



Hydrocarbon Catalytic Systems

BEKOKAT®

for generating oil-free and bacteria-free compressed air



Truth in Compressed Air.

BEKOKAT® Hydrocarbon Catalytic Systems

At a Glance

Hydrocarbons are present in every compressed air stream even if you use oil-free compression due to the re-entry of hydrocarbons from the ambient air. Additionally, oil-free compressors are costly and not without potential failures (e.g. main crankcase seal failure) that can be catastrophic to an application. The only way to truly guarantee oil-free air (ISO 8573-1, Class 1) is through supplementary processing and assistance from a catalyst to break down hydrocarbon molecules in the compressed air stream.

Features and Benefits

+ Oil-free Compressed Air

Continuously produced from any compressor type down to 0.003 mg/m³

+ Germ-free Compressed Air

Generates amicrobic and spore-free air in accordance with ISO 8573-7

+ Independent of Conditions

Stable residual oil content and independent from any ambient hydrocarbon content

+ Partial Load Operation

Maximum process reliability regardless of production fluctuations

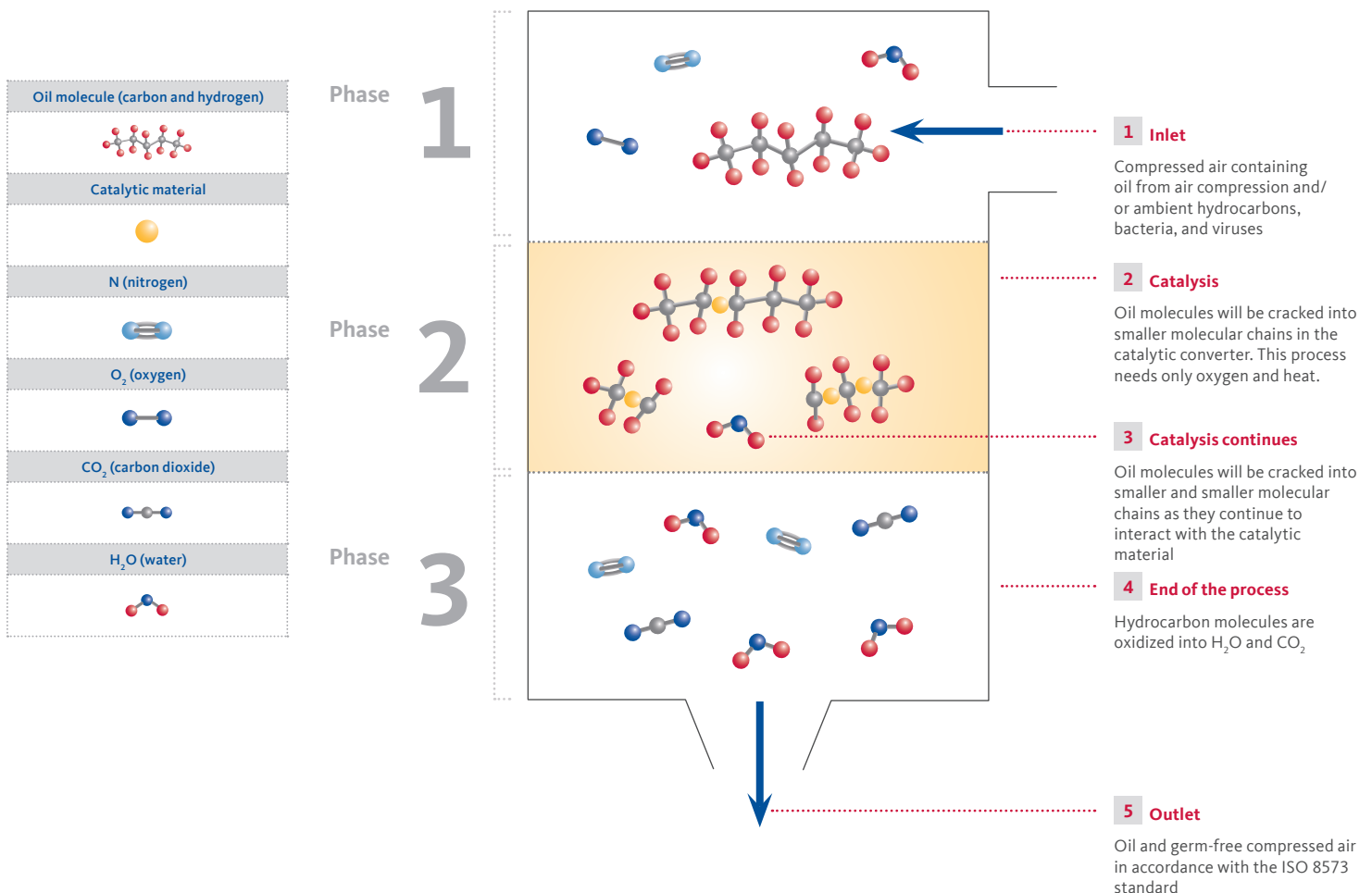
+ Responsive Controls

Ensures machine safety and operational accuracy

+ Self Recovery

Self Recovery even after increased oil carry over (e.g. oil filter failure)

How it Works

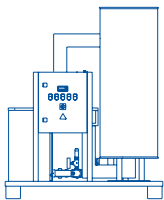


BEKOKAT® Hydrocarbon Catalytic Systems

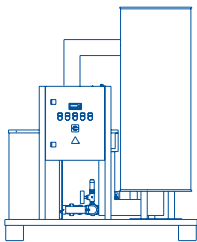
Compare



CC 035 - CC 070



CC 105 - CC 425



CC 705

Flow Rates

35 - 70 scfm

105 - 425 scfm

705 scfm

Standard Operating Pressure

232 psig

232 psig

160 psig

Standard Operating Voltage

230 Vac | 1 Ph | 60 Hz

460 Vac | 3 Ph | 60 Hz

460 Vac | 3 Ph | 60 Hz

Power Consumption

Stand-by: 0.0992 - 0.1115 kW
Full Load: 0.52 - 0.86 kW

Stand-by: 0.1594 - 0.2400 kW
Full Load: 1.33 - 3.26 kW

Stand-by: 0.2520 kW
Full Load: 3.75 kW

ISO 8573 Air Quality Class | TÜV Certified to Meet Class 1

Class 1 | Yes

Class 1 | Yes

Class 1 | Yes

Available Options

Cover3More extended warranty

Cover3More extended warranty

Cover3More extended warranty

Product Family

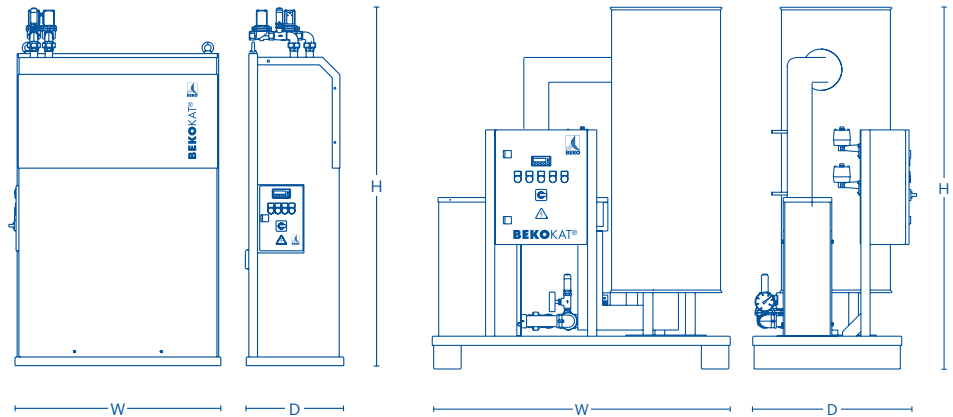


■ Technical Details

BEKOKAT® Catalytic Conversion Systems

for complete oil and germ removal from compressed air up to 700 scfm with a single unit

- › Attainable residual oil at outlet: ≤ .003 mg/m³
- › Oil-free air independent from ambient conditions
- › Produces germ-free, sterile air
- › ISO 8573-1, Class 1 certified
- › Min. / max. ambient conditions: 41 °F / 113 °F
- › Min. / max. inlet air temperature: -41 °F / 131 °F
- › Max. operating pressure: CC 035-425: 232 psig | CC 705: 160 psig



BEKOKAT®	CC035	CC070	CC 105	CC 210	CC 425	CC 705
Flow Rate (scfm)	35	70	105	210	425	705
Pipe Size (NPT)	1"	1"	1¼"	1½"	2"	2½"
Installed Power (kW)	1.00	1.64	2.60	5.10	8.70	13.80
Power Consumption (Stand-by kW)	.0992	.1115	.1594	.1474	.2400	.2520
Power Consumption (Full Load kW)	.52	.86	1.33	2.17	3.26	3.75
Dimensions and Weight						
H x W x D (inches)	68 x 32 x 17	68 x 37 x 18	57 x 37 x 21	62 x 51 x 28	69 x 61 x 34	85 x 65 x 41
Weight (lbs)	286	440	605	693	1,157	1,774

Correction Factor

Operating Pressure (psig)	20	40	60	80	90	100	110	120	130	140	160	180	200	230
Correction Factor	.30	.48	.65	.82	.91	1.00	1.09	1.17	1.26	1.35	1.52	1.70	1.87	2.13

Differential Pressure

Differential Pressure at 100% Load	CC 035	CC 070	CC 105	CC 210	CC 425	CC 705
psid	4.35	4.35	8.70	8.70	13.05	8.70

Differential Pressure at 50% Load	CC 035	CC 070	CC 105	CC 210	CC 425	CC 705
psid	1.45	1.45	2.18	2.90	3.60	3.04



+3
Years on all
Products

ask your
**sales
representative**
for complete details
and extend your full
warranty today

Cover3More Extended Warranty Program

We give you more: In addition to a robust, standard 2-year warranty on BEKO Technologies products, we offer our customers the option of extending the standard warranty even further with the **Cover3More** program – a low cost, all-encompassing, and simple warranty extension program.

- › Extends the standard factory warranty for an additional 3-years
- › May be purchased at any time up to 18-months post-sale
- › Can be applied to stocked or installed products
- › No hassle and easy to calculate without any hidden costs

Secure your future with a minimal investment. The **Cover3More** extended warranty program from BEKO Technologies ensures that your investment is covered for a total of 5-years at a nominal cost.

- › Applicable to all product lines
- › 2-year standard warranty covers parts and labor
- › 3-year extended warranty covers parts only, no parts restrictions
- › Significantly reduces your risk of having unexpected costs

Cover3More on the Following Product Lines

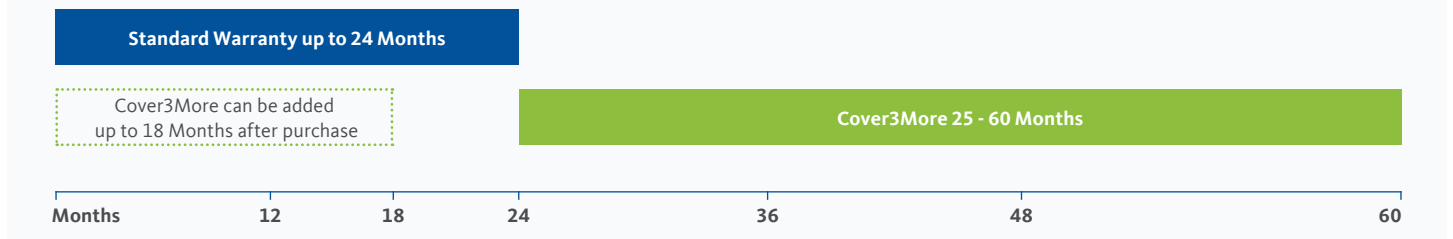
DRYPOINT® RA	Refrigerant Air Dryers	BEKOMAT®	Zero Air Loss Drains
DRYPOINT® X / AC	Desiccant Air Dryers	QWIK-PURE®/ÖWAMAT®	Oil-water Separators
DRYPOINT® M	Membrane Air Dryers	METPOINT®	Instrumentation
CLEARPOINT®	Filters and Water Separators	BEKOKAT®	Hydrocarbon Removal Systems

Reliability you can count on: With the Cover3More extended warranty program, BEKO Technologies not only lengthens the standard warranty period by 3-years from the installation date, but also draws on the company's vast compressed air industry experience to quickly resolve any product problems you may experience in the least disruptive way possible, thereby keeping downtime to an absolute minimum. Should a repair be required, it will be handled by qualified, authorized personnel, and only original parts will be used.

All maintenance procedures, including filter element changes, must be carried out in accordance with the manual in order to maintain any warranty.

Cover3More Extended Warranty Program

Compare



How it Works

- 1 Select the product or products that you wish to cover with the extended warranty.
- 2 Contact your BEKO Technologies sales representative to help calculate your final net price for extended coverage.
- 3 Include the information received along with your purchase order or purchase the warranty extension up to 18-months post-sale.

What we need from you: It's not much. In fact, if you are purchasing the Cover3More extended warranty with a new equipment purchase, all you have to do is include a line item on your order indicating which items you wish you cover, and we will take care of the rest. If you happen to be adding coverage to a product you've already taken delivery of, then all we need is the company name and contact information of the original purchaser, the product model number of the product to be covered, serial number, and original purchase order number or BEKO Technologies invoice number, and we will apply coverage appropriately. **Please feel free to contact us at +1 (800) 235-6797 to get started.**

What's in the fine print: The optional 36-month warranty extension (i.e. Cover3More) is a limited extended warranty that covers parts only from months 25-60.

However, all of the aforementioned installation, performance, and quality requirements must still be met in order to maintain extended warranty coverage. Failure to do so will render all warranties null and void.

The limited extended warranty coverage may be purchased and applied to any of the BEKO Technologies product lines included in the scope of the Cover3More extended warranty program from the original date of purchase from BEKO Technologies to 18-months thereafter.

Extended warranty coverage may not be purchased during the final 6-months of the standard warranty coverage, which are months 19-24 from the date of shipment or at BEKO Technologies' discretion, the date of installation.

The purchase price of the Cover3More limited extended warranty is not prorated and the current published purchase price is always applied.

Should the extended warranty coverage be purchased post-delivery or post-sale, then the serial number of all products to which the warranty shall be extended must be provided to BEKO Technologies at the time of purchase of the extended warranty.

Reliable | Efficient | Innovative

What can we do for you?



BEKO TECHNOLOGIES CORP.
900 Great Southwest Pkwy SW
Atlanta, GA 30336
USA

Phone +1 (404) 924-6900
Fax +1 (404) 629-6666
www.bekousa.com

