

Automatic Backwash Control Unit

The ABW slave unit connects with the AIR system. It constantly checks the pressure levels and, when they reach a set limit, triggers a process to flush out debris from the filters automatically. This helps maintain efficient operation by ensuring the filters remain clean and effective.

Features and Benefits

- **Dual Power Options (AC and DC Models):** Provides flexibility for various environments, ensuring compatibility and operational adaptability.
- **Continuous Water Pressure Monitoring:** Monitors water pressure in real-time to maintain optimal system performance, ensuring consistent water flow and efficiency.
- **Automatic Flushing Trigger:** Initiates flushing automatically when water pressure reaches a preset threshold, preventing blockages and enhancing system reliability.
- **Compatible with Multiple Filter Types:** Suitable for screen filters, disc filters, and sand filters, accommodating diverse filtration needs.
- **Self-Cleaning Capability:** Facilitates automatic debris removal from filters, optimizing system performance and extending equipment lifespan with reduced maintenance costs.
- **Cost Efficiency:** Reduces operational expenses by minimizing manual maintenance and potential equipment damage, improving overall cost-effectiveness.
- **User-Friendly Operation:** Simplifies maintenance with automated tasks, enhancing user convenience and operational efficiency.



Specification: (AC)

- Input Voltage: 180V – 240V AC
- Communication: LoRA & Bluetooth 5.0
- Water Flow sensor: Pulse type (optional)
- Pressure sensor: 2 Nos (4- 20mA)
- Inbuilt GPS

Specification: (DC)

- SolarPanel: 12.5V/ 12W
- Battery: 7.4v/2.6Ah
- Backup hours: 72 hours
- Communication: LoRA & Bluetooth 5.0
- Water flow sensor: Pulse type (optional)
- Pressure sensor input: 2 Nos

