



ACCU - DRAIN

Automatic Condensate Removal System



ACD3



ACD5

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.



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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.

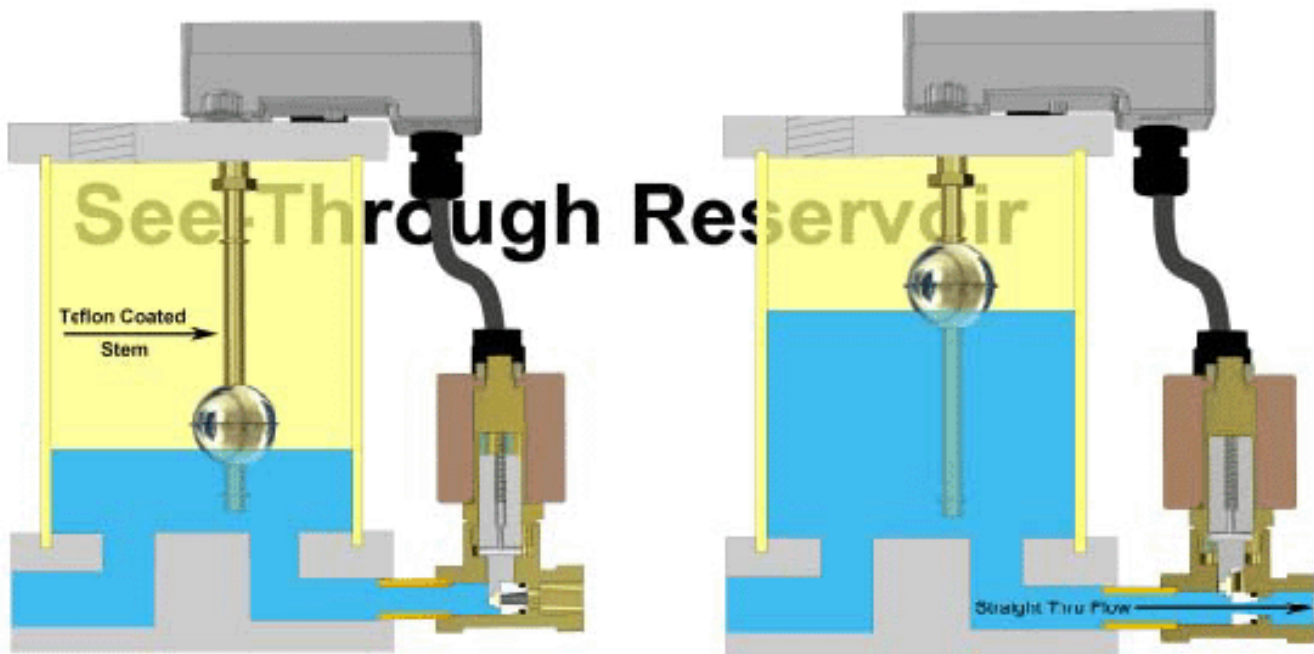
The Accu-Drain uses a unique, straight through flow, nonclogging solenoid valve that was designed exclusively for draining compressed air systems. This eliminates the frequent failure of diaphragm valves that easily clog with small amounts of particulate.

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	Discharge Per Cycle	Compressor Capacity	Dryer Capacity	Filter Capacity	Inlets NPT	Outlets 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