €

BEKO

HIGH-QUALITY COMPRESSED AIR

BEKOMAT®

The convincing concept for condensate discharge

ÖWAMAT®

Clean & safe oil-water separation.
Super efficient with OEKOSORB® replacement filters

BEKOSPLIT®

Splitting plants for the reliable, economic and environmentally friendly treatment of oil-water emulsions

DRYPOINT®

The complete product range for compressed air drying:
refrigeration dryers, adsorption dryers, membrane dryers

EVERDRY®

Compressed air for large volume flows

CLEARPOINT®

Flow-optimised, reliable filters and water separators for compressed air and industrial gas

BEKOKAT®

Catalytic oil retention.
The optimum solution for the highest requirements in compressed air treatment

BEKOFLOW®

Innovative, cost-cutting compressed air pipe system

BEKOBLIZZ®

Optimised cooling processes using deep-cooled, dry compressed air

EVERDRY® – Engineered by EverAir GmbH.
Member of the BEKO Group of Companies.



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