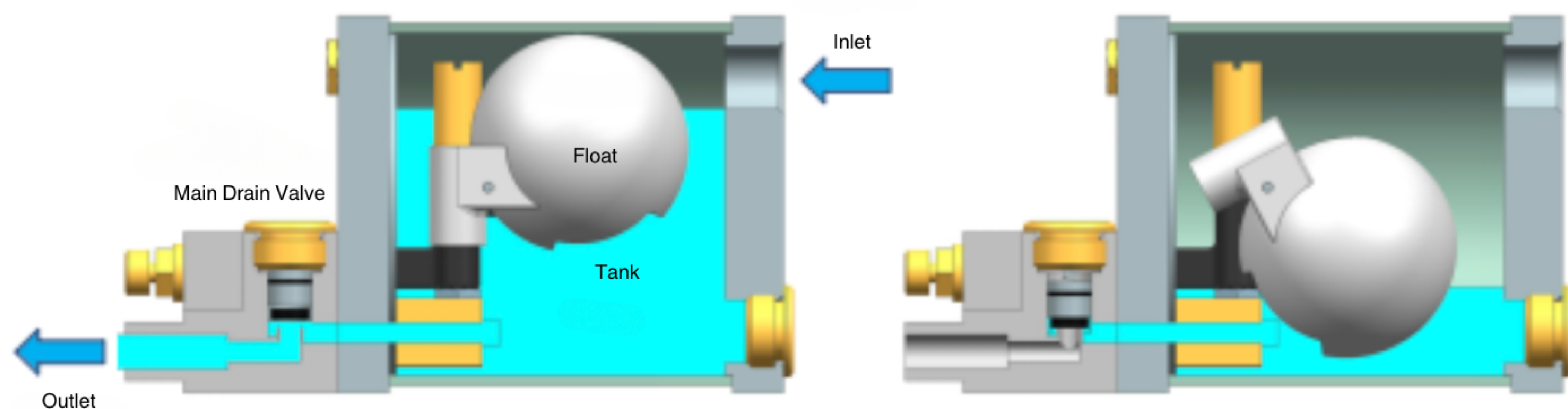


## Intelligent Drain Mechanism



### Key Features :

- **Energy Efficiency:** No external power requirement, ensuring eco-friendly operation.
- **Outdoor Compatibility:** Rugged design allows for external deployment.
- **Zero Air-Loss:** Drains only when necessary, conserving valuable compressed air.
- **Explosion Proof:** Suitable for hazardous environments, enhancing safety.
- **Manual Testing Option:** Enables user-initiated operation checks.
- **Strainer Inclusion:** Prevents blockage, maintaining unimpeded flow.
- **Anti-Freezing Mechanism:** Optional heating bar for operation in cold climates.

### Technical Data

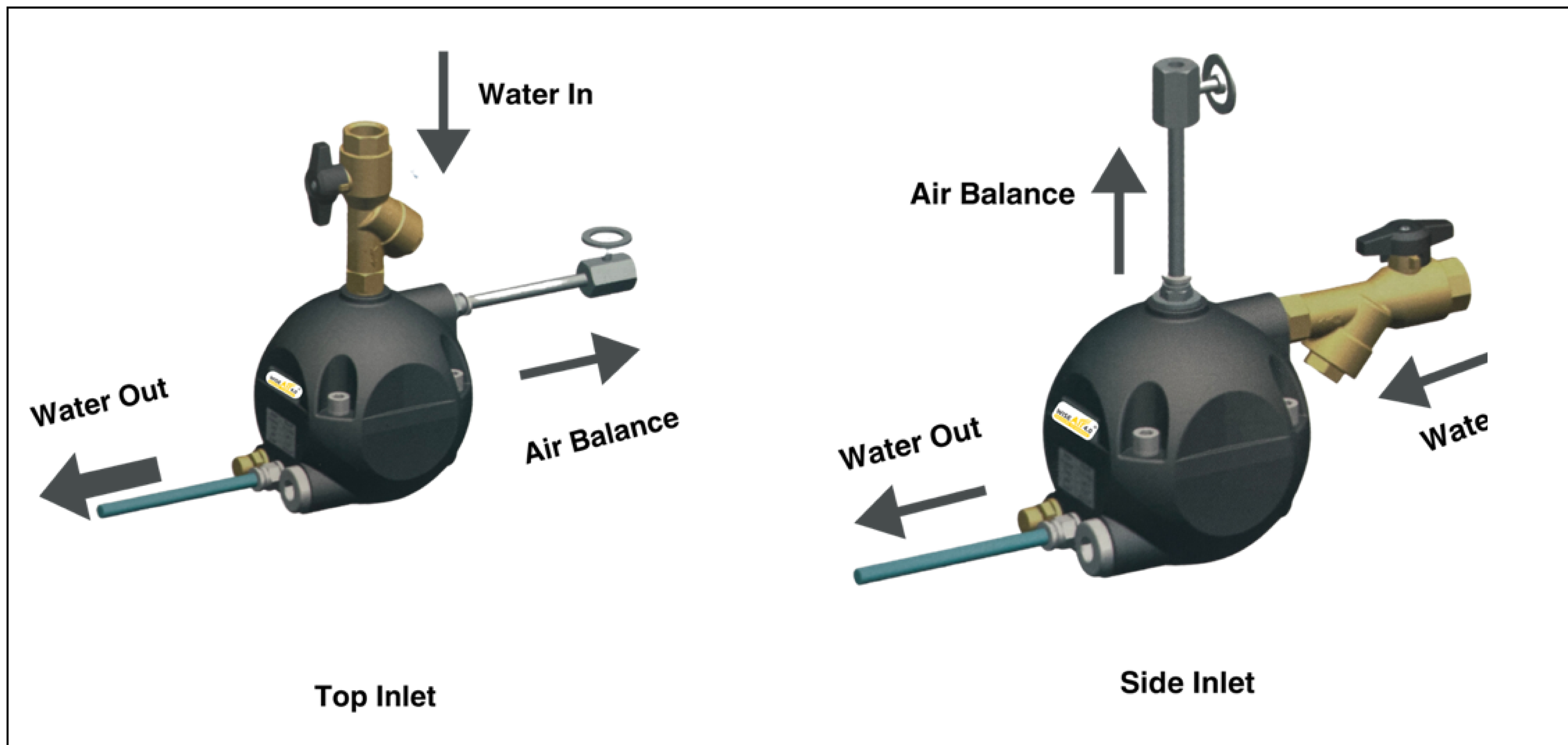
Ordering Codes	WAM - 80	WAM - 800	WAM - 1800
Features	Zero air-loss, No power required		
Applications	Filter, Refrigeration Dryer, Air Tank		
Rated Working Pressure	0-1.6 Mpa		
Ultimate Discharge Volume	80 L/h	425 L/h	850 L/h
Medium Temperature Range	1-60°C		
Ambient Temperature Range	1-60°C (Heating bar optional for sub-zero temperatures)		
Inlet	3 * G1/2"	2 * G1/2"	2 * G1/2"
Outlet	Ø8 (G1/4")	Ø10 (G1/4")	Ø10 (G1/4")
Port of Air Balance Pipe	G 1/4"		
Discharge Valve Type	Magnetic valve	Pneumatic Valve	Pneumatic Valve
Front Mesh Strainer	Yes (Outer set)	Yes (Inner set)	
Housing Material	Aluminium	Aluminium and Translucent Composite	
Manual Function	Yes		
Protection Class	IP68		
Dimensions (L * W * H)	129 * 110 * 122 mm	200 * 110 * 110	235 * 140 * 140
Net Weight	1.3 Kg	2.5 Kg	4.1 Kg

The WAM Series Smart Drain Valves stand at the forefront of innovation, ensuring the integrity of compressed air systems. These pneumatic zero air-loss drains effectively eliminate condensate, which if left unchecked, can significantly degrade the quality of compressed air. With an intelligent design that only discharges when necessary, the M Series guarantees no wasteful exhaust.

#### Design Excellence:

The WAM Series Drain Valves are engineered with a precision float ball system. This float is pneumatically actuated, responding to liquid level changes to activate the pneumatic main drain valve automatically. This allows for real-time, demand-based draining, making the WAM Series suitable for use in high-risk environments where only compressed air drainage is utilized.

## Installation Guide



## Maintenance Procedure

### Test the Functioning



Press th Button to Manually Drain the Condensate

### Cleaning the Magnetic Drain Valve

- 1 Isolate Air Source
- 2 Manual Press to Release Pressure
- 3 Clean the Strainer
- 4 Clean the Filter

