

# Can ARIA units be used individually in wet room areas?

Yes, [ARIA](#) units can be used individually in [wet room](#) areas. They are designed specifically for continuous operation in spaces like kitchens, bathrooms, and utility rooms, effectively managing humidity and improving air quality.

## Understanding ARIA Units in Wet rooms

### What are ARIA Units?

ARIA units are [decentralised mechanical extract ventilation](#) (DMEV) systems tailored for continuous operation in wet room environments. They are engineered to extract moisture-laden air efficiently, preventing dampness and mould growth.

### Key Features of ARIA Units

- **Continuous Operation:** Unlike traditional extract fans that operate intermittently, ARIA units run continuously, ensuring consistent air quality management.
- **Humidity Control:** Equipped with built-in humidistats, these units automatically adjust their operation based on humidity levels, boosting [airflow](#) when necessary.
- **Energy Efficiency:** Designed with energy-saving in mind, ARIA units consume minimal power while providing effective ventilation.
- **Quiet Operation:** These units are designed to operate quietly, making them suitable for residential settings without causing disturbance.

### Benefits of Using ARIA Units in Wet rooms

1. **Prevention of [Damp](#) and Mould:** By continuously extracting moist air, ARIA units significantly reduce the risk of damp-related issues, which are common in kitchens and bathrooms.
2. **Improved Air Quality:** Regular air exchange helps remove indoor pollutants, allergens, and odours, contributing to a healthier living environment.
3. **User-Friendly Features:** With options for manual [boost](#) mode and run-on timers, users have control over ventilation levels, adapting to their specific needs.

## Installation Considerations

### Individual Installation

ARIA units can be installed as standalone systems in individual wet room areas. This flexibility allows homeowners to tailor ventilation solutions based on specific room requirements.

### Installation Guidelines

1. **Location:** ARIA units should be installed in areas where moisture accumulates, such as directly above showers or near sinks.
2. **Ducting:** While ARIA units can function without extensive ducting, connecting them to external ducts can enhance performance by directing extracted air outside.

3. Electrical Requirements: Ensure that the electrical supply meets the unit's specifications to facilitate optimal operation.

## **Compliance with Regulations**

When installing ARIA units, it's crucial to adhere to local building regulations. In the UK, compliance with the Building Regulations Part F (Ventilation) ensures that the units are installed correctly and effectively.

## **Performance Data**

### **Specifications**

- [Airflow Rate](#): ARIA units can extract between 5 to 25 litres per second, depending on the model and settings.
- Power Consumption: These units consume between 1 to 5.8 watts, making them highly efficient.
- Noise Levels: Operating at a sound level as low as 9 dB(A), ARIA units provide a quiet solution for ventilation needs.

### **Effectiveness in Wet room Environments**

Studies and user feedback indicate that ARIA units effectively manage humidity levels in wet rooms, leading to a noticeable decrease in damp and mould incidents. Their ability to adapt to changing humidity levels makes them particularly suitable for environments prone to moisture.