



BEKOBLIZZ[®] DC
OPTIMIZED SUPER COOLING
WITH DRY DEEP COLD
COMPRESSED AIR

HIGH QUALITY COMPRESSED AIR FROM BEKO

The quality of your compressed air.

RELIABLE

The highest level of operational reliability is guaranteed with every product that BEKO manufactures.

EFFICIENT

Maximum energy efficiency and conservation are guiding principles of every product design.

ECONOMIC

Products that provide the quickest return on investment in the industry with the least amount of risk.

EFFECTIVE

German engineered with no compromises on quality.

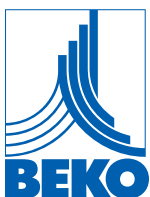
EXPERIENCE

More than 25 years of industry leading experience stands behind our entire product offering.

SOLUTIONS

Your single source for a range of performance compressed air products designed to work in synergy.

Compressed air treatment and condensate technology.



BEKO TECHNOLOGIES CORP

900 Great SW Parkway Phone +1 (800) 235-6797
Atlanta, GA 30336 beko@bekousa.com
USA www.bekousa.com



INCREASED PRODUCTIVITY USING COLD, DRY HIGH-QUALITY COMPRESSED AIR

The challenge: Capacity bottle-necks, increasing cost pressure and rising quality requirements are all demands which require the most modern plant engineering available, both in the high-tech field and in harsh industrial application. In many production processes cooling is often critical.

The solution: Increased economic viability and better quality. BEKOBLIZZ® is the deep-cooling system which delivers extremely dry compressed air at very low temperatures constantly down to below -31 °F / -49 °F with the latest in state-of-the-art technology.

The result: You will considerably speed up and optimise your production processes with the simple integration of BEKOBLIZZ®. A particular strength of the system lies in its simplicity. BEKOBLIZZ® saves time and money.



+1:

REDUCTION OF CYCLE TIMES

Super cooled air allows for higher operational capacities of machinery

+2:

INCREASES PRODUCTIVITY

Even cooling of the part causes fewer production defects

+3:

DECREASED EXPENSES

Avoid having to use costly compressed gas solutions (CO₂ or N₂)

+4:

FULLY AUTOMATED

Advanced controls and a variety of safety features ensure "hands-off" operation

+5:

FAST ECONOMIC PAYBACK

The increased capacities in manufacturing typically generate a payback in 3 months

Technical highlights also include:

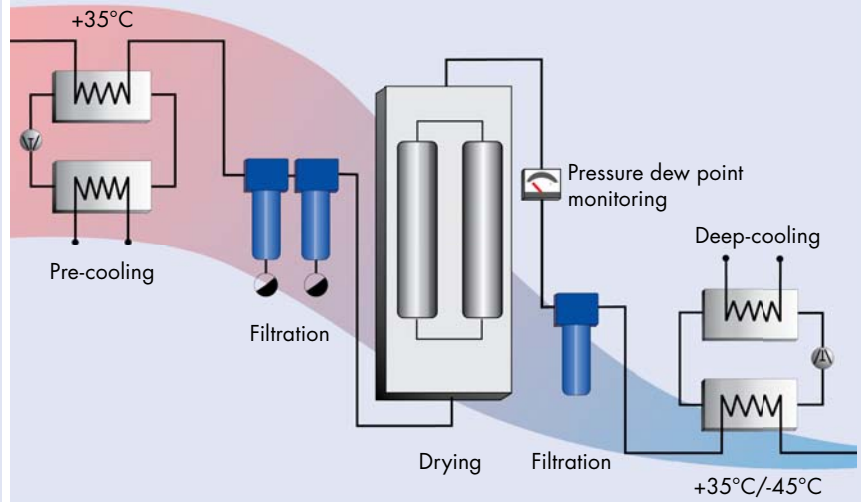
- intelligent, three-stage system technology for constant performance values in continuous load operation, even with fluctuating operation conditions
- high performance heat exchangers
- electronically controlled self-regulating refrigeration circuits
- three-stage compressed air filtering in accordance with DIN ISO 8573
- effective compressed air drying
- permanent electronic pressure dew point monitoring
- the most modern SPS controller with plain text display for calling up all operational parameters
- self-monitoring electronic BEKOMAT® condensate drain
- potential-free indicator contacts
- environmentally-friendly refrigerants
- low noise
- maximum safety standards
- maintenance-friendly plant concept

TECHNICAL DATA

BEKOBLIZZ® DC



Two advantages: Dry deep cooled compressed air shortens the production cycles and improves quality at the same time.



BEKOBLIZZ®	Max. Vol. flow ¹ at intake scfm	Max. Vol. flow ¹ at outlet scfm	Outlet temp °F	Max. system pressure bar psi	Electrical power consumption ² scfm	Cooling water consumption ² scfm	Compressed air connections
016-N2-25	9	9	-13	5079	1.8	0.29	¼" ³
120-W1-35	85	71	-31	232	3.4	0.32	1"
240-W2-35	171	141	-31	232	6.8	0.65	1½"
410-W2-35	290	241	-31	232	8.9	0.96	1½"
270-W2-45	199	159	-49	232	9.7	0.81	1½"
410-W2-45	302	241	-49	232	13.1	1.28	1½"

¹Air volume flows based on +68 °F and 14.5 psia.

²Cooling water consumption based on +68 °F intake temperature

³Nitrogen-connection

Other sizes and power supplies on request. Subject to technical changes, errors cannot be ruled out.

Compressed air (intake)	Pressure: 102 psi Temperature: +95 °F
Power supply	460 V / 3Ph / 60Hz
Compressed air quality (intake)	also oil-containing and 100% saturated compressed air
Noise level	< 65 dB(A)
Pressure vessel	TÜV-approved for alternating pressure operation