DRYPOINT® XF
hyper-intelligent heated desiccant drying
The operation of compressed air systems with conventional heated desiccant dryers can suffer from high, system-related air loss. This deficiency needs to be compensated via an increase in compressor performance, thus requiring a higher energy input.

DRYPOINT® XF desiccant dryers offer a convincing, economic solution to the problem: BEKO Technologies has developed a line of desiccant dryers that are focused completely on reducing energy consumption. By significantly reducing air loss and using the most energy efficient components possible, energy savings of up to 90% can be realized when compared to conventional designs. The energy savings alone offer a complete economic payback after a short period of time. DRYPOINT® XF represents a real system solution: the inline integration of CLEARPOINT® compressed air filters, combined with BEKOMAT® condensate drains represent a major safety asset.

By supplying application specific solutions, we can ensure that our customers receive personalized attention to their compressed air drying needs. The result is a system that will provide the most reliable, energy efficient solution possible.

All BEKO Technologies dryers are designed and tested to meet the strict quality guidelines of our company. There are no compromises to quality and reliability of any of our dryers.

**FEATURES AND BENEFITS:**

+ **AUTO-PURGE RATE & USER MODES:**
  auto-adjusting purge rates, user pre-sets for pressure dew points, and customizable operation modes

+ **ADVANCED ECOINTELLIGENT PLC:**
  real-time monitoring of ambient, inlet, and outlet conditions to calculate the most energy efficient mode of operation automatically

+ **MAXIMUM ENERGY SAVING:**
  up to 90% energy savings compared with a conventional dryer, up to 40% energy savings compared to a demand control dryer

+ **BEKOTOUCH 2 INTERFACE:**
  7” touch screen display that is easy to read with animated P&ID, all system parameters, energy savings, and more, plus free firmware updates

+ **MODULAR CONFIGURATION:**
  engineered to be quickly and easily customized to suit any application with reduced lead-times

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![Convincingly Economical](image)

**Convincingly Economical**

The operating costs of the DRYPOINT® XF in comparison

- **Conventional Heated Blower Dryer** without demand control
- **DRYPOINT® XFe** with demand control
- **DRYPOINT® XFi** with ecoinelligence

<table>
<thead>
<tr>
<th>Blower</th>
<th>Heater</th>
<th>Pressure loss</th>
<th>Purge Loss</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>40</td>
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<td>80</td>
<td>90</td>
<td>100</td>
<td>0</td>
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Costs in %
In addition to the more common dryer technologies typically employed in compressed air applications, BEKO Technologies also offers a complete range of customized heat regenerated systems. The pressure vessels used in this device are built according to the American Society of Mechanical Engineers (ASME) standard Section 8, Division 1.

**DRYPOINT® XF heated desiccant dryers**

**Controllers suited to your specific needs**

**BEKOTOUCH 2**

Features:
- Full touch screen controls
- Ethernet connection
- Compressor sync
- Alarm outputs
- Expandable input/output
- Demand control optional

**BEKOTOUCH 2 with ecoIntelligence**

Features:
- Demand control
- Autonomous smart adjustment to environment
- Adjustable user modes & preset PDP
- Full touch screen controls
- Ethernet connection
- Compressor sync
- Alarm outputs
- Expandable input/output

**DRYPOINT® XFe economy heated blower purge series**

with externally heated blower, high performance valves and BEKOTOUCH 2 interface, with approximate purge air consumption of 3%.

**DRYPOINT® XFi ecoIntelligent heated blower auto-purge series**

with environmentally aware, auto-adjusting ecoIntelligence software and BEKOTOUCH 2 interface, with approximate purge air consumption of 0-3%.

**DRYPOINT® ACH premium heated purge series**

with external heater and PLC controller, with approximate purge air consumption of 7%.
Truth in Compressed Air

We at BEKO Technologies develop, manufacture and distribute products and systems for an optimized compressed air and compressed gas quality throughout the world. From the processing of compressed air and compressed gas through filtration and drying, via the proven condensate technology to instruments for the quality supervision and measurement. From the small compressed air application to demanding process technology.

Since its founding, BEKO Technologies has continuously given decisive input to compressed air technology. Our ground breaking ideas have exerted considerable influence on the development of the compressed air industry. In order to keep this going, more than 10% of our employees work in research and development. With this potential and with our personal commitment, we at BEKO Technologies stand for trend-setting technologies, products and services.