



## Air Conditioning with Quantum Group



We have all become accustomed to air conditioning in our cars and now that summer temperatures are regularly higher than they were a few years ago, many people are looking for ways to keeping their homes cool with air conditioning.

Whether you are looking at cooling a single room or a whole house, or somewhere in between, we can design and find the right solution for you. From hi-velocity small duct systems through to wall mounted, ducted, cassettes, floor standing or ceiling suspended units, we will consider your requirements and budget and consult with your third parties if required; architects, design engineers and builders to ensure that our design meets your needs.

From initial discussions through to free surveys, we will guide you through the process and the same high level of care continues through installation to commissioning and handover. Our experienced and talented team of employees are all committed to providing the highest level of service and this is why our customers not only recommend us but return year after year.



We know how important it is to ensure that your workforce are operating in the right temperatures and this is equally as important for your customers and equipment. From offices to server rooms, restaurants to shops and schools to hospitals, we have the skills, knowledge and experience to provide you with the perfect commercial air conditioning.

There are so many different systems on the market with different heating and cooling options that it is important that you receive professional advice to ensure that you select the most suitable system for your business and property.

We have been offering a design and installation service for over 20 years and our customers range from small businesses to the NHS.

We work closely with leading manufacturers such as Daikin, Mitsubishi Electric, LG and Panasonic and undergo regular training to ensure our knowledge enables us to recommend the latest air conditioning technologies that deliver energy efficiency and performance.





Invisible.AC is a discreet and quiet hi-velocity ducted system and offers versatile and efficient air conditioning, heating, ventilation and UV air purification solution.



Wall mounted units are the most popular choice for residential properties mainly because they are the cheapest to install but also because they can be retrofitted in rooms without the need for redecoration. The units are usually long and thin and placed at a high level on the wall.



Ducted systems are usually a more expensive choice but are aesthetically pleasing. They can be used to cool multiple rooms, but you cannot have room control unless there is more than one system. The unit can be concealed in a false or suspended ceiling so that only a grille is visible.



Ceiling cassettes are engineered to provide optimal air flow in 4 directions in all types of small and large spaces, while freeing up wall and floor space.



Floor standing units are a great solution for buildings that do not have a lot of available wall space or those that have fragile walls/glass walls. They can also be used in premises where the ceiling space is not suitable or the unit needs to be concealed at a low level and out of line of sight.



Ceiling suspended units are fitted to the ceiling to provide fast and effective cooling in large spaces and feature swing louvres which effectively distribute cool air around a large space.

Invisible.AC offers versatile and efficient air conditioning, heating, ventilation and UV air purification solution for residential, commercial, new build and heritage buildings. The highly efficient air-handling units distribute cooled or warmed air through flexible space-saving mini-ducts, injecting the air at hi-velocity through discreet linear slots or round ceiling or floor outlets.

The aspiration air jets eliminate drafts and ensure a temperature differential no greater than 1°C throughout a room (compared to a variation of up to 6°C with other air conditioning systems).

The system also removes 30% more relative humidity. The reduced humidity means that the temperature can be set higher, saving energy and running costs when cooling.

System zoning provides flexibility and control to set precise temperatures for different conditions in different areas.

The Invisible.AC system is one of the quietest systems as the use of acoustic technology throughout ensures that the system operates at low noise levels with minimum vibration.



## Wall Mounted Units

Wall mounted units are recognised for their good design and their sleek and elegant appearances make climate control stylish.

Wall mounted air conditioners are the most common units used in a room setting. The two main advantages are that wall units are normally the cheapest to install and they can be retrofitted in rooms without the need for redecoration. They are extremely quiet and usually placed at a high level on the wall.



## Ducted Units

Ducted units are designed to be completely concealed usually in a false or suspended ceiling.

They are usually one of the more expensive options, but they are certainly aesthetically pleasing and are proving hugely popular in new-build properties. The ductwork and unit are hidden within the ceiling or loft space, so all that is visible is a small and unobtrusive grille in the ceiling.



There are various grille designs available that suit different shapes and sizes of room. Our surveyors will talk you through various solutions, to ensure you achieve the design aesthetic you desire.

# Ceiling Cassettes

Ceiling cassettes are engineered to provide optimal air flow in 4 directions in all types of small and large spaces, while freeing up wall and floor space. They are aesthetically pleasing as they are installed in the ceiling and away from eye level.





## Floor Standing Units

Floor mounted units are useful for inside spaces that lack sufficient wall space or within buildings constructed of fragile materials such as glass and are mounted on the floor or very close to the floor.



Floor mounted units can look very discreet minimising the impact on the room's aesthetics.

The best interior environments in which to use floor mounted air conditioners have minimal obstructions to the cool air flow.

# Ceiling Suspended Units

Ceiling suspended units are the ideal solution for rooms without false ceilings and are perfect for uniform air distribution in large spaces because of their long air flow. Although less discreet than ceiling cassettes, modern units are slim and lightweight, unoffensive in appearance and extremely quiet when in operation.



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