



## *Engineered Solutions for Condensate Management Compliance*



Green Product

## OPTICLEAN

Engineered Active Filtration  
Oil/Water Separators

# OPTICLEAN

## THE NEED FOR OPTICLEAN

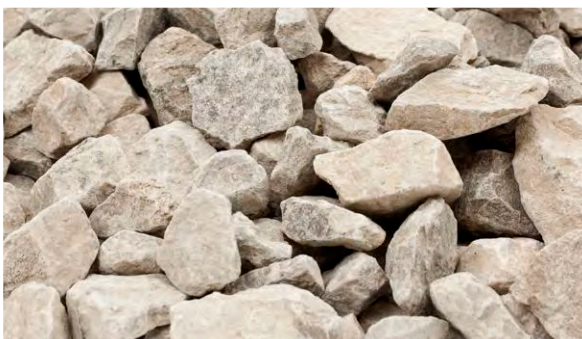
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Oil-injected air compressor condensate is known to contain carryover oil at levels in excess of the allowable amounts or limits in almost all regions of the world. The EPA has strict standards about the disposal of these oils that get mixed with water during the compression process due to concerns about waste water treatment and ground water contamination. The fines for non-compliance can be severe!

Federal regulations restrict contaminants to less than 40 ppm for compressor condensate. However local codes may be even more strict. Typical compressor condensate has 500-3000 ppm of contaminants.

When properly sized and installed Opticlean can reduce the contaminants in your compressor condensate to less than 10 ppm, for the life of the unit.

The Opticlean system has been designed to provide the most cost effective means of removing virtually all hydrocarbons through an ACTIVE FILTRATION process. This approach utilizes a molecular sieve that removes the hydrocarbons from the condensate stream. Utilizing a natural substrate that is modified to create an ionic charge, the system attracts the hydrocarbons to active sites and bonds the hydrocarbons to the natural substrate. This active filtration helps achieve a higher utilization of the media bed providing an industry leading capacitance. Due to the bonding of the hydrocarbons to the substrate, temperature variations and vibration will not dislodge the hydrocarbons from the substrate.



The specially treated alumina silicate substrate media bed is a key to the Opticlean's outstanding performance.



### Opticlean Features and Benefits

- > Advanced molecular filtration
- > Internal decompression chamber
- > Simple and fast installation
- > Sleek design with minimal footprint
- > Industry leading capacitance
- > Laboratory tested, field proven results
- > Less than 10 ppm for life of product
- > Maintenance free life cycle

## UNIT SIZING CHART

Horse Power	Lifespan in Months			
	OPC250	OPC400	OPC750	OPC1500
5	24			
10	24			
15	24			
20	12	24		
25	12	24		
30	12	24		
40	12	12		
50	12	12	24	
60	6	12	24	
75		12	24	
100		6	12	24
125		6	12	24
150		6	12	24
200			6	12
250			6	12
300			6	12
350			6	12
400				6
500				6
600				6
700				6

*Life spans may vary due to differences in air compressor oil consumption rates, age & maintenance of compressor.*



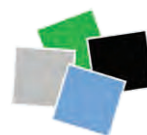
## SPECIFICATIONS

Model	Inlet Ports	Height	Width/Depth	Max Flow	Min/Max Temp	Dry Weight	Saturated Weight
OPC250	4 x 1/4"	22"	11"	1.5 GPM	33°F to 125°F	41 lb	60 lb
OPC400	6 x 1/4"	25"	15"	2 GPM		110 lb	175 lb
OPC750	6 x 1/4"	34"	19"	4 GPM		220 lb	325 lb
OPC1500	6 x 1/4"	38"	23"	6 GPM		400 lb	600 lb





## Green Product



applied system technologies™  
Optimum Performance

### Condensate Line Installation Kits



Install kits utilize the flexibility of the Infinity QuickFit piping system to provide an improved speed of installation along with great aesthetics.

Model	Description
OPC-IK1	80 ft / 4 Drain Connections
OPC-IK2	160 ft / 6 Drain Connections
OPC-IK3	240 ft / 6 Drain Connections

### Electronic Drain Valve



**Condensate poses a serious threat to compressed air systems.** Failure to carry out regular draining will result in serious equipment damage and costly system disruption. The IDV guarantees regular uninterrupted condensate drainage from your compressed air system. It is the most economical product available for prevention of liquid contamination.

Part Number	Description
90900-04	1/4" npt w/ Strainer
90900-08	1/2" npt w/ Strainer

### Disposal and Repurpose Program

We are excited to offer a green end of life process for your spent oil/water separator. The oil and media will be repurposed for energy, using the waste as a fuel source for heat. Once the units are recycled a certificate of assurance will be made out for customers who utilize the recycling process which relieves and transfers liability of the oil.

In a continued effort dedicated to global sustainability, this process allows production of environmentally responsible equipment while respecting our natural resources and decreasing landfill usage. Thank you for partnering with us in reducing the carbon footprint and utilizing this environmentally friendly alternative.

**Instructions for the program can be found at [www.recycleoilsep.com](http://www.recycleoilsep.com)**

Applied System Technologies  
9800 West Kinney Avenue, Suite 135  
Huntersville, NC 28078

P): 704-947-6966  
E): [info@appliedsystemtech.com](mailto:info@appliedsystemtech.com)

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