



Oil/Water Separation for Cleaner Condensate Discharge

# Accu-Zorb

Designed to simultaneously process different types of oil with the use of propriety media.

Capable of 24 hour continuous operation.

No electricity required and no moving parts.



## Features

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Valuable for ISO14001 certified companies

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Constructed of all non-corrosive materials

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Proprietary media

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Diffuser has multiple inlets, the entire assembly can be rotated

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Removable access lid

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Translucent oil container collects de-emulsified oil

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Red flow indicator

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Sample and reference jars

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## Benefits

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Meets The Clean Water Act

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Easily maintained with low maintenance costs

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Runs clog free - extended service life

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Makes installation more convenient

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Easy entry to the Pre-Adsorption Chamber and the propriety media

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Can be easily monitored

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A visual alert that service is required

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Quick evaluation of the clean condensate, ensures proper operation

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Model Nos. AZ7, AZ15, AZ30, AZ60,  
AZ90, AZ120S, AZ180S, AZ240S

## How it Works

The Accu-Zorb utilizes multi-stage separations technology with proprietary media to remove lubricating oils from condensate streams. In the first stage, the sediment chamber collects and helps prevent rust, dirt, and scale from migrating into the main reservoir. The second stage is the large main reservoir, which provides sufficient residence time to allow oil to coagulate and float to the surface. Next, the pre-adsorption chamber removes the segment of oils that are still in the solution or have migrated through to this chamber. In the final stage, the propriety media ensures that the condensate will meet or exceed the discharge limits.



## Dimensions

Model	Max. CFM Capacity**		Height	Depth	Width	Dry Weight Lbs.
	90°F/90%RH					
AZ7*	50		16"	8.5"	10.5"	11
AZ15	150		30"	19"	26.5"	50
AZ30	300		39"	21"	34"	90
AZ60	600		39"	31"	35"	170
AZ90	900		45"	31"	35"	229
AZ120S	1200		39"	31"	72"	240
AZ180S	1800		39"	31"	109"	360
AZ240S	2400		39"	31"	146"	480

\* AZ-7 does not include oil container, flow indicator, sample jar, or reference jar.

\*\* The maximum CFM capacity ratings listed may be increased by 25% if a refrigerated air dryer is not used.

Properly sized Accu-Zorbs typically require media replacement once a year.

Accu-Zorb is recommended for emulsified lubricants such as polyglycols.

Please contact your local Distributor or the Factory for proper sizing when using other types of lubricants and/or compressors.

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[airsyspro.com/selector-guide](http://airsyspro.com/selector-guide)  
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# Accu-Sep

Designed with multi-stage separations for real-world, 24 hour continuous operation.

Sized and designed to operate in most ambient conditions year-round.

No electricity required.



## Features

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Constructed of all non-corrosive materials

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Gravity activation

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Diffuser has multiple inlets, the entire assembly can be rotated

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Removable access lid

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Translucent oil container collects de-emulsified oil

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Red flow indicator

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Sample and reference jars

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## Benefits

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Easily maintained with low maintenance costs

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No electricity required - no moving parts

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Makes installation more convenient

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Easy entry to the Pre-Adsorption Chamber and the Carbon Media

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Can be easily monitored

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A visual alert that service is required

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Quick evaluation of the clean condensate, ensures proper operation

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Model Nos. AS15, AS30, AS60,  
AS90, AS120S, AS180S, AS240S

## How it Works

The Accu-Sep utilizes multi-stage separations technology to remove lubricating oils from condensate streams. In the first stage, the sediment chamber collects and helps prevent rust, dirt, and scale from migrating into the main reservoir. The second stage is the large main reservoir, which provides sufficient residence time to allow oil to coagulate and float to the surface. Next, the pre-adsorption chamber removes the segment of oils that are still in the solution or have migrated through to this chamber. In the final stage, the carbon beds ensure that the condensate will meet or exceed the discharge limits.



## Dimensions

Model	Max. CFM Capacity*				
	90°F/90%RH	Height	Depth	Width	Dry Weight Lbs.
AS15	150	30"	19"	26.5"	50
AS30	300	39"	21"	34"	90
AS60	600	39"	31"	35"	170
AS90	900	45"	31"	35"	229
AS120	1200	39"	31"	72"	240
AS180	1800	39"	31"	109"	360
AS240	2400	39"	31"	146"	480

\* The maximum CFM capacity ratings listed may be increased by 25% if a refrigerated air dryer is not used. Refer to Accu-Zorb and Posi-Zorb for use with emulsified lubricants such as polyglycols. Please contact your local Distributor or the Factory for proper sizing when using other types of lubricants and/or compressors.

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Oil/Water Separation for Cleaner Condensate Discharge

# Accu-Zorb 7

Designed for smaller compressed air systems and most compressor lubricants.

Capable of 24 hour continuous operation.

No electricity required and no moving parts.



## Features

- Compact design
- Constructed of all non-corrosive materials
- Proprietary media
- Diffuser has multiple inlets
- Removable mist eliminator
- Includes mounting bracket
- High capacity separator media

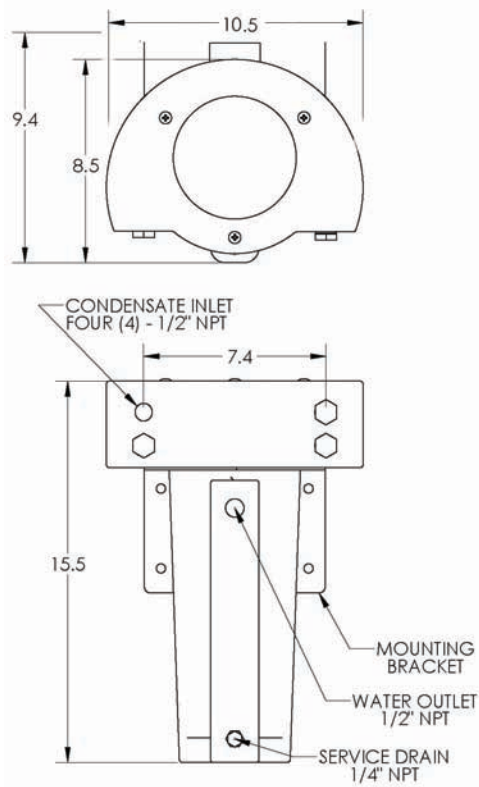
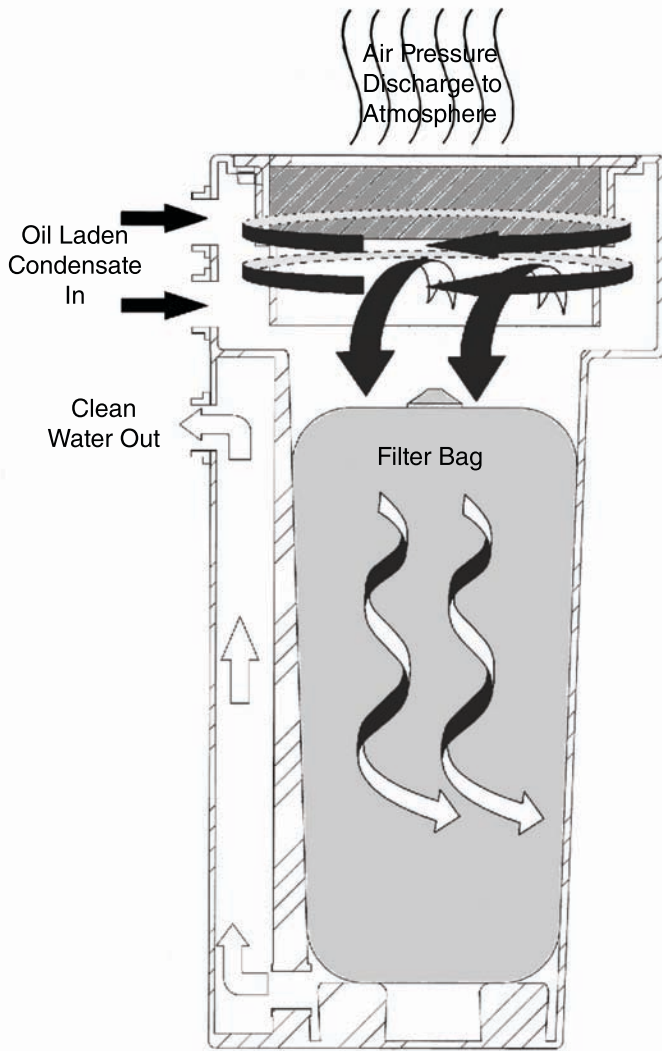
## Benefits

- Ideal for small compressed air systems
- Easily maintained with low maintenance costs
- Runs clog free - extended service life
- Capable of receiving condensate from multiple sources
- Quick access to separator media for easy media replacement
- Makes wall mounting a snap
- Sized for one-year media life

# Model No. AZ7

## How It Works

The Accu-Zorb AZ7 utilizes multiple stages to process condensate to remove trace quantities of lubricant. In the first stage, the condensate is deenergized in the upper section of the separator. Displaced air passes through a demisting filter. In the second stage, the condensate gravity flows through a proprietary media that removes lubricating oils from the condensate. In the final stage the polished condensate is discharged from the separator vessel.



## Dimensions

Model	Max. CFM Capacity 90° F/90%RH	Height	Depth	Width	Dry Weight lbs
AZ7	50	15.5"	8.5"	10.5"	11



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# Equalizer

An accessory designed to collect and manage high volumes of condensate for multiple oil/water separators.



## Features

Automatically equalizes flow to multiple units

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Multiple inlet/outlet connections

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Large storage reservoir

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## Benefits

Helps improve operation of oil/water separators

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Supports system expansion  
Balances up to 4 oil/water separators

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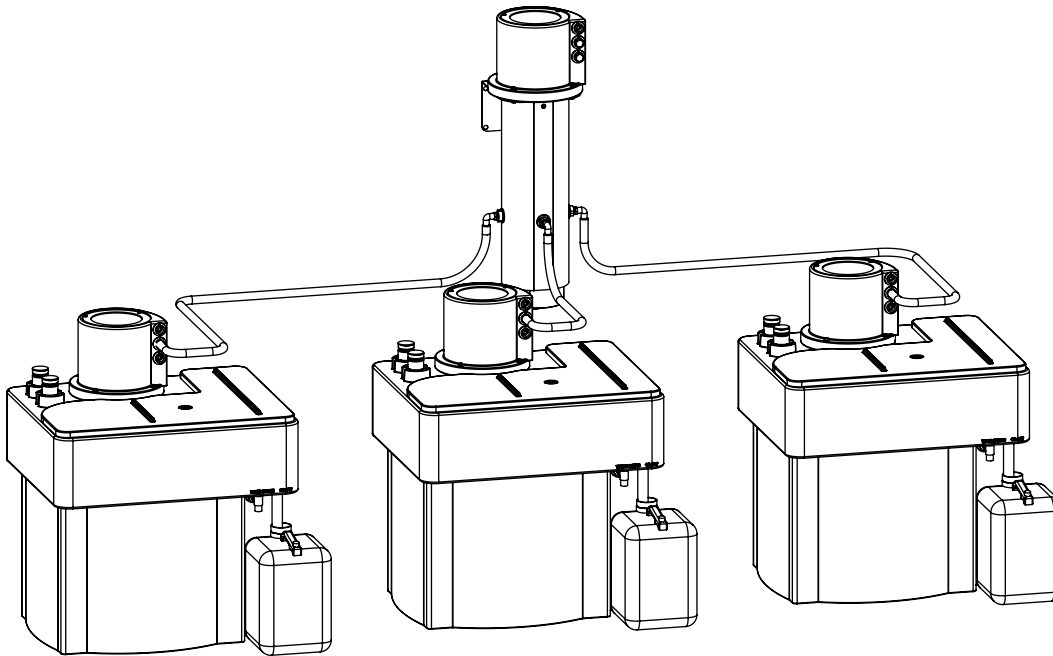
Ideal for large capacity level drains  
Handles in-rush from various drains

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# Equalizer

## How it Works

Condensate enters the Equalizer through inlet ports on the diffuser. The Equalizer automatically slows down the flow of the condensate as it distributes to multiple oil water separators. A diffuser pad serves to contain the condensate and reduce misting. The depressurized condensate drains into the collection and storage vessel where any solids drop out and the condensate accumulates. The condensate is then distributed to the oil/water separator(s).



## Dimensions

Model	Inlets	Outlets	Working Capacity (Gallons)
PSEQ1	Up to Three (3) ½" NPT	Three (3) ½" NPT	2.4
PSEQ2	Up to Three (3) ½" NPT	Four (4) ½" NPT	2.4



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# Posi-Zorb



Designed to handle system-upset conditions and a variety of oils.

Capable of 24 hour continuous operation.

No electricity required.

## Features

Constructed of all non-corrosive materials

Proprietary media filter

Non-clogging filter design

Pneumatically operated pump

Only 2 moving parts

Self-contained filter modules

## Benefits

Easily maintained

Runs clog free - extended service life

Uninterrupted service

Ensures uninterrupted filtration from condensate streams

Dependable service

Ease of installation and replacement – no messy bags to dispose of

Model Nos. PZD-01-15, PZD-01-30,  
PZD-01-55



The Posi-Zorb is available with three sizes of self-contained filter modules

## How it Works

The Posi-Zorb is designed specifically to ensure uninterrupted service and to extend the life of the filter module. The filter module contains proprietary media that selectively removes emulsified oils and may hold up to four times the amount of oil compared to standard activated carbon. The unit continues to function even in the event of upset conditions. The system only operates when the level of condensate rises. The unit also enables easy disposal. Once the filter media is saturated, the modules are simple to replace and there are no messy bags to handle. The modules are entirely self-contained and permit ease of installation and replacement.

## Dimensions

Model	Max. CFM Capacity*	Height	Depth	Width	Dry Weight Lbs.
	90°F/90%RH				
PZD-01-15	250	38"	23"	28"	90
PZD-01-30	500	38"	23"	28"	200
PZD-01-55	1000	38"	23"	28"	400

\* The maximum CFM capacity is based on polyglycol. Ratings listed may be increased by 25% if a refrigerated air dryer is not used. Not recommended for silicone-based lubricants. A PZM Filter Module could last 12 months in a Rotary Screw application. However, filter life may be less due to lubricant, compressor type, and maintenance.

Please contact your local Distributor or the Factory for proper sizing when using other types of lubricants and/or compressors.

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