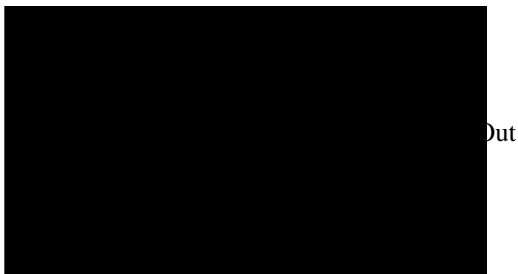


# Home Air Pollution Cleaning Device - Summary

This document summarizes potential patentable features, industry applications, customer segments, and licensing value for a home air pollution cleaning device. The goal is to help you position the invention for commercialization and technology licensing.



Out

**Key Patentable Features**

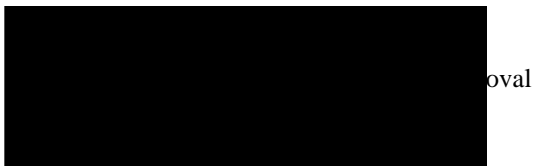
- Hybrid filtration + catalytic VOC destruction
- Adaptive sensing and airflow optimization
- Modular replaceable core system
- Smart-home ecosystem integration

**Industries**

Residential HVAC, consumer smart home, healthcare, hospitality, and light industrial.

**Licensing Value (Typical Ranges)**

- Upfront: \$50k–\$500k
- Royalties: 2%–8% of net sales
- Higher tiers possible with strong IP + performance data



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