



ÖWAMAT®

FOR CLEAN AND SAFE

OIL-WATER-SEPARATION

THE SUM OF MORE THAN 16 YEARS OF KNOW-HOW IN CONDENSATE TECHNOLOGY

Take a look around your compressor room.

There should be:

- Compressor(s) with aftercooler
- Dryers with filter(s)
- Condensate System

Do you have a condensate removal system?

Condensate consists of 98-99% water

Processing condensate on site is more cost effective than hiring a certified company to haul and treat it.

Your system must have these features:

- Safeguards against oil leaks;
- Large overflow for clots of oil;
- A monitoring system;
- Easily replaced filters;
- Optional fault message system

Up to 150 HP



ÖWAMAT® 5R

Up to 750 HP



ÖWAMAT® 8



Multiple inlet to connect up to 4 condensate feeding lines



Heaters, an accessory for ÖWAMAT® 2-8

The Clean Water Act governs the discharge of oily waste.

- It is illegal to dump oily waste on the ground or into streams or lakes.
- Only permitted amounts may be discharged to sewer, typically 20 ppm or less, by weight.



PROBLEM FREE AND ECONOMICAL, SAFE AND ENVIRONMENT FRIENDLY

Economy goes without saying

- Several sizes to pick from
- Simple installation, all parts included
- No electrical hook-up required
- Low maintenance requirement
- Easily replaced filters.
No special tools required



The quality-conscious assembly of the **ÖWAMAT®** units guarantees a trouble-free function. Each **ÖWAMAT®** is 100% inspected and tested.

You can trust the condensate specialists

- Since 1982 **BEKO** has pioneered the art of condensate management
- **BEKO** products are the industry standard – with patent protected features
- **BEKOMAT®**, **ÖWAMAT®** and **BEKOSPLIT®** represent the best in condensate management products
- **BEKO** is ISO 9001 certified

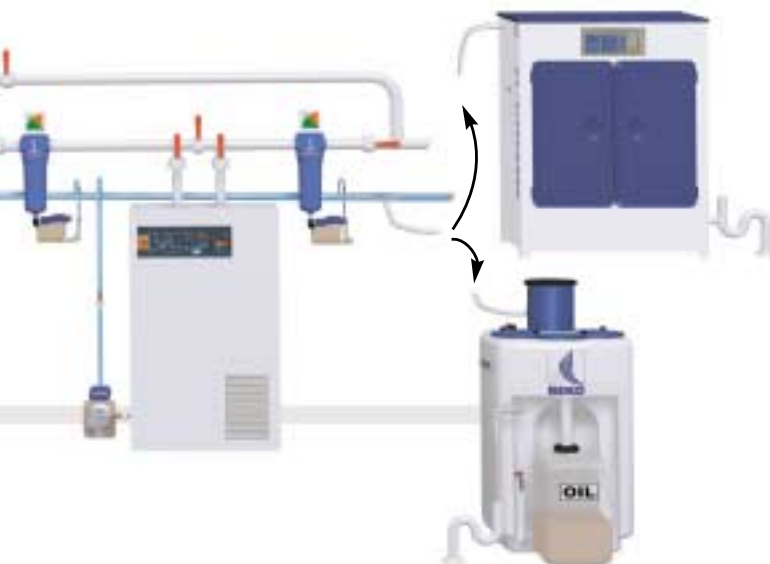


Filter change:
the reference test shows you when to do it

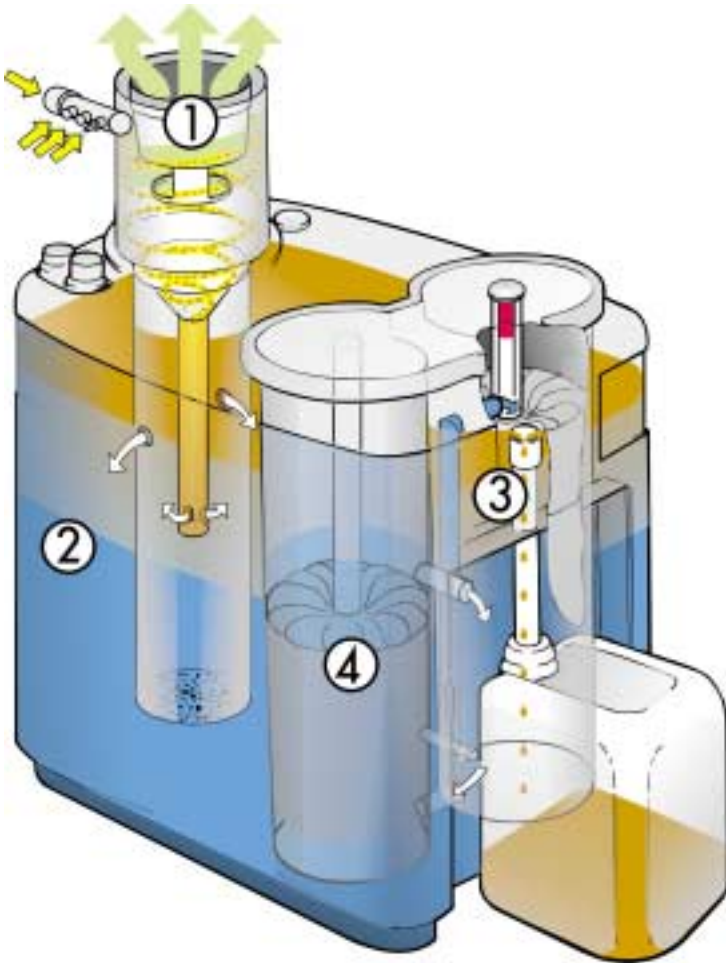


A word about filters

- **ÖWAMAT®** has tapered filters for ease of replacement
- **ÖWAMAT®** comes with a condensate reference jar to indicate when filter change is required
- **ÖWAMAT®** filters contain **OEKOSORB**, the only performance-certified material for oil removal

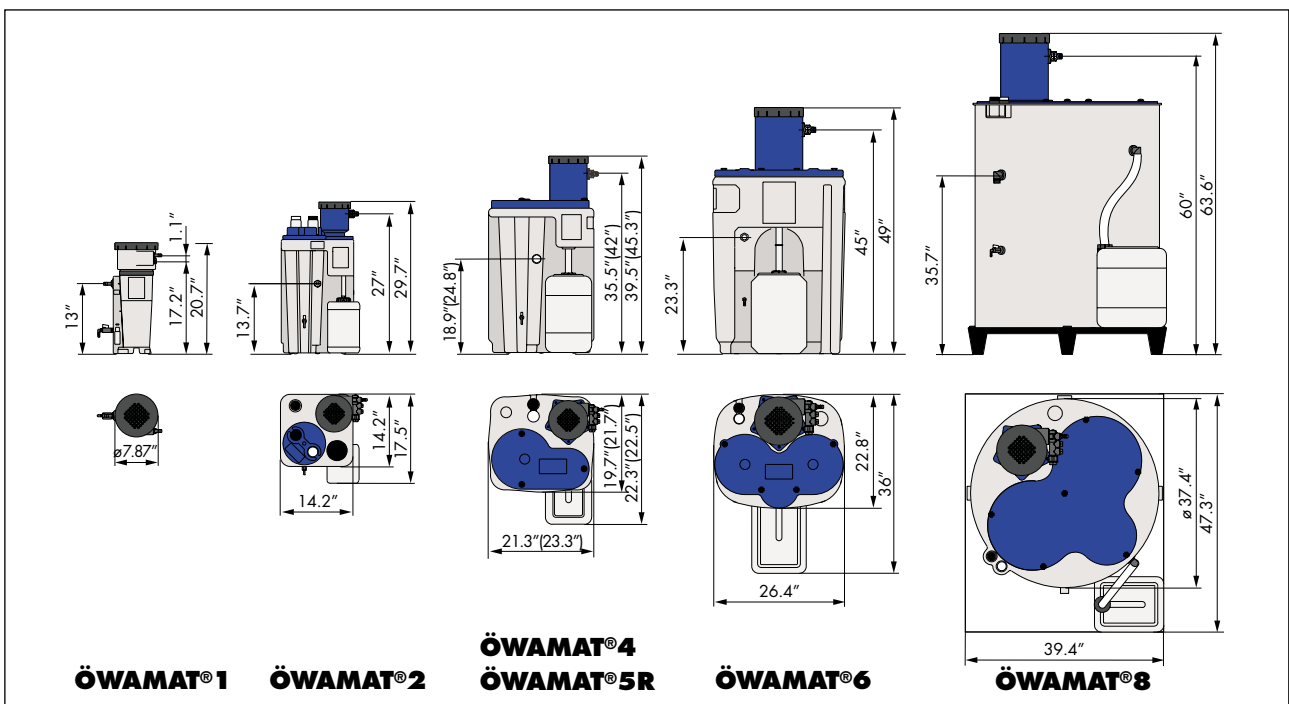


ÖWAMAT®: YOUR GUARANTEE FOR ECONOMICAL CONDENSATE PROCESSING



1. The oily condensate enters the patented pressure relief chamber without causing disturbance in the separation chamber
2. Free oil floats on the water
3. Oil is skimmed into a sealed bottle which eliminates overflow
4. Initial filtration takes place in the Oliophilic prefilter
5. Final filtration is accomplished by activated carbon, OEKOSORB for final polishing to the desired result

Oil which is collected can go directly to the recycler in concentrated form, which saves recycling costs



ÖWAMAT® - A GAIN FOR YOU AND FOR OUR ENVIRONMENT

Your air system:

Almost all air compressors are oil lubricated.

Always condensate:

Whenever air is compressed and cooled, condensate is produced.

Our environment cannot tolerate condensate:

Oils don't degrade and do use up oxygen, which disables the biological breakdown of waste at the treatment plants.

The law is watching!

The Clean Water Act provides for stiff fines and/or imprisonment for violators

Disposal is yesterdays technology:

Hiring a certified company to haul and treat the waste is expensive, and you still must install holding tanks, pumps, etc. On top of that you are still responsible for your waste – if the disposal company does things illegally it's your problem.

Process on site:

Control the situation! There are very simple, inexpensive methods available for your use.



Clean, safe, cost effective



ÖWAMAT® SELECTOR CHART

ÖWAMAT® selector chart - all drains connected ¹⁾					
Compressor Horsepower	Piston Compressor		Rotary Screw Compressor		
	Turbine Oil	Synthetic*	Turbine	PAO/Diester*	Polyglycol*
up to 100 psig	ÖWAMAT® Model				
10	1	1	1	1	1
15	2	2	1	2	2
20	2	4	2	2	2
25	4	4	2	4	4
30	4	5R	4	4	4
40	4	5R	4	4	4
50	4	6	4	4	4
60	5R	6	4	4	5R
75	5R	6	4	5R	5R
100	5R	6	5R	5R	5R
125	6	8	5R	5R	6
150	6	8	5R	6	6
175	6	8	6	6	6
200	6	8	6	6	2 x 5R
250	8	8	6	2 x 5R	2 x 6
300	8	Consult Bekosplit Chart	2 x 5R	2 x 6	2 x 6
400	8		2 x 6	2 x 6	8
500	8		2 x 6	8	2 x 8
750	Drip feed and high pressure piston compressors create stable emulsions		8	2 x 8	2 x 8
1000		2 x 8	2 x 8	2 x 8	
1250		2 x 8	2 x 8		
1500		2 x 8			

For other applications - consult BEKO

Note: The following factors reduce the capacity of gravity separators.

Specific gravity of lube above .92

High air temperatures in piston compressors.

Excess carryover of lubricant to compressed air.

Contaminants in compressed air at intake.

High humidity in compressed air at intake.

¹⁾ Capacity can be increased 25% if only aftercooler is connected.

* Ask for free **BEKO-Check**

BEKO will test your condensate FREE of CHARGE to ensure GUARANTEED SELECTION

Subject to technical changes without prior notice; errors not excluded.
XP KT00 012 USA

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