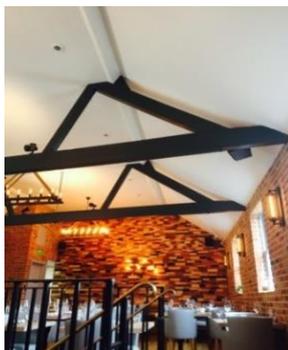


Case Study

For Your Perfect Indoor Climate



Key Benefits

- ✓ Comfortable, virtually draught-free heating & cooling in one system.
- ✓ De-stratification action creates even temperatures and solves the issue of 4m high ceilings.
- ✓ Discreet air outlets blend beautifully into the stunning interior design.
- ✓ Responsive controls ensure set temperature is reached quickly.

Customers Enjoy Fine Dining in Comfort

The problem: When the owners of Bake 'n' Grape opened their new restaurant, they wanted to 'shake up' Chelmsford's dining scene. Aiming to provide a high quality service, they needed to create an enticing indoor environment where customers could relax, socialise and enjoy great food. The owners prioritised finding a comfortable heating and cooling system. Coming from the world of business, they had often felt the uncomfortable chill of an air conditioning draught in their working environment. They wanted to ensure their customers did not experience the same discomfort. Having invested in the stunning interior design, they also needed a system to blend in unobtrusively. Large air conditioning grilles or bulky radiators would negatively impact the decor. The system also needed to overcome the challenges posed by the 4-metre high ceiling.

The solution: One 19kW Ingenious Air Small Duct System, paired with a sustainable technology 20kW heat pump, provided energy efficient heating and cooling. The system's natural de-stratification pattern solved the concerns over the high ceiling: Warm air that normally rises and is trapped at ceiling height is brought down and mixed with cooler, lower level air. The room temperature is even and set temperature is maintained more effectively and efficiently. No heat is wasted, which means the heat pump can be switched off for longer periods, saving energy.

Discreet white air outlets positioned in the walls and ceiling beautifully complement the interior design. Having no radiators or large grilles to accommodate frees up wall and floor space, allowing tables to be placed anywhere in the dining area. Adding louvered inserts to the air outlets gives control over airflow direction in the 4m high ceiling.

Follow up: Bake 'n' Grape provides an exceptionally comfortable dining experience.

Chris Windram, Owner, Bake 'n' Grape "We wanted to bring quality 'London style' dining to Chelmsford. While exquisite food is a big part of that experience, the indoor comfort of our clients and interior of the restaurant had to be a cut above the other restaurants in the city. We absolutely did not want our clients complaining that they were too hot or cold or that anything about the indoor environment was ruining the meal our staff had skilfully prepared for them. We chose the Ingenious Air Small Duct System as it offered both discreet styling without compromising the interior and allowed us to deliver on our promise of quality dining in an unrivalled atmosphere."



The Ingenious Air Small Duct System - WINNER of UK 'Air Conditioning Product of the Year' RAC Industry Cooling Awards 2015

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