



Condensate Processing

QWIK-PURE® / ÖWAMAT®

highly efficient and economic condensate separation

QWIK-PURE® / ÖWAMAT® Oil-water Separators

■ At a Glance

The disposal of air compressor lubricant carryover in condensate is a concern, as is the variety of regulations across the country. Installation of an oil-water separator is simple. The oily condensate from each drain valve is individually piped to a depressurization chamber to reduce pressure to atmospheric. The clean water is then piped into a waste water drain. The separated oil is contained within the cartridge and/or held in a collection vessel for proper disposal.

■ Features and Benefits

+ Simplified Service

Lightweight, easy to change cartridge and the exterior remains clean and dry (no dirty hands)

+ Unique Adsorption Material

Advanced filling material that is extremely light, not messy and has increased performance

+ Reliable Operation

Works well with all lubrication types including Polyglycol lubricants

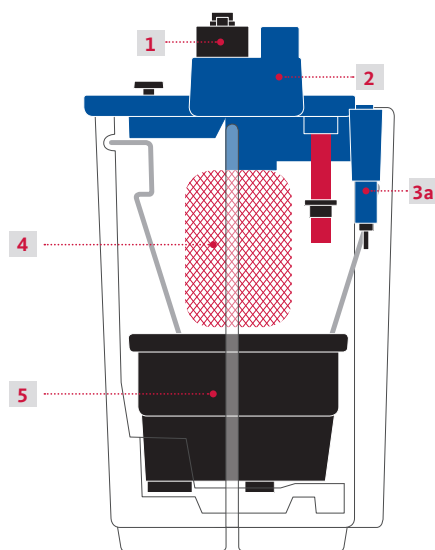
+ Environmentally Safe

Cartridge can be disposed of normally and is safe for any sanitary land-fill

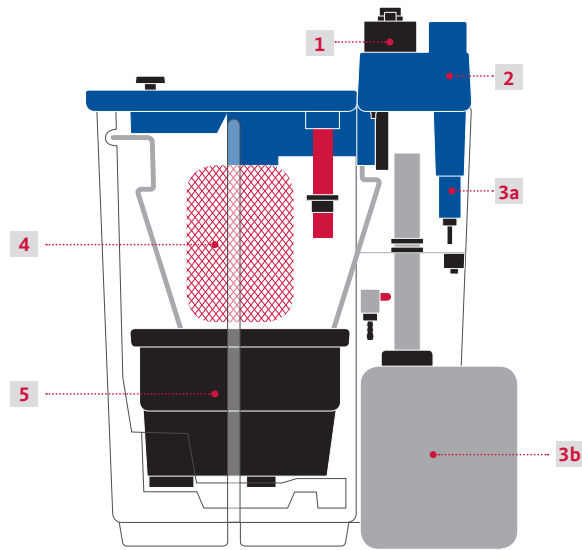
+ Future Proof

Easy expansion with specifically designed accessories

■ How it Works



QWIK-PURE® Function



ÖWAMAT® Function

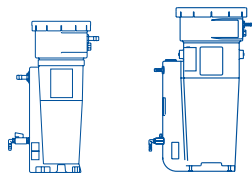
For the processing, the oil-containing condensate first flows under pressure into the pressure relief chamber [1]. Here, the pressure is reduced without causing turbulence in the downstream separation tank for the separation of free oils [2]. Any entrained coarse dirt particles are retained in a removable receiver [3a]. Applicable only to the ÖWAMAT line, in the separating tank, the oil settles on the surface of the effluent as a result of gravity separation and is fed into the spill-proof oil receiver [3b].

The filter makes the difference: The condensate then flows through the oleophilic prefilter [4], which boasts a large active filtering surface. With a flow from the inside to the outside, it binds the remaining oil droplets and also absorbs any residual floating oil in the filter chamber. However, at the core is the OEKOSORB® primary filter with cartridge technology [5]: here, residual oil fractions are reliably retained. What remains is water which may be directly introduced into the sewer system.

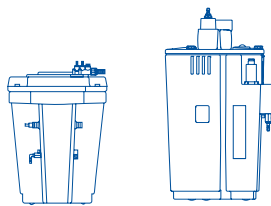


QWIK-PURE® / ÖWAMAT® Oil-water Separators

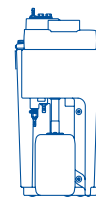
Compare



QWIK-PURE® 25 & 50



QWIK-PURE® 100 - 350



ÖWAMAT® 12 - 16

Flow Rates

45 - 225 scfm	270 - 7,200 scfm	60 - 8,400 scfm
---------------	------------------	-----------------

Suitable Lubricant Types

All - incl. Polyglycol lubricants	All - incl. Polyglycol lubricants	Mineral oils PAO/Diester oils
-----------------------------------	-----------------------------------	----------------------------------

Separation Type

Direct to filter	Direct to cartridge	Pre-separation with direct to cartridge
------------------	---------------------	---

Cartridge Based System

No	Yes	Yes
----	-----	-----

Available Options

High pressure relief chamber, Alarm sensor, Multiple inlet adapter, Flow splitter, Spill protection basin, Cover3More extended warranty	High pressure relief chamber, Alarm sensor, Multiple inlet adapter, Flow splitter, Spill protection basin, Cover3More extended warranty	High pressure relief chamber, Alarm sensor, Multiple inlet adapter, Flow splitter, Spill protection basin, Cover3More extended warranty
---	---	---

Product Family



QWIK-PURE® 50



QWIK-PURE® 100

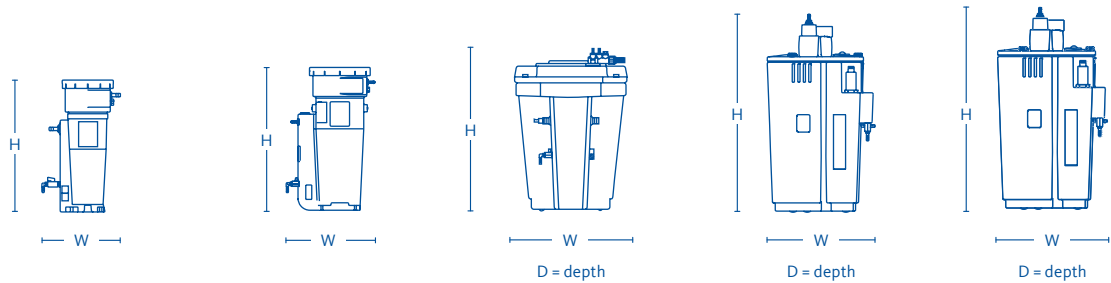


ÖWAMAT® 14

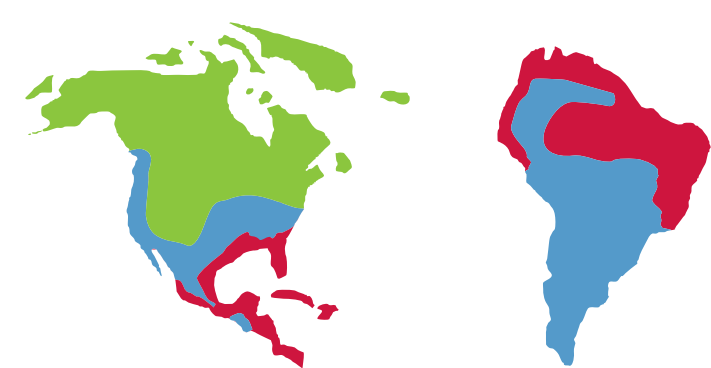
■ Technical Details

QWIK-PURE® High-Efficiency Oil-Water Separators
with direct to cartridge filtration

- › New filling material that increases performance
- › Works well with all lubricant types
- › Lightweight easy to change cartridge
- › Min. / max. ambient temperature: 41 °F / 140 °F
- › Max. condensate temperature: 140 °F
- › Max. operating pressure: 232 psig



QWIK-PURE®	25	50	100	200	350
Condensate feed	2 x ½"	2 x ½"	3 x ½" 1 x 1"	3 x ½" 1 x 1"	3 x ½" 1 x 1"
Cartridge Capacity (gal)	1 x 1.3	1 x 2.4	1 x 5.2	1 x 4.9 1 x 5.3	1 x 9.8 1 x 10.7
Tank Capacity (gal)	2.6	4.9	17.7	30.51	60.34
Filling Capacity (gal)	1.1	3.1	12.4	19.15	36.24
Dimensions and Weight					
H x W x D (inches)	21 x 8	23 x 15	26 x 18 x 21	44 x 23 x 21	47 x 28 x 26
Weight (lbs)	7.7	12.7	24.5	70.6	92.6
Max. Compressor Horsepower Rotary Screw Compressor					
Mineral Oils	25	50	100	200	350
PAO / Diestrer Oils	20	35	75	130	210
Polyglycol Oils	15	25	50	100	175



CLIMATE ZONE CORRECTION FACTOR	
COOL / MILD	1.00
MEDIUM / ARID	.90
HOT / TROPICAL	.70

FILTER CARTRIDGE LIFE CYCLE*	
1 Shift	10-14 months
2 Shifts	8-12 months
3 Shifts	5-9 months

* Ranges are approximate

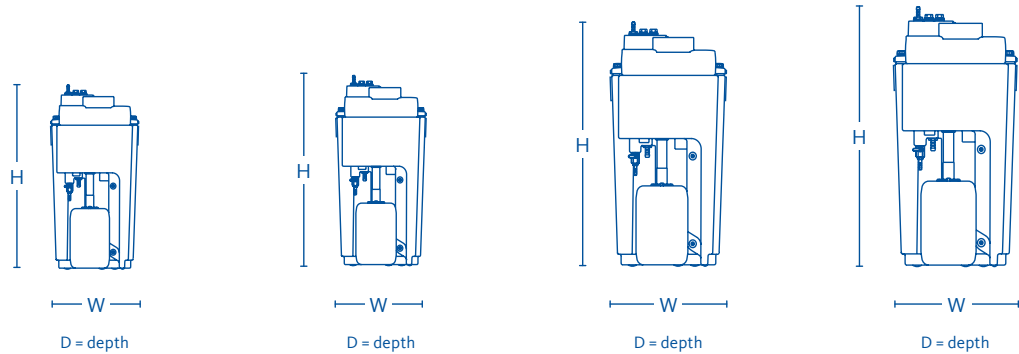
To use the sizing chart, first locate the closest applicable compressor horsepower value (for multiple compressors use the total system horsepower) of your compressed air system. Locate the row with the appropriate compressor lubricant for your particular application (i.e mineral oil) and you will instantly know the correct QWIK-PURE® model size for your compressor type. Multiply the compressor maximum compressor horsepower by the climate zone correction factor based on the location of your application.

Capacity tests and our long-term experience have enabled us to make locational adjustments to our capacity figures by taking global climate data into account. Regions in the southern United States (i.e San Antonio, TX) are subject to higher temperature and humidity levels throughout the year, which can yield different condensate treatment requirements. Therefore, if you feel that your regional location may have a significant impact on the application or installation, please consult your BEKO Technologies representative for details.

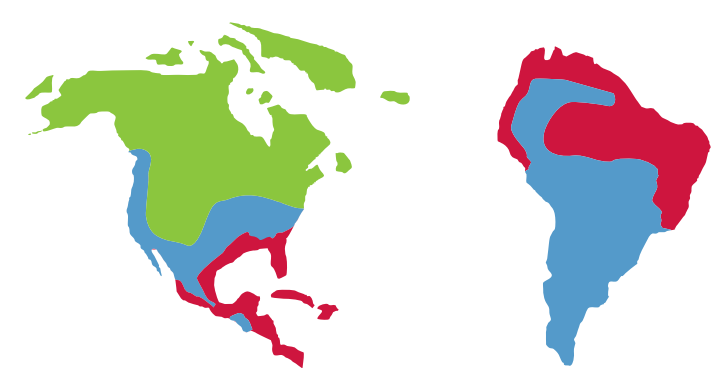
■ Technical Details

ÖWAMAT® Gravity Oil-Water Separators
with gravity pre-separation and cartridge filtration

- › New filling material that increases performance
- › Works with condensate mixtures only
- › Lightweight easy to change cartridge
- › Min. / max. ambient temperature: 41 °F / 140 °F
- › Max. condensate temperature: 140 °F
- › Max. operating pressure: 232 psig



ÖWAMAT®	12	14	15	16
Condensate Feed	3 x ½" 1 x 1"	3 x ½" 1 x 1"	3 x ½" 1 x 1"	3 x ½" 1 x 1"
Cartridge Capacity (gal)	1 x 0.7 1 x 1.4	1 x 1.8 1 x 2.8	1 x 4.9 1 x 5.3	1 x 4.9 1 x 5.3
Tank Capacity (gal)	8.08	16.19	30.51	60.4
Filling Capacity (gal)	6.00	12.23	22.27	41.9
Dimensions and Weight				
H x W x D (inches)	27 x 22 x 14	34 x 25 x 16	43 x 30 x 21	46 x 39 x 26
Weight (lbs)	29.8	40.8	80.5	116.9
Max. Compressor Horsepower Rotary Screw Compressor				
Mineral Oils	50	110	210	450
PAO / Diestrer Oils	40	75	130	280



CLIMATE ZONE CORRECTION FACTOR	
COOL / MILD	1.00
MEDIUM / ARID	.90
HOT / TROPICAL	.70

FILTER CARTRIDGE LIFE CYCLE*	
1 Shift	10-14 months
2 Shifts	8-12 months
3 Shifts	5-9 months

* Ranges are approximate

IMPORTANT: if you do not know the condensate type (emulsion or mixture) of your application then please always use a QWIK-PURE®.

To use the sizing chart, first locate the closest applicable compressor horsepower value (for multiple compressors use the total system horsepower) of your compressed air system. Locate the row with the appropriate compressor lubricant for your particular application (i.e mineral oil) and you will instantly know the correct ÖWAMAT® model size for your compressor type. Multiply the compressor maximum compressor horsepower by the climate zone correction factor based on the location of your application.

Capacity tests and our long-term experience have enabled us to make locational adjustments to our capacity figures by taking global climate data into account. Regions in the southern United States (i.e San Antino, TX) are subject to higher temperature and humidity levels throughout the year, which can yield different condensate treatment requirements. Therefore, if you feel that your regional location may have a significant impact on the application or installation, please consult your BEKO representative for details.



+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.

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.

- › 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
- › 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

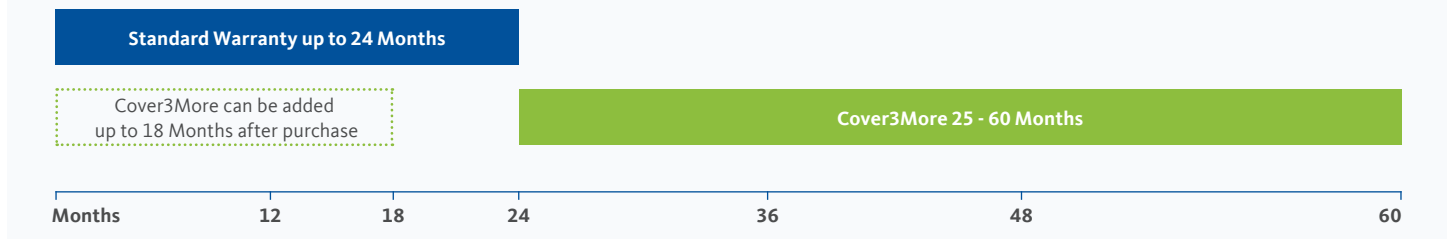
DRYPOINT® RA	Refrigerant Air Dryers	BEKOMAT®	Zero Air Loss Drains
DRYPOINT® X / AC	Desiccant Air Dryers	QWIK-PURE®/ÖWAMAT®	Oil-water Separators
DRYPOINT® M	Membrane Air Dryers	METPOINT®	Instrumentation
CLEARPOINT®	Filters and Water Separators	BEKOKAT®	Hydrocarbon Removal Systems

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

