

Home cooling & Comfort.

A guide to home
air conditioning
with **GHR**.



More than just cooling.

Modern air conditioning systems are highly efficient air source heat pumps designed to keep your home comfortable throughout the year.



Cooling

Maintain a comfortable indoor temperature during warmer months, improving sleep, concentration and overall comfort.



Heating

Modern systems are exceptionally efficient heaters, delivering several kilowatts of heat for every kilowatt of electricity used.



Dehumidification

Reduce excess moisture in the home, helping rooms feel fresher and more comfortable, even on humid days.



Air Filtration

Washable filters capture dust and airborne particles, contributing to a cleaner indoor environment.

Efficient by design.

The efficiency of a heating system is often expressed as its SCOP (Seasonal Coefficient of Performance).

A modern air conditioning system may achieve a **SCOP of 4.5 or greater**, meaning that over a typical heating season it can deliver approximately **4.5kWh of heat** for every **1kWh of electricity** used.

A common misconception

Many people assume air conditioning is expensive to use because they remember older systems from offices, shops or holidays abroad.

Modern inverter-driven systems are very different. They continuously adjust their output to match the heating or cooling demand of the room, using only the energy required to maintain comfort.



Many homeowners are pleasantly surprised by the running costs.



The right system for every home.

Modern air conditioning systems can be tailored to suit almost any property, from a single bedroom to a whole-house installation.



1 High Wall Units

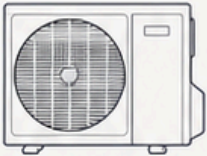
The most common and cost-effective solution.

Ideal for:

- ✓ Bedrooms
- ✓ Home offices
- ✓ Garden rooms
- ✓ Living spaces

Benefits

- Quiet operation
- Excellent efficiency
- App control
- Rapid heating and cooling



2 Multi-Split Systems

One outdoor unit serving multiple rooms.

Ideal where outdoor space is limited.

Benefits

- Reduced visual impact outside
- Individual room control
- Flexible installation options



3 Concealed Ducted Systems

The premium architectural option. Conditioned air is delivered through discreet ceiling grilles.

Ideal for:

- Open plan kitchens
- New builds
- Renovations
- Architect-designed homes

Benefits

- Virtually invisible
- Even air distribution
- Quiet operation
- Clean minimalist aesthetic



Not sure which option is right for your home?

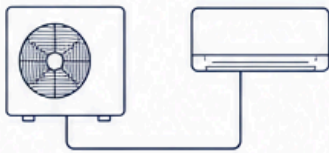
Every quotation includes advice tailored to your property, budget and aesthetic preferences.



Different types of systems.

Modern air conditioning systems can be tailored to suit almost any property, from a single bedroom to a whole-house installation.

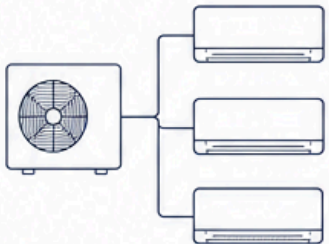
1. SINGLE SPLIT



One outdoor unit connected to one indoor unit.

Ideal for cooling or heating individual rooms such as bedrooms, home offices and garden rooms.

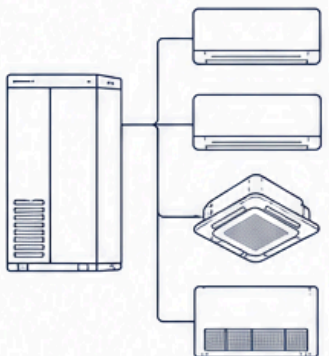
2. MULTI-SPLIT



One outdoor unit connected to multiple indoor units.

Suitable where outdoor space is limited or where several rooms require independent temperature control.

3. VRF / VRV



Variable refrigerant flow systems designed for larger homes and commercial properties.

Capable of serving many indoor units with precise individual control and exceptional efficiency.

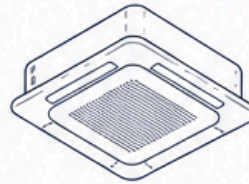
4. HIGH WALL UNITS



The most popular and cost-effective solution.

Quiet, efficient and well suited to most domestic applications.

5. CASSETTE UNITS

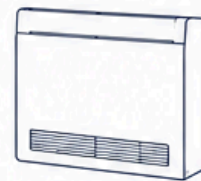


Installed within suspended or plasterboard ceilings.

Provide even air distribution and a discreet appearance.

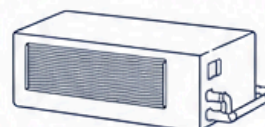
Ideal for offices, cafés and open plan spaces.

6. WALL CONSOLE UNITS



Installed at low level, similar in position to a traditional radiator. Useful where high wall mounting is undesirable.

7. FAN COIL UNITS



Usually concealed within ceilings, cupboards or service voids.

Conditioned air is supplied through grilles or linear slot diffusers.

Favoured for premium residential projects and architect-led schemes.



Not sure which system is right for you?

Every property is unique. We'll assess your space, needs and budget to recommend the perfect solution.

 01492 437003

 www.griffithsheating.uk

What to expect from an **installation.**

A considered approach from first visit to final commissioning.



SINGLE SPLIT

Typically installed in a **single working day.**



MULTI-SPLIT

Up to **five days** depending on the size and complexity of the project.

INSTALLED PROPERLY.

- ✓ Dedicated electrical supplies installed in accordance with BS7671.
- ✓ Nitrogen pressure testing of all refrigeration pipework.
- ✓ Deep vacuum evacuation using calibrated equipment.
- ✓ Certified electrical work with all documentation provided.
- ✓ Manufacturer commissioning and performance testing.
- ✓ App setup and full system demonstration.

RESPECT FOR YOUR HOME.

- ✓ Floors protected throughout.
- ✓ Dust extraction used wherever practical.
- ✓ Waste removed daily.



We aim to leave your home looking as though we were **never there.**

Why GHR Climate Systems.

Climate control,
approached differently.



Engineering Led

Systems are designed around performance, aesthetics and long-term reliability rather than simply fitting the biggest unit available.



Installed Properly

Dedicated electrical supplies, pressure testing, vacuum evacuation and commissioning are carried out in accordance with manufacturer requirements and industry best practice.



Design Focused

We believe air conditioning should complement a home, not dominate it. Concealed systems, thoughtful pipe routes and discreet installations are always considered.



Independent Advice

We are not tied to a single manufacturer and can recommend equipment suited to your property, budget and expectations.



Residential & Commercial

From bedrooms and garden rooms to offices, cafés and architect-designed homes, systems are tailored to suit the way spaces are used.



Support Beyond Handover

Commissioning, app setup, servicing and ongoing advice ensure you continue to get the most from your system long after installation.



F-Gas Category I
Certified



Electrical Certification
Provided



Domestic & Commercial
Installations



Designed and installed
throughout North Wales



Ready to improve comfort in your home?

Air conditioning is no longer simply about keeping cool. Modern systems provide efficient heating, dehumidification, filtration and year-round comfort tailored to the way you live.



01492 437003



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Designed and installed throughout North Wales
by GHR Climate Systems.