

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 CO₂**

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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