

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [LUNIUBIQING](#) /

› [Air Compressor Electronic Drain Valve 1613880001 8102041882 for Atlas Copco EWD75 EWD50 EWD75 EWD330 EWD1500](#)

LUNIUBIQING 1613880001

Air Compressor Electronic Drain Valve User Manual

Model: 1613880001

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the **Air Compressor Electronic Drain Valve 1613880001**. Please read this manual thoroughly before use to ensure proper function and safety.



Figure 1: The LUNIUBIQUING Air Compressor Electronic Drain Valve, showing its compact design and integrated control panel.

SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure power is disconnected before installation or maintenance.
- Only qualified personnel should perform installation and repairs.
- Do not expose the device to extreme temperatures or moisture.
- Verify correct voltage and frequency as specified in the product specifications.



Figure 2: Close-up of the electrical hazard warning symbol on the device, indicating the need for caution with electrical connections.

SETUP AND INSTALLATION

Follow these steps for proper setup and installation:

1. **Unpacking:** Carefully remove the drain valve from its packaging. Inspect for any visible damage.
2. **Mounting:** Securely mount the drain valve in the designated location on the air compressor system. Ensure it is easily accessible for maintenance.
3. **Electrical Connection:** Connect the power supply according to the wiring diagram. Verify that the voltage matches the product specifications (230VAC±10%/50-60Hz).
4. **Drainage Connection:** Connect the drainage outlet to an appropriate waste collection system. Ensure no kinks or blockages in the drainage line.
5. **Initial Check:** Before applying power, double-check all connections for tightness and correctness.



Figure 3: Detail of the electrical connection port, showing the secure screw-in connector for power input.

OPERATING INSTRUCTIONS

The electronic drain valve operates automatically. However, there are indicators and a test function:

- **Power Indicator:** A green LED labeled "Power" illuminates when the device is receiving power.
- **Alarm Indicator:** A red LED labeled "Alarm" will illuminate if an operational fault is detected. Refer to the Troubleshooting section.
- **Test Button:** Press the "TEST" button to manually activate a drainage cycle. This can be used to verify proper operation or to manually drain condensate.



Figure 4: The control panel showing the "Power" and "Alarm" indicator LEDs, and the circular "TEST" button for manual operation.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of the drain valve:

- **Daily Check:** Visually inspect the drain valve for any leaks or unusual noises.
- **Weekly Check:** Press the "TEST" button to ensure the valve cycles correctly and condensate is discharged.
- **Monthly Cleaning:** Disconnect power and clean the filter (if applicable) and drainage port to prevent blockages.
- **Annual Inspection:** Have a qualified technician inspect the valve for wear and tear, and replace any worn components.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No Power (Power LED off)	No power supply; loose connection; blown fuse.	Check power source; secure connections; replace fuse.
Valve not draining (Alarm LED off)	Drainage line blocked; valve stuck closed.	Clear blockage; press TEST button; if issue persists, consult technician.
Alarm LED on	Internal fault; sensor error.	Cycle power; if alarm persists, contact support.
Continuous draining	Valve stuck open; internal component failure.	Disconnect power immediately; contact support.

SPECIFICATIONS

Key technical specifications for the electronic drain valve:

- **Part Number:** 1613880001
- **Application:** For Atlas Copco EWD75, EWD50, EWD330, EWD1500
- **Operating Pressure:** 1.2 - 16 bar (17 - 230 psig)
- **Voltage:** 230VAC \pm 10%
- **Frequency:** 50-60Hz
- **Operating Temperature:** +1°C to +60°C (34°F to 140°F)
- **Device Model Indication:** EWD 75

WARRANTY AND SUPPORT

For warranty information or technical support, please contact your supplier or the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: LUNIUBIQING

Date First Available: March 25, 2022

For further assistance, you may visit the [LUNIUBIQING Store on Amazon](#).

