

HOUSEBUILDERS: take the easy route to  
**HEAT PUMP INSTALLATIONS**  
with up to 7-year warranties



AUTHORISED DISTRIBUTOR OF

**Panasonic**  
heating & cooling solutions

DYSK Renewables can help housebuilders make their new homes stand out from the crowd by offering potential buyers sustainable, renewable heating and ventilation solutions – all backed by a 7-year warranty.

Thanks to the company's Total Renewable service, housebuilders no longer need to be concerned about building new homes that include heat pumps integrated with other heating and ventilation technologies. As a Panasonic Specialist Renewable Distributor, DYSK provides the full range of Panasonic Aquarea MCS certified air source and hybrid heat pumps, complete with market-leading three, five or seven-year product warranties.

The company also offers integrated whole house heating, ventilation and air conditioning systems combining products from other market-leading manufacturers including Envirotube Underfloor Heating, Domus Ventilation Systems, Invisible.AC Small Duct Air Conditioning Systems and many more.

### Building Control Compliance

Due to ever more stringent energy efficiency standards, renewable energy-based heating and heat recovery ventilation is becoming more desirable to developers in order to obtain building control compliance. To comply with the regulations, these technologies must be designed, installed and commissioned to a strict set of standards and procedures.

DYSK's Total Renewable service helps installers and developers meet these requirements. Further details on MCS approved renewable energy heating system installations can be found in the National House Builders Council (NHBC) Technical Manual and in the BPEC domestic ventilation certification requirements.

### Taking Full Responsibility

Let DYSK take full responsibility for your installation. Housebuilders simply need to contact DYSK with ideas or details of their proposed development and in return DYSK will:

- Arrange site visits and surveys to provide detailed MCS compliant system design proposals for a fully integrated renewable system including heat pumps, underfloor heating, radiators, ventilation, air conditioning and other requirements
- Provide comprehensive system designs, layouts, engineering drawings, heat loss calculations, installation manuals
- Undertake final commissioning and register the project with Building Control.
- Arrange delivery of all products, backed by full manufacturers' warranties including Panasonic Aquarea's market leading 3, 5 or 7-year warranty.
- Remotely monitor and operate your Panasonic Aquarea Smart Cloud heat pump and service agreements,
- Facilitate free installation training for preferred installers through Panasonic's regional training centres

[www.DYSK.co.uk](http://www.DYSK.co.uk)

### Experience and Credentials

DYSK Renewable's expert professional team is comprised of experienced engineers, system designers, sales and marketing personnel with many years' experience who fully understand how to specify and implement complete renewable solutions.

Visit [www.DYSK.co.uk](http://www.DYSK.co.uk)



### Why choose a Panasonic Air Source Heat Pump?

A high efficiency Panasonic Aquarea air-to-water heat pump (ASHP) uses heat from the outside air to warm a home's central heating and hot water systems. Even when it's freezing outside, a Panasonic Aquarea air-to-water heat pump can extract heat from the air using it as a highly effective form of renewable energy.

For every kilowatt of electricity the heat pump uses, it generates about 3-4 kilowatts of renewable heat from the air. Over the course of a year, it's up to 300% more efficient (even the most efficient fossil fuel boiler is less than 100% efficient). Best of all, running costs could be even lower when you choose Panasonic, particularly if a home is heated by oil, LPG or electricity. The future of heating is here.

### The Panasonic Aquarea range from DYSK

DYSK offers the full range of Panasonic Aquarea ASHPs. These highly reliable domestic heating and hot water solutions are suitable for new-build properties. Fully compliant with ErP and other environmental directives, Panasonic's high seasonal efficiency heat pumps are designed to lower energy bills and reduce carbon emissions.



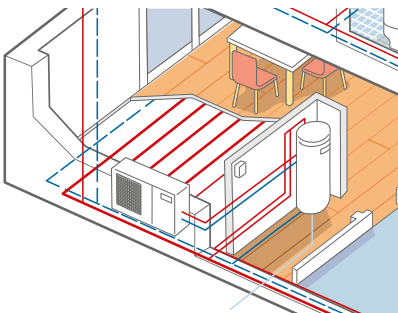
## Select the right system to suit your needs

### High Performance Monobloc system

Panasonic Aquarea Low Temperature (LT) Monobloc is the most compact ever all-in-one heat pump. Yet it's also extremely energy-efficient and reliable, all year round. A natural fit for homes where space is limited, the Panasonic Aquarea LT Monobloc has only a controller indoors, while the compact and quiet outdoor unit can be installed almost anywhere – under a windowsill, or in the smallest of gardens. Perfect for an energy-efficient new property, it's also suitable for replacing an older heating system.

#### Three key advantages

1. Coefficient of Performance up to 5.08\*
2. Space-saving design
3. Reliable operation even when -20°C outside

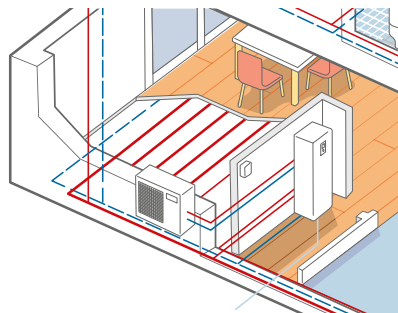


### High Performance Split system

Panasonic Aquarea Low Temperature (LT) Split is the most versatile and efficient air-to-water heat pump for new properties and low-energy homes. Offering the ultimate in comfort and control for heating and hot water, the Panasonic Aquarea LT Split system includes a space saving, wall-hung indoor unit and optional hot water cylinder, while the compact and quiet outdoor unit can be installed almost anywhere – up to 30 metres from the property. Perfect for an energy-efficient new home, it's also suitable for replacing an older heating system.

#### Three key advantages

1. High efficiency (COP up to 5.08\*) with typical annual efficiencies of up to 300%
2. Ideal for new properties and low energy homes
3. Reliable operation even when -20°C outside

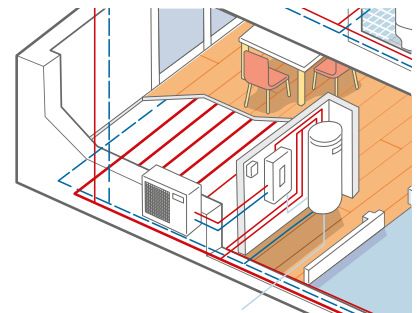


### High Temperature Split system

Panasonic Aquarea High Temperature (HT) air-to-water heat pump is the ideal solution for refurbishment and renovation projects. Designed to work perfectly with existing radiators, it can replace an existing boiler with little fuss. The compact and quiet outdoor unit can be installed up to 30 metres from the property. Offering efficient heating and hot water, with fast heat-up times, the Panasonic Aquarea HT promises comfort and reliability even when it's below zero outside.

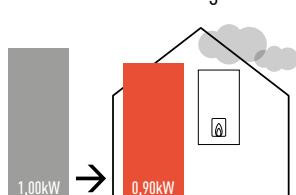
#### Three key advantages

1. Ideal for refurbishment and retrofit projects
2. Works with your existing radiators
3. Simple replacement for oil boiler

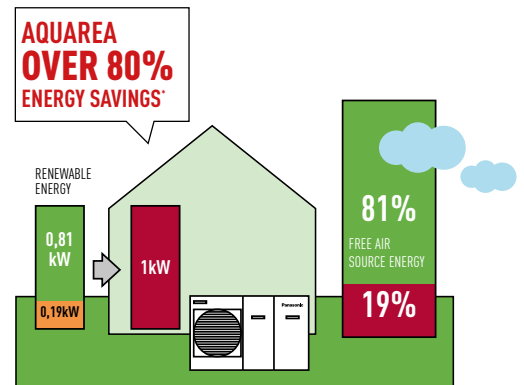
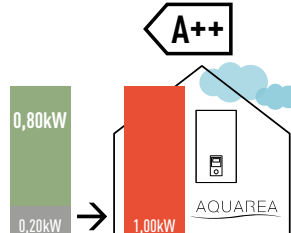
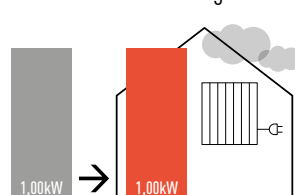


## Why choose a Panasonic Air Source Heat Pump?

#### Gas or oil boiler heating



#### Direct electrical heating



## Aquarea Smart Cloud for end users

### Easy and powerful energy management

The Aquarea Smart Cloud is much more than a simple thermostat for switching a heating device on or off. It is a powerful and intuitive service for remotely controlling the full range of heating and hot water functions, including monitoring energy consumption.

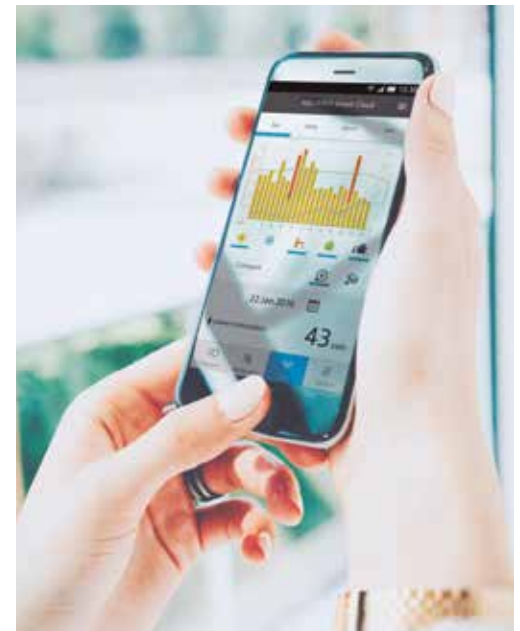
### How does it work?

Connect Aquarea H Generation system to the cloud using wireless LAN or a wired LAN Network. The user can connect to the Cloud portal to remotely operate all unit functions and can also permit partners to access customised functions for remote maintenance and monitoring.

See demo: <https://aquarea.aircon.panasonic.eu>

### Requirements

1. H Generation Aquarea system
2. In-house internet connection with router wireless LAN or wired LAN
3. Get a Panasonic ID in <https://aquarea-smart.panasonic.com/>



### Functions:

- Visualisation & Control
- Scheduling
- Energy Statistics
- Malfunction notification



WATCH DEMO



DYSK PLC

7 Allied Business Centre, Coldharbour Lane, Harpenden, Herts AL5 4UT

Tel 01582 463420

Fax 01582 765986

Email [renewables@dysk.co.uk](mailto:renewables@dysk.co.uk)

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