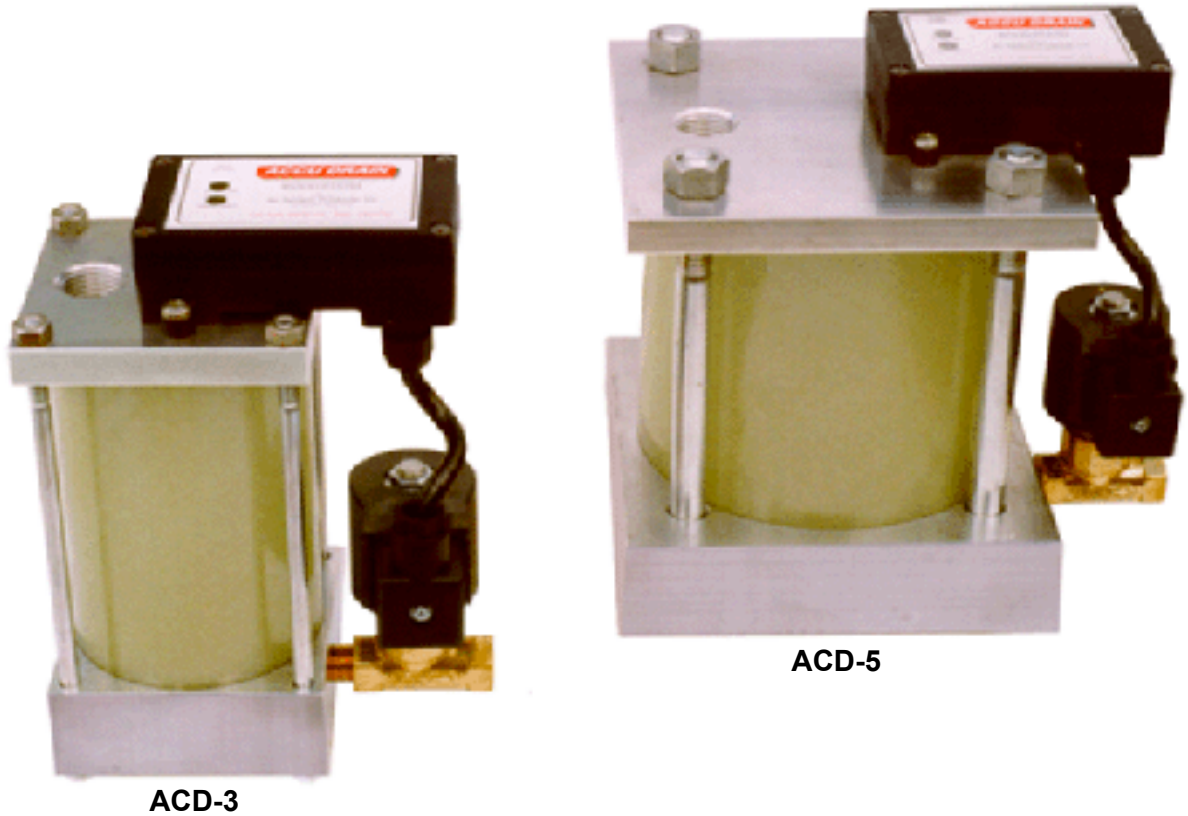


ACCU-DRAIN

AUTOMATIC CONDENSATE REMOVAL SYSTEM



Features & Benefits

- ◆ **Energy Efficient** *Fully automatic, with Zero Air Loss, saves energy for a fast payback. Perfect for use with Oil/Water Separators.*
- ◆ **See-Through Vessel** *Rugged, wound fiberglass handles all types of lubricants while providing visual assurance of operation.*
- ◆ **Exclusive POSI-VALVE** *Straight-Thru Flow design passes rust and scale that would foul other types of valves - no strainers to clean.*
- ◆ **Reliable Operation** *Teflon coated control stem ensures smooth, consistent cycling. Stainless steel float operates in both water and oil.*

AIR SYSTEM PRODUCTS, INC.

51 Beach Ave. • Lancaster, NY 14086 • (716)683-0435 FAX (716) 683-7128 • www.airsyspro.com

"The Best in Condensate Drain Technology"

Bulletin ACD401

ACCU-DRAIN

Design

The Accu-Drain will only operate when the see-through chamber fills up with condensation. The drain is designed to close before any air-loss can occur, therefore, the condensation can be "pumped" to an elevated location. No air-loss also eliminates the noise associated with timer drains that stay open too long. This feature is very desirable in areas where people are working.

The Accu-Drain's no-air loss design makes the drain ideal for systems that have oil recovery devices. These oil recovery devices (Oil/Water Separators) operate at peak performance when the incoming condensation is not agitated by a blast of compressed air that often occurs with the use of timed solenoid drains. The release of any compressed air into these oil recovery devices causes the previously released condensation to become emulsified. This can only make the separation process more difficult.

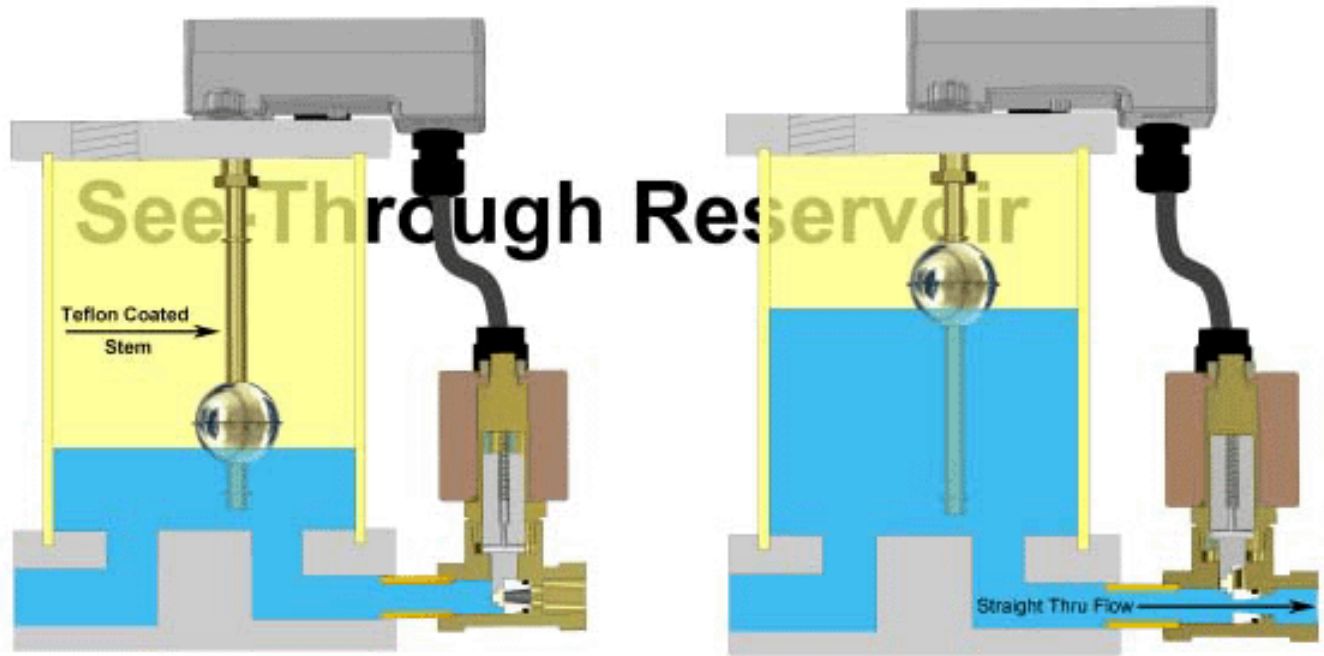
The Accu-Drain uses a unique, straight through flow, non-clogging solenoid valve that was designed exclusively for draining compressed air systems. This eliminates the frequent failure of diaphragm valves that easily clog with small amounts of particulate.

Operation

The condensation accumulates in a reservoir where a reliable Stainless Steel magnetic float rises with the fluid until it actuates an upper level reed switch. The switch signals a relay that opens a clog-proof valve. The valve stays open until the float returns to the bottom, where a lower level reed switch closes the valve without wasting any air. The float design is so reliable that it operates in pure oil. Heavy accumulations of oil are often a problem with other types of sensing devices.

When installed, a light indicates power is being supplied to the drain. A second light indicates when the valve has been actuated by the float switch. The see-through reservoir allows for a visual inspection of the amount of condensation that has accumulated and eliminates the need for on sight failure indicator lights. An override switch is provided for manual operation of the drain.

Once installed, the superior performance of the Accu-Drain will show why it is an ideal replacement for mechanical float operated drains that frequently clog. The Accu-Drain is also superior to timer operated drains that require continual adjustments and cleaning.



Model Number	Per Cycle Discharge	Compressor Capacity	Dryer Capacity	Filter Capacity	Inlets NPT	Outlet NPT	Operating Pressure	Operating Temp.	Weight	Dimensions Inches
ACD3	8 OZ	450 CFM	900 CFM	2700 CFM	1/2"(2)	1/4"	0-200 PSI	35-180 F	5 LBS.	3.5 x 5.5 x 7.5H
ACD5	21 OZ	1125 CFM	2250 CFM	6750 CFM	3/4"&1/2"	1/4"	0-200 PSI	35-180 F	10 LBS.	6 x 8 x 7.5H

Add -A for Optional Remote Alarm Contacts. Standard voltage is 115 and includes six foot power cord.

All design specifications are subject to change without notice.

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