

# **Troubleshooting Process Walkthrough**

## **Split Air Conditioner (Non-Inverter/ Fixed Speed)**

### **⚠ Important- Before Troubleshooting, Ensure:**

- Power supply is stable.
  - Remote batteries are working
  - Filters are clean.
  - Airflow at the **front grille (indoor side)** and **rear condenser (outdoor side)** is not blocked.
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### **1. AC Not Powering On**

#### **Possible Causes:**

- Power cord not plugged in properly.
- Remote batteries weak or dead (if remote type).
- Fuse or MCB tripped.

#### **Solutions:**

- Check plug and socket connection.
  - Replace remote batteries.
  - Reset circuit breaker or replace fuse.
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### **2. Insufficient Cooling / No Cooling**

#### **Possible Causes:**

- Dirty air filter.
- Blocked air flow (curtains, furniture, wall behind AC).
- Temperature set too high.
- Refrigerant leakage.

#### **Solutions:**

- Clean filters every 15 days.
  - Ensure rear side of AC has proper ventilation.
  - Set temperature between **22–24°C**.
  - If still not cooling → call service technician.
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### 3. AC Not Heating *(for Hot & Cold Window AC Models only)*

#### Possible Causes:

- Mode not set to Heat.
- Outdoor temperature too low.
- Compressor protection delay active after mode change.

#### Solutions:

- Select **Heat mode** on remote.
  - Wait 3–5 minutes for compressor to restart.
  - If problem continues, contact service center.
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### 4. Water Leakage Indoors

#### Possible Causes:

- Rear water outlet blocked.
- AC not installed with a slight backward tilt (towards outside).
- Dirty filters causing frost and excess condensation.

#### Solutions:

- Clean and check rear water outlet.
  - Ensure AC is tilted slightly outward during installation.
  - Regularly clean air filters.
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### 5. Unusual Noise from AC

#### Possible Causes:

- Loose screws or panels.
- Foreign objects inside AC unit.
- AC not installed firmly in window frame.

#### Solutions:

- Tighten screws and panels.
  - Remove any foreign objects blocking the fan.
  - Secure unit properly in window.
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### 6. Remote Control Not Working *(if model has remote)*

#### **Possible Causes:**

- Weak or dead batteries.
- Remote sensor blocked.
- Distance too far from unit.

#### **Solutions:**

- Replace batteries.
  - Clear line of sight to AC sensor.
  - Stand within 6 meters.
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### **7. AC Turns Off Automatically**

#### **Possible Causes:**

- Timer function activated.
- Voltage fluctuations.
- Overheating protection mode.

#### **Solutions:**

- Check if Timer is set on remote.
  - Use stabilizer if supply fluctuates.
  - Wait a few minutes, then restart AC.
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### **8. Error Indications (LED Blink Codes)**

- **1 Blink** – Room temperature sensor error.
- **2 Blinks** – Coil sensor error.
- **3 Blinks** – Overload / compressor protection.
- **4 Blinks** – Fan motor error.
- **Continuous Blink** – PCB / general fault.

*(Note: Actual blink pattern may vary slightly by the model. Refer to service manual for exact mapping.)*