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CLOUD100HT

FREQUENTLY ASKED QUESTIONS

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Air6 Cloud-100HT Extractor Fan FAQ

1. What is the Air6 Cloud-100HT, and where can it be installed?

At Air6, we've engineered the Cloud-100HT to deliver the perfect balance of performance, durability, and style for your bathroom ventilation needs. Its near-silent running motor, operating at just 30dB(A) at 3m, ensures peace and tranquillity, while the powerful 95m³/h airflow effectively removes moisture and Odors. Equipped with an adjustable humidity sensor and timer, this fan is ideal for Zone 1 and 2 installations, meeting UK safety standards with its IPX4 splash-proof rating. The sleek, modern design seamlessly complements any bathroom, providing reliable, long-lasting ventilation tailored to your home.

2. What are the key features of the Air6 Cloud-100HT?

- Near-silent Operation: Operates at 30dB(A) at 3 meters, quieter than typical extractor fans with a similar extract rate of 26.4 L/s (95 m³/hour).
- Humidity Sensor: Automatically activates when humidity levels are high.
- Adjustable Timer: Runs for 1 to 30 minutes after activation.
- Stylish Design: Features a sleek white design with a colorful faceplate for aesthetic appeal.
- Anti-Back Draft Shutter: Includes a thin plastic shutter and anti-vibration silicone dampener.

3. How do I install the Air6 Cloud-100HT?

The fan is designed for easy installation in the bathroom areas. It requires a 100 mm (4-inch) duct. Follow the instruction manual for proper setup, ensuring compliance with local electrical and building regulations. A qualified electrician is recommended for safe installation, especially in wet environments. The manual is available for download from the Amazon, Ebay, Air Six website www.airsix.co.uk or at www.bathroomfans.co.uk. If you cannot find it, please email support at support@bathroomfans.co.uk or info@airsix.co.uk and we will email you one.

4. Does the fan require an electrician for installation?

While the fan is designed for straightforward installation, it's recommended to hire a qualified electrician to ensure compliance with safety standards, particularly for Zone1 bathroom installations where water exposure is possible.

5. How loud is the Air6 Cloud-100HT?

Cloud-100HT been engineered to deliver the perfect balance of performance and noise, therefore it is not completely silent, but considering its powerful operation it still operates at a low noise level of 30dB(A) at 3 meters, making it significantly quieter than many extractor fans with a similar extraction rate.

6. Can the fan's faceplate color be customized?

Yes. The Air6 Cloud-100HT comes with a colorful faceplate to match various bathroom designs. Colorful stripes are included in every box for an easy installation without tools.

7. Can the fan be used with long ducting?

The Cloud-100HT is an axial fan, best suited for short duct runs (1–3 meters). For longer ducts (up to 3–6 meters), consider a centrifugal or inline fan. Each duct bend reduces the effective length by 1 meter, so plan accordingly to maintain airflow efficiency.

8. Is the fan effective at reducing moisture?

Yes, the fan's humidity sensor and 26.5 L/s extraction rate effectively reduce moisture and prevent mold growth in bathrooms, kitchens, or utility rooms. However, for very large or fully tiled spaces, a larger model (e.g., Air6 Cloud-150HT) may be more effective.

9. How do I adjust the humidity sensor?

The humidity sensor can be adjusted from 50% to 90% relative humidity (RH) to trigger the fan based on your room's needs. To adjust:

- Turn off the power to the fan for safety.
- Remove the fan's cover to access the control panel (refer to the manual for cover removal instructions).
- Locate the humidity sensor adjustment knob.
- Use a small screwdriver (included) to set the desired RH level (e.g., 80-90% for typical bathroom use). The light indicator (next to it) will show you the selection once the power is restored.
- Replace the cover and restore power. Test the fan in a humid environment (e.g., after a shower) to ensure it activates at the set level.



10. How do I adjust the timer?

The timer can be set to run the fan for 1 to 30 minutes after activation. To adjust:

- Ensure the fan is powered off for safety.
- Remove the fan's cover to access the control panel (consult the manual for specific steps).
- Find the timer adjustment knob. (one on the left)



Timer Humidity Sensor

- Adjust the TIMER knob run-time (clockwise to increase, e.g., 10 minutes for standard bathroom ventilation).
- Secure the cover, restore power, and test the fan to confirm the timer duration.

11. What is the best humidity setting for the Air6 Cloud-100HT?

The optimal humidity setting depends on your environment. A setting of 70–80% RH is typically effective for most bathrooms to prevent mold while avoiding unnecessary fan operation. In very humid climates or poorly ventilated spaces, a lower setting (e.g., 60–70% RH) may be needed to trigger the fan more frequently.

12. Why does the fan run continuously even when humidity is low?

If the fan runs constantly, check the humidity sensor setting, as it may be set too sensitive (e.g., below 60% RH). Use a hygrometer to verify the room's humidity; typical indoor humidity is around 40–60% RH. Ensure the fan is wired correctly, as incorrect wiring or a stuck override (e.g., light switch) can cause continuous operation. If the issue persists, the unit may be faulty—contact the **Air6 support**.

13. How can I test if the humidity sensor is working correctly?

To test the sensor:

- Set the humidity sensor to a low RH level (e.g., 50%).
- Create humidity in the room, such as by running a hot shower for a few minutes.
- The fan should activate automatically when the humidity exceeds the set threshold.

If it doesn't activate, check the power supply, ensure the sensor is clean, and verify the RH setting. Consult the manual or contact Air6 support if issues persist.

14. Can I disable the humidity sensor or timer?

The Air6 Cloud-100HT's humidity sensor and timer are integral features and cannot be fully disabled without bypassing the fan's intended functionality. However, you can set the humidity

sensor to its highest setting (90% RH) to minimize automatic activation or the timer to its shortest duration (1 minute) for minimal run-time. Check the manual for specific guidance or consult a professional electrician for custom configurations.

15. Why does the fan switch off when I turn off the light?

If the fan stops when the light is turned off, it's likely wired to the lighting circuit without a permanent live connection. The Cloud-100HT requires a permanent live (constant power) to operate its humidity sensor and timer functions independently of the light switch. If wired only to the switched live (e.g., via the light switch), the fan will lose power when the light is off, disabling automatic humidity or timer operation. To fix this, have a qualified electrician rewire the fan to include a permanent live connection, typically using a three-core cable (live, neutral, and switched live) to support both manual (light-linked) and automatic operation.

16. What is the warranty period for the Air6 Cloud-100HT?

The fan comes with a 2-year guarantee, which can be extended to 3 years by registering the product online through the Air Six Ltd website www.airsix.co.uk

17. How do I maintain the Air6 Cloud-100HT?

- **Cleaning:** Regularly clean the fan's exterior and faceplate with a soft, damp cloth to remove dust. Ensure the fan is powered off before cleaning.
- **Filter/Shutter Check:** Inspect the anti-back draft shutter periodically to ensure it moves freely and is free of debris.
- **Ventilation Path:** Ensure the ducting is clear of obstructions to maintain optimal airflow. Refer to the manual for detailed maintenance steps.

18. What should I do if the fan stops working?

- **Check Power Supply:** Ensure the fan is receiving power and that circuit breakers or fuses are intact.
- **Inspect Settings:** Verify the humidity sensor and timer settings are correctly configured.
- **Clean the Fan:** Dust or debris buildup may affect performance.
- **Contact Air6 Support.**

Warranty: If the fan fails within the warranty period (2–3 years), contact Air Six or the retailer (e.g., Amazon or BathroomFans.co.uk, other) for support.

19. What are bathroom zones and what does the numbers mean?

You can find more info on UK regulations for bathroom zones on NIC EIC web

<https://niceic.com/householders/bathrooms-and-electrics/>.

20. Who should I contact for further support?

For additional questions or support, contact Air Six Ltd through their official website

www.airsix.co.uk Email team at info@airsix.co.uk, or support@bathroomfans.co.uk

or call **0800 699 0966** MON-FRI 8AM – 6PM, SAT 9AM-2PM