

# Case Study

## Air Quality Defines Modern Luxury

A premium residential developer sought a solution to eliminate odour issues and complaints arising from its STP in their new project.

### THE PROBLEM

**01**

Nearly ₹1 crore spent without addressing the root cause of odour.

**02**

Oversized ducting consumed premium utility space worth ₹35 lakh per cent.

**03**

High-horsepower fans drove up energy use and maintenance costs.

**04**

Corrosive gases caused duct failures every few years, inflating long-term ownership costs.

### THE AQOZA® OCU SOLUTION

#### Localized Treatment, Zero Odour Transfer

The OCU captured and filtered gases at the source, using a dry scrubber system integrated with sealed tank covers, ensuring odour neutralization before air release.

#### Operational Optimization

Air-change requirements dropped significantly, enabling the use of a 5 HP motor, reducing energy consumption and maintenance costs.

#### Design Integration

Compact, low-noise units restored valuable operational space within the STP, improving safety and accessibility.

#### Aesthetic Versatility

With its refined finish and corrosion-resistant materials, the OCU can be installed even in open landscaped areas, aligning with the development's design ethos.

#### Sustainable Materials

The filtration media is activated carbon derived from coconut shells and reinforced the builder's ESG commitment to low-carbon, circular design practices.

# What does that mean for the developer?

**₹1 crore  
CapEx saved**

by removing the terrace ducting requirement, the builder was able to achieve instant ROI.



**83% lower  
operational expenses**

Achieved with AQOZA's 5 HP OCU, which reduced air-change needs and eliminated heavy blowers and ducting, freeing valuable floor space.



**80% reduced  
energy  
consumption  
and  
maintenance  
costs.**



**300 tons  
of CO<sub>2</sub>**

**reduced annually**

Streamlined air handling, efficient filtration, and electricity savings from optimized fan operation led to a carbon reduction aligning with the developer's sustainability KPIs.



**100%  
elimination of  
unpleasant  
odours**

Residents and facility teams reported complete odour neutralization.



**Cost Efficient  
Solution**



**Enhanced  
Brand Perception**



**Space Value  
Recovery**



**No Replacement  
Liabilities**

Contact us to know more about space recovery and cost-effectively eliminating odour.

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