

Case Study

CHANGE IS IN THE AIR

INGENIOUS AIR



Key Benefits

- ✓ Comfortable, virtually draught-free, heating, cooling & air purification in one system.
- ✓ Air purification dramatically improves indoor air quality.
- ✓ Discreet air outlets blend beautifully into the stunning interior design.
- ✓ Built-in humidity control removes excess humidity caused by heated equipment.

Mayfair Barbershop Dramatically Improves Indoor Air Quality

The Problem:

A top Mayfair barbershop had to replace their old air conditioning systems, which ran on ozone-depleting R22 gas. R22 is in the process of being phased out. The barbers needed an energy efficient solution, which would complement their traditional decor and beautiful mahogany panels. They also needed to improve the working environment as the staff often complained of feeling uncomfortable. They worked in draughts caused by the air conditioning systems and in high humidity generated by hair dryers and heating equipment. The air was also full of airborne chemicals such as dyes and hairspray.

The Solution:

Three 10kW Ingenious Air® Small Duct Systems were installed to provide heating, cooling and air purification. Each system was paired with the high specification air purification module (HEPS) to remove airborne chemicals. The system has a natural action that reduces humidity. Combined with the air purification, this greatly improved indoor air quality. The environment is much more comfortable for both staff and customers.

Discreet air outlets blend in beautifully with the décor: Some were painted to exactly match the rich mahogany product cabinets, while white outlets sit discreetly in out-of-traffic areas in the ceiling. A combination of standard and louvred outlets increased design flexibility. Louvred outlets give extra control over the direction of air flow, meaning the client could choose where they could be positioned.

With just three Ingenious Air® Small Duct Systems servicing the entire premises, there are fewer components to maintain. This reduces maintenance time, costs and disruption. The Ingenious Air systems also protect the barbers against future gas regulation changes: if the current gas is phased out, as R22 was, only the outdoor units and cooling coil needs to be changed. The rest of the system stays the same.

Follow Up:

The barbershop enjoys a draught-free, responsive and reliable heating, cooling and air purification system. It blends discreetly into the stunning interior design. Indoor air quality is hugely improved, and the staff and customers are comfortable and happy.