MD309S Dehumidifier

Compact Smart Dehumidifier — User Manual



Thank you for purchasing the Earthmelon MD309S Dehumidifier. Please read this manual carefully before use, and keep it for future reference.

1. Machine Parts

1. Power button

2. Light button

3. Sleep mode button

4. Timer button

5. Mode / timer display

6. Air outlet

7. Power plug

8. DC cable and plug

9. Air inlet

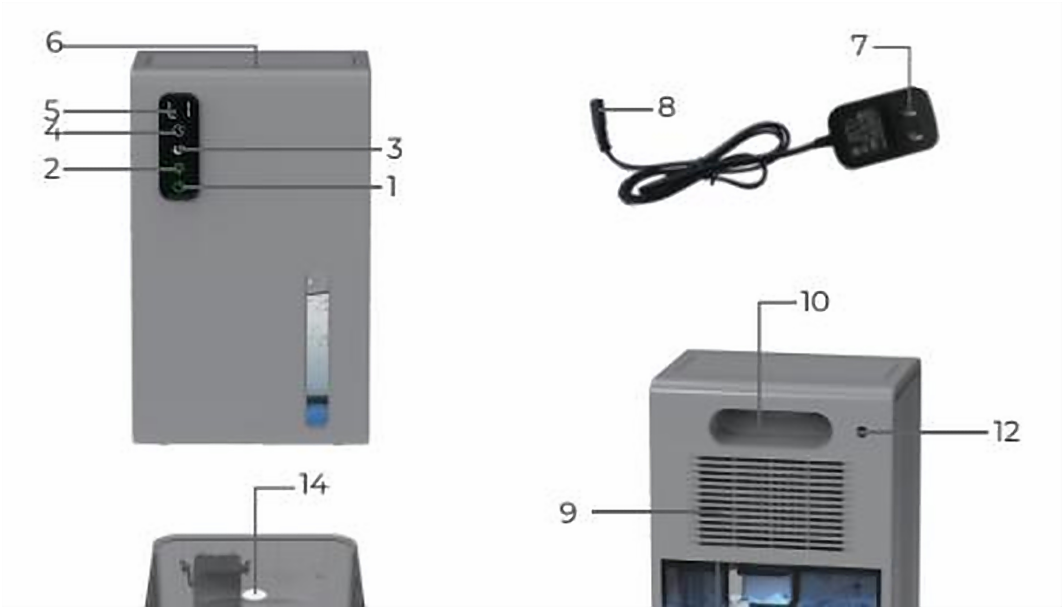
10. Handle

11. Water tank

12. DC socket

13. RGB lights (inside water tank)

14. Water inlet



Product details

2. How to Operate the Machine

Power on:

Connect the DC plug (8) of the power adaptor to the DC socket (12) on the machine, then connect the power plug (7) to an outlet within the 100–240V range.

Start:

Press the power button to start the unit. The RGB light cycles through colours, the display shows “L1”, and the fan runs at high speed.

Light control:

Press the light button to fix the RGB light at its current colour, or to turn it off completely.

Timer:
Press the timer button to set a run time of 4, 8, 16 or 24 hours, shown on the mode / timer display (5).

Sleep mode:
Press the sleep mode button (3) lightly to enter sleep mode. The fan runs at low speed, the water tank light turns off, and the display shows “L0”.

Water tank:
If the tank is missing or full, the machine stops working, the display shows “FU”, and the water tank light turns red. Switch the machine off before removing and emptying the tank.

Automatic defrosting:
The display shows “AU” during an automatic defrost cycle, then returns to normal operation once complete.

3. Product Specifications

Dehumidification capacity	Approximately 300 ml ± 10% per day at 30°C, 80% RH
Cooling element	Peltier module
Fan	80 x 80 mm DC brushless motor
Power adaptor	DC 9V, 2.5A
Power supply	100–240V, 50–60Hz
Power consumption	22.5 W
Water tank capacity	2100 ml
Dimensions	170 mm (W) x 130 mm (D) x 272 mm (H)
Optimal operating environment	Indoor temperature above 15°C; relative humidity above 40%