

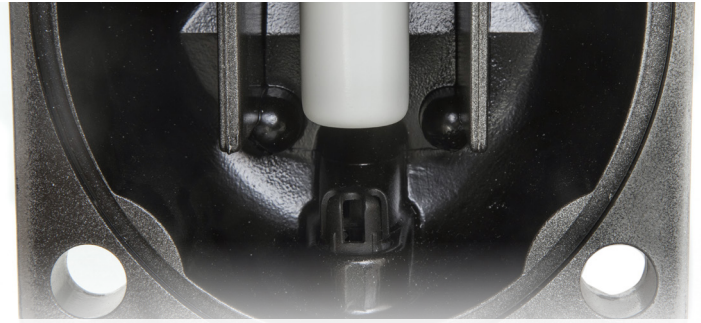
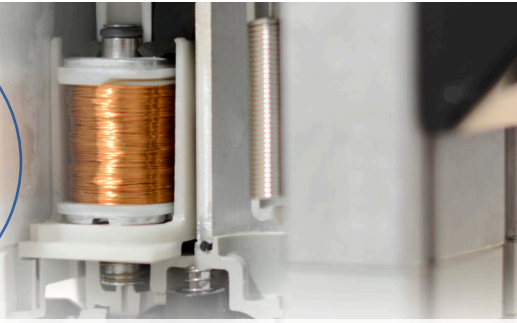


BEKOMAT®

intelligent condensate drainage with true zero air loss



BEKOMAT® Condensate Drains

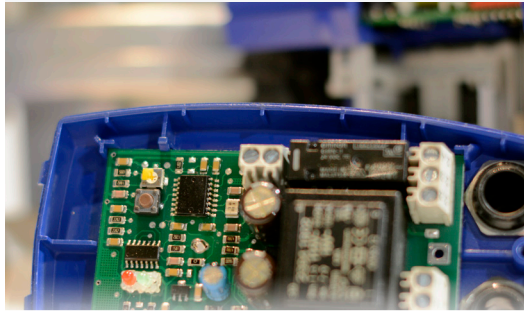


Energy Savings

Maximum energy savings is achieved from the patented operation that guarantees true zero air loss.

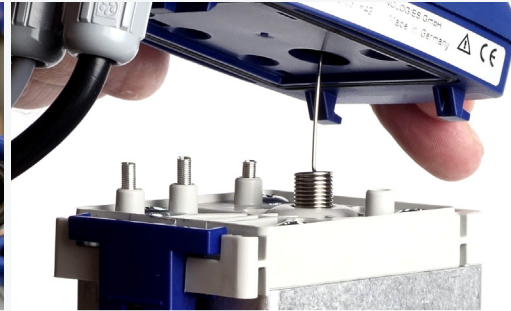
Reliability

An integrated sieve eliminates concerns about dirt, Y-strainers, and extra maintenance giving you the highest level of reliability.



Intelligence

The electronic control board and sensor ensure intelligent operation at all times with the ability to automatically clear clogs and debris.



Maintenance

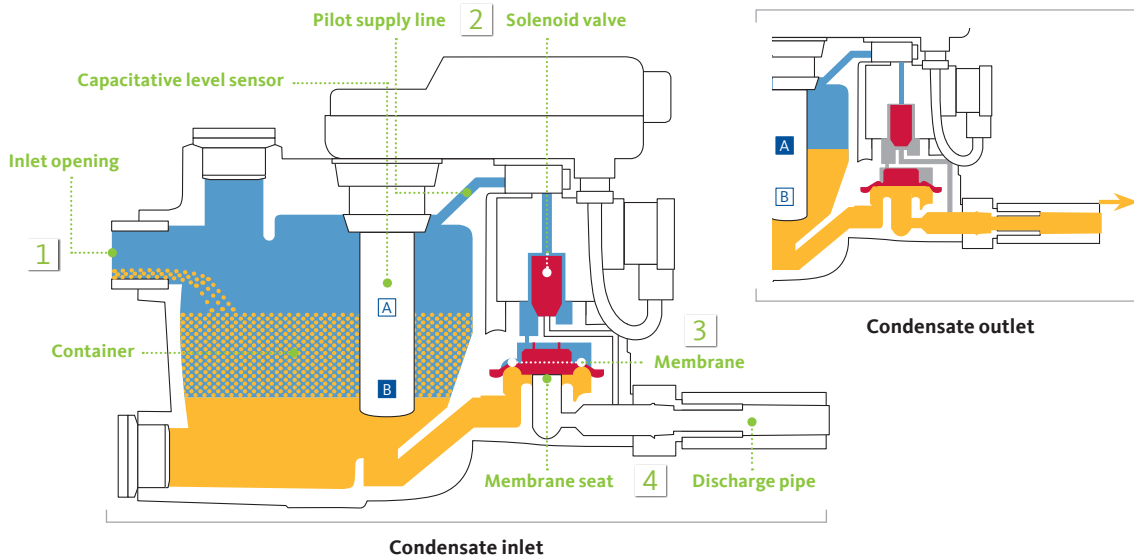
Maintenance time and costs are kept to an absolute minimum with a quick and easy procedure consisting of just one part.



Trustworthy

With BEKO-Inside, you can rely on the global leader in condensate technology trusted by more equipment manufacturers than any other brand.

How it Works



Click or scan to watch on



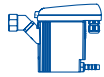
YouTube

1. The condensate trickles through the inlet opening and collects in the container.
2. Initially, the valve is closed as, via the pilot supply line and the solenoid valve, pressure differential above the membrane is affected. The larger surface area above the membrane results in a high closing force. The membrane seat remains closed and leak-proof.
3. When the container is filled with condensate, so that the capacitive level sensor gets a signal at the maximum point, the solenoid valve switches over and the area above the membrane is vented.
4. As a result of the decreasing pressure above the membrane, the membrane lifts off the membrane seat and the overpressure in the housing forces the condensate into the discharge pipe.

BEKOMAT® Condensate Drains

Condensate is a by-product of the air compression process and can be aggressive, pollutant-loaded, and/or contain oil. It exists in every compressed air application and is something that must be continuously managed. Condensate drains remove the liquids and are an often overlooked component of the compressed air chain, yet when left unchecked can cause poor part quality, machine damage, and even bodily injury to employees. Drainage points are also one of the system areas where energy waste is highest.

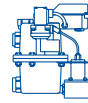
Compare



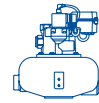
Standard Line
Standard Pressure Series



PN and E Lines
High Pressure Series



CV and NLV Lines
Centrifugal Compressor Series



Specialty Lines
Large Volume Series

Standard Minimum / Maximum Operating Pressure

12 - 232 psig

12 - 912 psig

0 - 360 psig

1.45 psia - 232 psig

Standard Minimum / Maximum Operating Temperature

33 - 140 °F

33 - 140 °F

33 - 140 °F

33 - 140 °F

Compressor Flow Rate

100 - 50,000 scfm

280 - 50,000 scfm

2,000 - 50,000 scfm

4,500 - 200,000 scfm

Typical Application Areas

At the compressor, dryer, and filter

High pressure systems or with highly aggressive condensate

For use with centrifugal compressors

Large volume applications, explosive atmospheres, and vacuum systems

Diaphragm Material

Viton®

Viton®

Viton®

Viton®

Maintenance Part Type

Service unit or wearing parts kit

Wearing Parts Kit

Wearing Parts Kit

Wearing Parts Kit

Available Options

Heater, Insulation sleeve or shell, Cover3More extended warranty

Heater, Insulation sleeve or shell, Cover3More extended warranty

Heater, Cover3More extended warranty

12 Vdc intrinsically safe power supply, Isolation amplifier, Heater, Cover3More extended warranty

Product Family



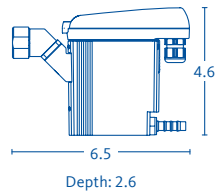
BEKOMAT® Standard Units



BEKOMAT® Specialty Units

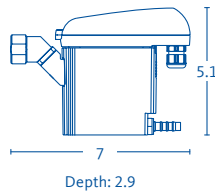
BEKOMAT® Standard Condensate Drains for standard pressure

- › Automatic zero loss drain
- › Standard Viton® diaphragm
- › UL/CSA approved
- › Min. / max. operating temperature: 33 °F / 140 °F
- › Standard voltage:
 - BEKOMAT® 31-33: 95-240 VAC 50/60 Hz /100-125 VDC
 - BEKOMAT® 13-16: 115 VAC
- › Optional voltages:
 - BEKOMAT® 31-33: 18 - 72 VDC, 24 - 48 VAC
 - BEKOMAT® 13-16: 24 VAC/DC, 230 VAC 50/60 Hz



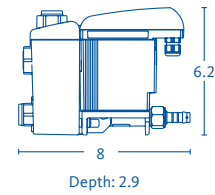
Depth: 2.6

Aluminum housing
- without dry contact



Depth: 2.9

Aluminum housing

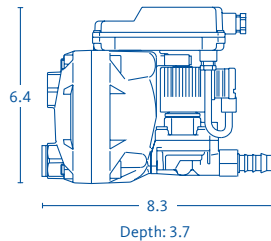


Depth: 2.9

Aluminum housing

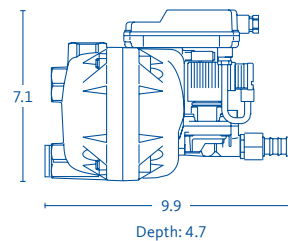
Aluminum housing
+ hard coating

BEKOMAT®	31	32	33	33 CO
Connection (NPT)	1 x 1/2"	1 x 1/2"	3 x 1/2"	3 x 1/2"
Min. / Max. Pressure (psig)	12 / 232	12 / 232	12 / 232	12 / 232
Compressor Flow Rate (scfm)	100	225	500	500
Dryer Flow Rate (scfm)	200	450	1000	1000
Filter Flow Rate (scfm)	1000	2250	5000	5000



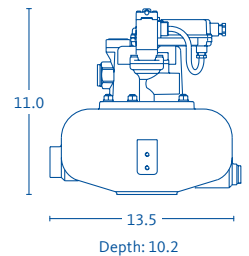
Depth: 3.7

Aluminum housing



Depth: 4.7

Aluminum housing
+ hard coating



Depth: 10.2

Aluminum housing

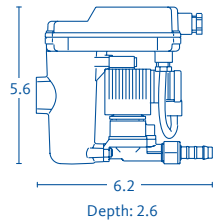
Aluminum housing
+ hard coating

Aluminum housing
+ hard coating

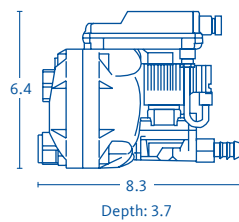
BEKOMAT®	13	13 CO	14	14 CO	16 CO
Connection (NPT)	2 x 1/2"	2 x 1/2"	3 x 3/4"	3 x 3/4"	2 x 3/4" / 1 x 1"
Min. / Max. Pressure (psig)	12 / 232	12 / 232	12 / 232	12 / 232	12 / 232
Compressor Flow Rate (scfm)	1300	1300	5400	5400	50000
Dryer Flow Rate (scfm)	2600	2600	10800	10800	100000
Filter Flow Rate (scfm)	13000	13000	54000	54000	500000

BEKOMAT® PN and E Series Condensate Drains for high pressure systems

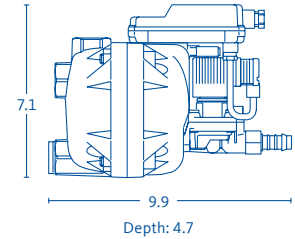
- › Automatic zero loss drain
- › Standard Viton® diaphragm
- › Min. / max. operating temperature: 33 °F / 140 °F
- › Standard voltage: 115 VAC
- › Optional voltages:
24 VAC/DC, 230 VAC 50/60 Hz



Aluminum housing
+ hard coating & high pressure

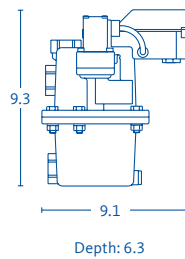


Aluminum housing
+ hard coating & high pressure

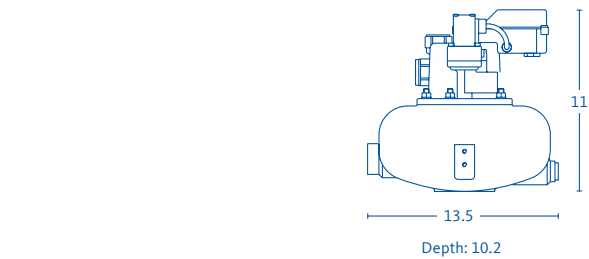


Aluminum housing
+ hard coating & high pressure

BEKOMAT®	12 CO PN 63	13 CO PN 50	14 CO PN 25
Connection (NPT)	1 x 1/2"	2 x 1/2"	3 x 3/4"
Min. / Max. Pressure (psig)	12 / 912	12 / 725	12 / 360
Compressor Flow Rate (scfm)	280	1300	5400
Dryer Flow Rate (scfm)	560	2600	10800
Filter Flow Rate (scfm)	2800	13000	54000



Stainless Steel housing
+ high pressure



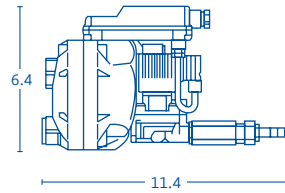
Stainless Steel housing
+ high pressure

Stainless Steel housing
+ high pressure

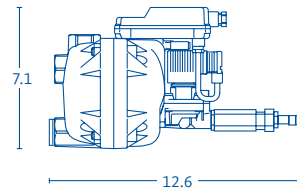
BEKOMAT®	3 E 25	3 E 63	6 E 25
Connection (NPT)	3 x 3/4"	3 x 3/4"	2 x 3/4" / 1 x 1"
Min. / Max. Pressure (psig)	12 / 360	12 / 912	12 / 360
Compressor Flow Rate (scfm)	4500	4500	50000
Dryer Flow Rate (scfm)	9000	9000	100000
Filter Flow Rate (scfm)	45000	45000	500000

BEKOMAT® CV and NLV Series Condensate Drains for centrifugal compressors

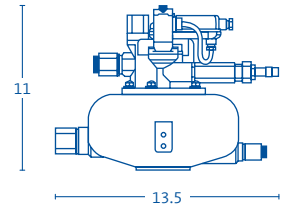
- › Automatic zero loss drain
- › Standard Viton® diaphragm
- › Min. / max. operating temperature: 33 °F / 140 °F
- › Standard voltage: 115 VAC
- › Optional voltages:
24 VAC/DC, 230 VAC 50/60 Hz



Aluminum housing
+ check-valve set

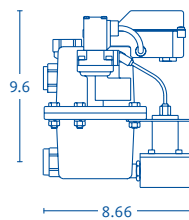


Aluminum housing
+ check-valve set



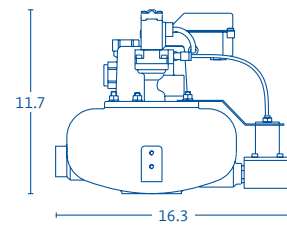
Aluminum housing
+ check-valve set & hard coating

BEKOMAT®	13 CV	14 CV	16 CO CV
Connection (NPT)	2 x ½"	3 x ¾"	2 x ¾" / 1 x 1"
Min. / Max. Pressure (psig)	12 / 232	12 / 232	12 / 232
Compressor Flow Rate (scfm)	2000	8000	50000
Dryer Flow Rate (scfm)	4000	16000	100000
Filter Flow Rate (scfm)	20000	80000	500000



Depth: 6.30

Aluminum housing
+ no load valve & hard coating



Depth: 10.2

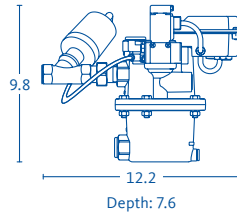
Aluminum housing
+ no load valve & hard coating

BEKOMAT®	3 CO NLV	6 CO NLV
Connection (NPT)	3 x ¾"	2 x ¾" / 1 x 1"
Min. / Max. Pressure (psig)	0 / 360	0 / 232
Compressor Flow Rate (scfm)	6000	50000
Dryer Flow Rate (scfm)	12000	100000
Filter Flow Rate (scfm)	60000	500000

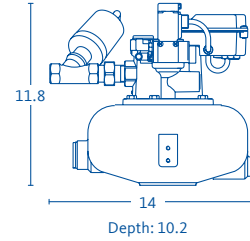
BEKOMAT® Specialty Condensate Drains

for low pressure and vacuum systems, and explosive atmospheres

- › Automatic zero loss drain
- › Standard Viton® diaphragm
- › Min. / max. operating temperature: 33 °F / 140 °F
- › Standard voltage: 115 VAC or 12 VDC (EX series only)
- › Optional voltages:
 - 24 VAC/DC, 230 VAC 50/60 Hz

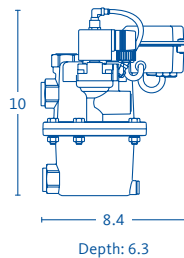


Aluminum housing
+ hard coating



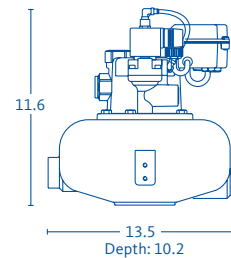
Aluminum housing
+ hard coating

BEKOMAT®	3 CO V	6 CO V
Connection (NPT)	1 x ¾"	1 x ¾"
Min. / Max. Pressure (psia)	1.45 / 26	1.45 / 26
Compressor Flow Rate (scfm)	4500	50000
Dryer Flow Rate (scfm)	9000	100000
Filter Flow Rate (scfm)	45000	500000



Aluminum housing
+ hard coating

Stainless Steel housing



Aluminum housing
+ hard coating

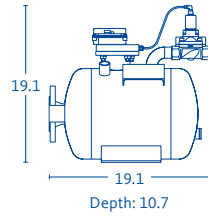
Stainless Steel housing

BEKOMAT®	3 CO EX	3 E EX	6 CO EX	6 E EX
Connection (NPT)	3 x ¾"	3 x ¾"	2 x ¾" / 1 x 1"	2 x ¾" / 1 x 1"
Min. / Max. Pressure (psig)	12 / 232	12 / 232	12 / 232	12 / 232
Compressor Flow Rate (scfm)	4500	4500	50000	50000
Dryer Flow Rate (scfm)	9000	9000	100000	100000
Filter Flow Rate (scfm)	45000	45000	500000	500000

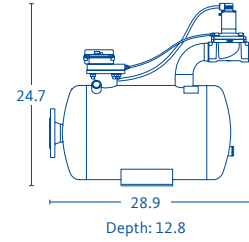
BEKOMAT® Large Capacity Condensate Drains for large capacity compressors

- › Automatic zero loss drain
- › Standard Viton® diaphragm
- › Min. / max. operating temperature: 33 °F / 140 °F
- › Standard voltage: 110 VAC

Maintenance Interval: < 8,000 hours
Maintenance and Spare Parts: Page 110
Extended Warranty: Page 144



Stainless steel housing + potential contact



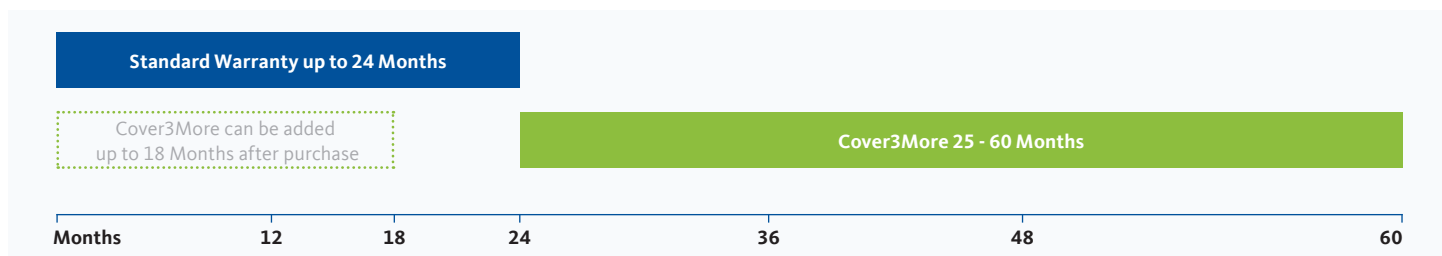
Stainless steel housing + potential contact

BEKOMAT®	8	9
Connection (Flanged)	2"	2"
Min. / Max. Pressure (psig)	7.5 / 143	7.5 / 60
Compressor Flow Rate (scfm)	330500 to 500000	850000 to 1050000

+3
Years on all
Products

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

At a Glance



Cover3More is available on all our 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

How it Works

1. Select the product or products that you wish to cover with the extended warranty.
2. Simply add 8% to the net price of each product or call your sales representative if you need help calculating your final net price.
3. Include this information as a line item 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.**

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

■ Compare

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
- › 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.

- › 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

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.

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?



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