MD307A Dehumidifier

Intelligent Quiet Dehumidifier — User Manual



Thank you for purchasing the Earthmelon MD307A Dehumidifier. Please read this manual carefully before use, and keep it for future reference.

1. Machine Parts

1. Power button

2. Decorative light button

3. Fan speed button (high/low)

4. Timer button

5. Timer indicator

6. Air outlet

7. DC socket

8. RGB lights (inside water tank)

9. Handle

10. Air inlet

11. DC cable and plug

12. AC cable and plug

13. Water inlet

14. Water tank



Product details

2. How to Operate the Machine

Power on:

Connect the power adaptor to the machine, then plug the other end into a wall socket (Figure 1). The dehumidifier is controlled using the touch panel on top (Figure 2).

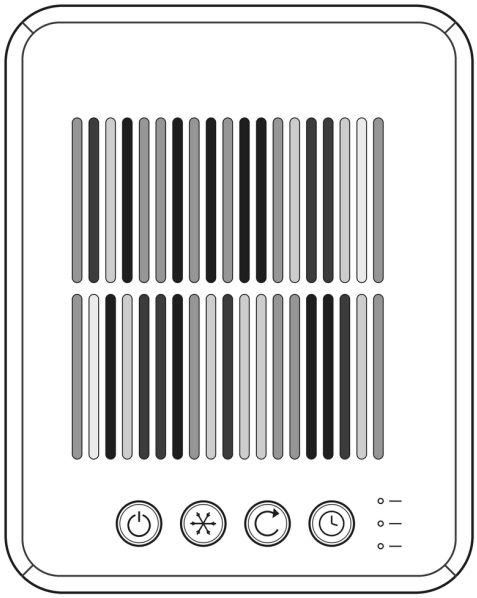


Figure 2 — top touch control panel

Start / stop:
Press the power button (1) to start the dehumidifier; the fan runs at high speed by default and air is released from the outlet. Press the button again to switch off.

Decorative light:
Press the light button (2) once for the RGB lights inside the water tank to cycle through colours automatically; press twice to fix the current colour; press three times to turn the lights off.

Fan speed:
Press the fan speed button (3) to switch between high and low speed. At low speed, the machine runs more quietly with a reduced dehumidification rate, and the water tank lights switch off. Press again to return to high speed.

Timer:
Press the timer button (4) to set a run time of 4, 6, 8, 10 or 12 hours, or continuous operation (the default). The corresponding timer indicator lights up.

3. Precautions

1. Keep the machine upright at all times. Do not tilt it or lay it on its side, as this may cause water to leak out.
2. Leave at least 10 cm of clearance around the machine, and keep clothing, bags and other objects away from the air inlet and outlet so airflow is not blocked.
3. Do not splash water onto the machine, and avoid using the power adaptor in damp locations.
4. If the water tank is not fitted, or is full, the machine stops working and the tank light turns red. Remove the tank, empty the water, and refit it to resume operation (Figure 3).

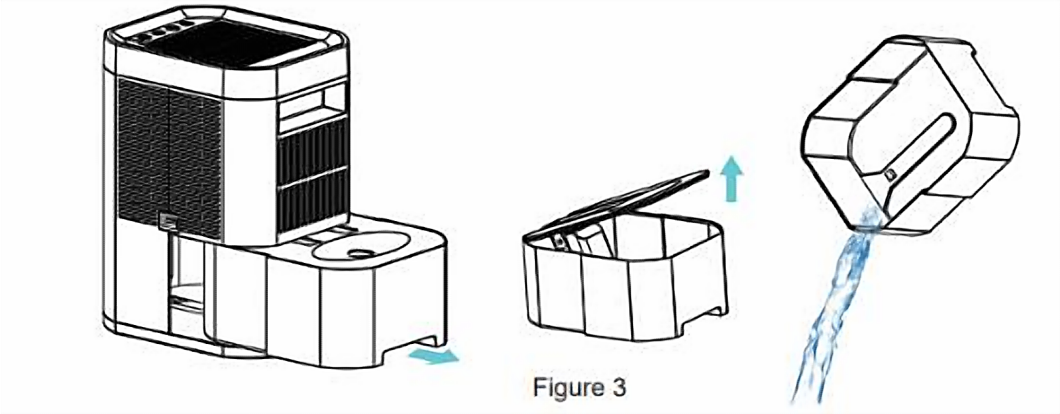


Figure 3 — removing and emptying the water tank

4. Product Specifications

Dehumidification capacity	Approximately 270 ml/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 consumption	22.5 W
Water tank capacity	1000 ml ± 10%
Dimensions	160 mm (W) x 130 mm (D) x 219 mm (H)
Optimal operating environment	Indoor temperature above 15°C; relative humidity above 40%