

DRYPOINT® AC 119 – AC 196



Drying

The compact adsorption dryer

DRYPOINT® AC: Flexible. Efficient. Easy to service.
A proven concept taken to the next step.





The compact adsorption dryer for compressed air with a consistently high degree of drying

The DRYPOINT® AC 119 – AC 196 adsorption dryer (heatless regenerated) uses a premium desiccant to guarantee the steady supply of top-quality compressed air. The desiccant is filled in ready-to-use cartridges and extracts humidity from the compressed air down to a pressure dew point of -40 °C. An integrated compressed air post-filter safely strains out the desiccant dust. As a result, this

adsorption dryer helps to ensure a smooth and efficient production processes. Because the DRYPOINT® AC 119 – AC 196 is a genuine system solution, it provides yet another decisive advantage: Thanks to the combination of a CLEARPOINT® compressed air pre-filter with a BEKOMAT® condensate drain, the DRYPOINT® AC guarantees maximum safety.

+ High-quality compressed air

Low pressure dew point down to -40 °C

Consistently high degree of drying

+ Flexible installation

Multiport:
Adjustable inlet and outlet connections

Compact, space-saving design

Multi-voltage: Can be connected to any conventional power supply worldwide

Horizontal installation possible thanks to preloaded desiccant

+ Efficiency

Flow-optimised pre-filter for minimal pressure loss

Integrated compressor synchronous run for greater operating efficiency

Inlet filtration increases lifetime

Easy to service dryer design

A variety of installation options for flexible use



The DRYPOINT® AC 119 – AC 196 is compatible with a wide range of installation layouts and conditions thanks to the multiport. Simply by turning the multiport manifold, it is possible to adjust the position of the inlet and outlet airflow connections. Thanks to the preloaded desiccant the DRYPOINT® AC can be mounted both vertically and horizontally for a total of 20 different installation options.

The multi-voltage configuration makes it possible to connect the DRYPOINT® AC 119 – AC 196 directly to conventional power supplies, which means it is perfectly equipped for all over the world.

Efficiency and easy maintenance – all the benefits are yours

The DRYPOINT® AC 119–AC 196 provides you with a number of advantages. The energy-saving compressor synchronous run delivers a significant decrease in operating costs, as no purge air is used when the compressor is not in use. In addition, the low loss of pressure of just 0.35 bar on average including pre- and after-filter, reduces energy costs. The dryer's continuous monitoring and

control systems are also exceptionally reliable and cost-effective. The potential-free alarm contact makes it possible to monitor decentralized applications.

The DRYPOINT® AC is particularly easy to service during regular maintenance checks and when repairs are needed. For example, cartridges are quickly and easily replaced without any mess.

DRYPOINT® AC 119 – AC 196

Technical data	
Ambient temperature	1.5 ... 50 °C
Pressure dew point default setting	-40 °C
Air inlet temperature	1.5 ... 50 °C min./max.
Pressure range	4 ... 16 bar
Volume flow range	10.2 ... 119 m³/h
Max. relative humidity	80 % up to 31 °C, decreasing linearly to 50% relative humidity at 50 °C
Electric voltage range	100...240 VAC, 50 ... 60 Hz, 12 ... 24 VDC direct current Mains voltage must not exceed ±10% of the rated voltage.
Protection grade	IP 65



DRYPOINT®	AC 119	AC 122	AC 126	AC 136	AC 148	AC 171	AC 191	AC 196
Connection	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 3/8"	G 1/2"	G 1/2"
Volume flow (m³/h)	10.2	13.6	17	25.5	42.5	59.5	85	119

Dimensions

A (mm)	504	565	635	815	1065	1460	1065	1460
B (mm)	281	281	281	281	281	281	281	281
C (mm)	92	92	92	92	92	92	184	184
Weight (kg)	14	15	16.5	19.5	24	31	47	61

Volume flow information for PDP – 40 °C.

Operating pressure (bar)	4	5	6	7	8	9	10	11	12	13	14	15	16
Pressure correction factor	0.63	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	1.88	2.00	2.12

Temperature (°C)	35	40	45	50
Temperature correction factor	1.00	0.88	0.67	0.55



Compact design – impressive quality, efficiency and service

In combination with a CLEARPOINT® compressed air pre-filter and an optional BEKOMAT®, the DRYPOINT® AC 119 – AC 196 adsorption dryer (heatless regenerated) is a genuine system solution that guarantees maximum safety and performance. The DRYPOINT® AC uses a premium desiccant and integrated compressed air post-filtration to ensure the steady supply of top-quality compressed air. The

desiccant comes in ready-to-use cartridges and extracts humidity from the compressed air down to a pressure dew point of -40 °C. Thanks to the integrated compressor synchronous run and the option of decentralised monitoring using an alarm contact, this adsorption dryer helps to ensure a smooth and efficient production processes and stands out for its flexibility and easy maintenance.

- + High-quality compressed air**
- + Flexible installation**
- + Efficiency**

Quality with a system. Worldwide.

Here at **BEKO TECHNOLOGIES**, we develop, manufacture and sell products and systems for optimised compressed-air and compressed-gas quality worldwide. From the generation of compressed air and gases through to filtration and drying, from proven condensate technology through to quality-control instruments and measurement, from simple compressed-air applications through to sophisticated process technology.

Since it was founded, **BEKO TECHNOLOGIES** has been a major driving force behind compressed-air technology. Our pioneering ideas have been instrumental in the development of this field. Thanks to our potential and our personal commitment, we at **BEKO TECHNOLOGIES** stand for trailblazing technologies, products and services.

Our fields of competence

 <p>Drying DRYPOINT® EVERDRY®</p> <p>Significantly reduced operating costs with the application-optimized DRYPOINT® refrigerant, adsorption, and membrane dryers and the EVERDRY® heat-regenerated adsorption dryers.</p>	 <p>Filtration CLEARPOINT®</p>  <p>Condensate technology BEKOMAT® ÖWAMAT® BEKOSPLIT®</p>  <p>Service</p>	 <p>Measurement technology METPOINT®</p>  <p>Process technology BEKOBLIZZ® BEKOKAT®</p>
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