

AXI AUTO WATER DRAIN

INTERNATIONAL

Automatically Remove Collected Water from a Water Separator

The Auto Water Drain option is comprised of a pump and strainer that will automatically remove water collected in the base of the final filter when the system detects high water levels. The water is drained into an optional storage tank next to the system. Excessive debris in the strainer basket will result in pump shutdown and activate the High Vacuum alarm. This indicates that it is time to clean the strainer basket.



1. Auto Water Drain Ball Valve
2. Basket Strainer
3. Auto Water Drain Pump
4. Solenoid Drain Valve
5. Manual Drain Port
6. Water Level High Probe
7. Water Level Low Probe

SERVICING AUTO WATER DRAIN STRAINER:

1. Turn key switch to the "OFF" position – make sure pump will not turn on.
2. Close the inlet ball valve.
3. Ensure Manual Drain Port is closed.
4. Place a fuel waste container below the Manual Drain Port on the bottom of the Auto Water Drain Strainer.
5. Open the bleed screw on top of the water separator.
6. Verify that the Auto Water Drain ball valve to the Auto Water Drain System is open.
7. With water barrel float connected, verify the function of the switch diagnosis alarm "WATER BARREL ALARM", by slowly lifting the float.
8. By jumping the two "WATER LEVEL LOW" probes together simultaneously, and the two "WATER LEVEL HIGH" probes together you will get a "WATER LEVEL HIGH ALARM", this will automatically stop the fuel pump from running and start the Auto Water Drain Pump removing the water from the bowl. This is set on a time delay, and will pause, allowing the water to separate from the fuel for approximately 2 minutes. "HIGH WATER ALARM" indicator will blink during Auto Water Drain Cycle. Once the water has been evacuated from the bowl and the "WATER LEVEL LOW" is no longer made, the Auto Water Drain Pump stops and the main fuel pump will start automatically.
9. Close the bleed screw on top of the water separator.
10. Open the inlet and outlet valves for the system.
11. Push the "ALARM RESET" button on the control panel to acknowledge the alarm and reset it.
12. Return the pump selector key switch to "AUTO" or "RUN".



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1. Auto Water Drain Hose
2. 15 Gallon Waste Water Drum
3. Float Switch
4. Modular Connection



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