Comhairle Contae Chill Mhantáin
Wicklow County Council

Pleanáil, Forbairt Eacnamaíochta agus Tuaithe
Planning, Economic and Rural Development

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Gabrielle Igoe
6 Woodlands Court
Greystones
Co. Wicklow
A63 PK65

17th January 2026

RE: Declaration in accordance with Section 5 of the Planning & Development Acts 2000 (As Amended) -EX 144/2025 for Helen Clarke

A Chara,

I enclose herewith Declaration in accordance with Article 5 (2) (A) of the Planning & Development Act 2000.

Where a Declaration is used under this Section any person issued with a Declaration under subsection (2) (a) may, on payment to An Coimisiún Pleanála of such fee as may be prescribed, refer a declaration for review by the Coimisiún within four weeks of the date of the issuing of the declaration by the Local Authority.

Is mise, le meas,

ADMINISTRATIVE OFFICER
PLANNING DEVELOPMENT & ENVIRONMENT

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DECLARATION IN ACCORDANCE WITH ARTICLE 5 (2) (A) OF THE PLANNING & DEVELOPMENT ACT 2000 AS AMENDED

Applicant: Gabrielle Igoe

Location: Apartment 6 Woodlands Court, Greystones, Co. Wicklow

Reference Number: EX 144/2025

CHIEF EXECUTIVE ORDER NO. CE/PERD/2026/33

A question has arisen as to whether "Installation of external air-to-water heat pump to the front elevation" of Apartment 6 Woodlands Court, Greystones, Co. Wicklow is or is not exempted development.

Having regard to:

1. The details received with this Section 5 request on the 15th December 2025.
2. Section 2(1) of the Planning and Development Act 2000, as amended
3. Section 3 of the Planning and Development Act 2000, as amended
4. Article 5, and Class 2 of Part 1 of Schedule 2 of the Planning and Development Regulations 2001, as amended

Main Reasons with respect to Section 5 Declaration:

A. The installation of an external air to water heat pump is works and therefore development having regard to Section 3 of the Planning and Development Act 2000 (as amended).
B. Article 5 of the Planning and Development Regulations 2001 (as amended) provides that "house" does not, as regards development of classes 1, 2, 3, 4, 6(b)(ii), 7 or 8 specified in column 1 of Part 1 of Schedule 2, or development to which articles 10(4) or 10(5) refer, include a building designed for use or used as 2 or more dwellings or a flat, an apartment or other dwelling within such a building;
C. The provision of an external air-to-water heat pump to the apartment unit would not come within the description set out in Class 2 having regard to the interpretation of house as set out in Article 5 which does not include apartments.

The Planning Authority considers that "Installation of external air-to-water heat pump to the front elevation" of Apartment 6 Woodlands Court, Greystones, Co. Wicklow **is development and is NOT exempted development.**

Signed: Nicola Nerney Dated: 12/01/2026

ADMINISTRATIVE OFFICER
PLANNING DEVELOPMENT & ENVIRONMENT

WICKLOW COUNTY COUNCIL

PLANNING & DEVELOPMENT ACTS 2000 (As Amended)
SECTION 5

CHIEF EXECUTIVE ORDER NO. CE/PERD/2026/33

Reference Number: EX 144/2025

Name of Applicant: Gabrielle Igoe

Nature of Application: Section 5 Referral as to whether "Installation of external air-to-water heat pump to the front elevation" of Apartment 6 Woodlands Court, Greystones, Co. Wicklow is or is not development and is or is not exempted development.

Report from: Neal Murphy, EP & Patrice Ryan, SEP

With respect to the query under Section 5 of the Planning & Development Act 2000 as to whether "Installation of external air-to-water heat pump to the front elevation" of Apartment 6 Woodlands Court, Greystones, Co. Wicklow is or is not exempted development within the meaning of the Planning & Development Act 2000 (as amended)

Having regard to:

1. The details received with this Section 5 request on the 15th December 2025.
2. Section 2(1) of the Planning and Development Act 2000, as amended
3. Section 3 of the Planning and Development Act 2000, as amended
4. Article 5, and Class 2 of Part 1 of Schedule 2 of the Planning and Development Regulations 2001, as amended

Main Reasons with respect to Section 5 Declaration:

A. The installation of an external air to water heat pump is works and therefore development having regard to Section 3 of the Planning and Development Act 2000 (as amended).
B. Article 5 of the Planning and Development Regulations 2001 (as amended) provides that "house" does not, as regards development of classes 1, 2, 3, 4, 6(b)(ii), 7 or 8 specified in column 1 of Part 1 of Schedule 2, or development to which articles 10(4) or 10(5) refer, include a building designed for use or used as 2 or more dwellings or a flat, an apartment or other dwelling within such a building;
C. The provision of an external air-to-water heat pump to the apartment unit would not come within the description set out in Class 2 having regard to the interpretation of house as set out in Article 5 which does not include apartments.

Recommendation

The Planning Authority considers that "Installation of external air-to-water heat pump to the front elevation" of Apartment 6 Woodlands Court, Greystones, Co. Wicklow *is* **development and is NOT exempted development** as recommended in the planning reports.

Signed: Aida Feeney **Dated:** 12/01/2026

ORDER:
I HEREBY DECLARE:
That "Installation of external air-to-water heat pump to the front elevation" of Apartment 6 Woodlands Court, Greystones, Co. Wicklow **is development and is NOT exempted** development within the meaning of the Planning & Development Acts 2000 (as amended).

Signed: _____ Dated: 12/1/2026

T/Senior Planner
Planning, Economic & Rural Development

WICKLOW COUNTY COUNCIL
PLANNING DEPARTMENT
Section 5 – Application for declaration of Exemption Certificate

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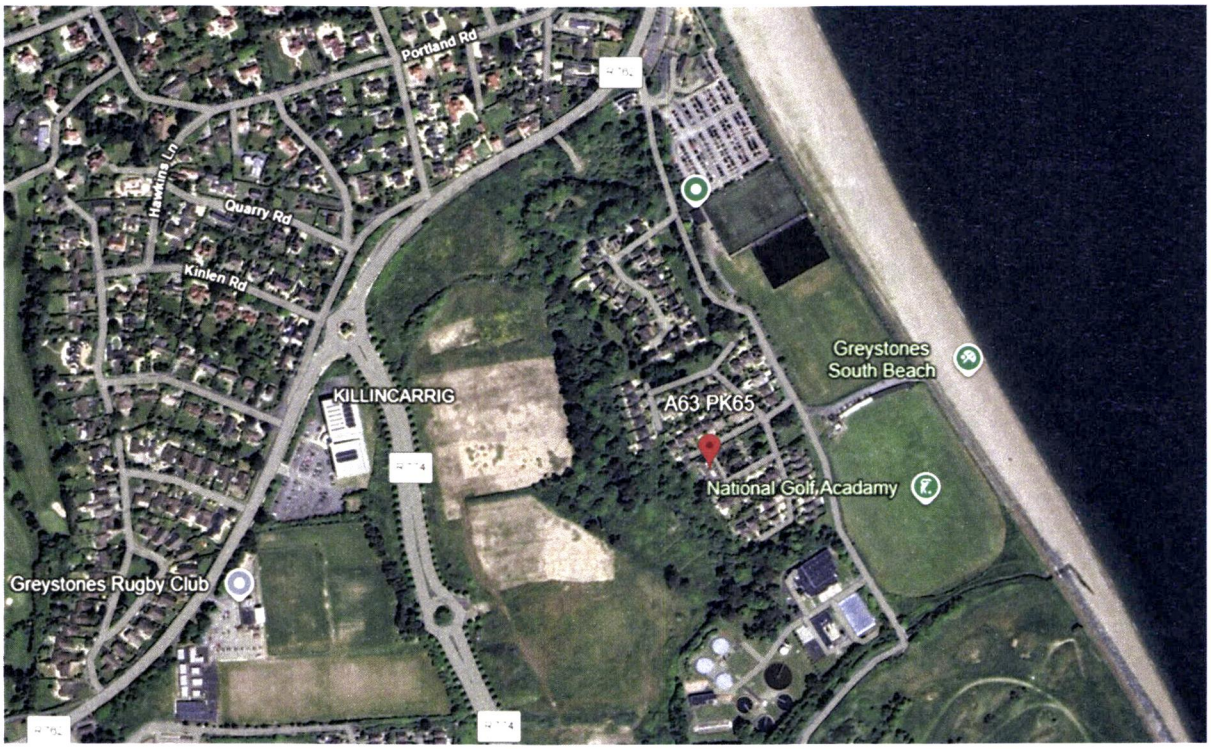
TO:	**Edel Bermingham T.S.E / Patrice Ryan S.E.P**
FROM:	**Neal Murphy E.P**
REF:	**EX144/2025**
DECISION DUE:	**20/01/2025**
NAME:	**GABRIELLE IGOE**
DEVELOPMENT:	**INSTALLATION OF AIR TO WATER HEAT PUMP TO FRONT ELEVATION OF APARTMENT 6**
LOCATION:	**6 WOODLANDS COURT, GREYSTONES**



Site Location and Description

The subject site is located in the Woodlands residential estate in Greystones. The site forms part of a three-storey apartment block and the subject unit is a ground floor apartment with separate access and off-street parking to the front of the building.

Question:

The applicants have applied to see whether or not the following is or is not development and is or is not exempted development:

- Installation of external air-to-water heat pump to the front elevation of Apartment 6 Woodlands Court

Relevant Planning History

None.

Wicklow County Development Plan 2022-2028

Zoning Objective: RE: Existing Residential under Greystones, Delgany and Kilcoole LAP 2013-2019

To protect, provide for and improve residential amenities of adjoining properties and areas while allowing for infill residential development that reflects the established character of the area in which it is located.

Appendix 1 – Section 1.2 outlines measures to address climate action.

Section 1.2.2 states:

'Energy efficiency' in building design relates to:
a. reducing the amount of energy used in the building and
b. Increasing the use of renewable sources of energy.

Relevant Legislation:

Planning and Development Act, 2000 (as amended):

Section 3 (1)(a) defines development as: "The carrying out of works on, in, over or under land or the making of any material change in the use of any land or structures on land";

Section 2 (1) defines works as any act or operation of construction, excavation, demolition, extension, alteration, repair or renewal and, in relation to a protected structure or proposed protected structure, includes any act or operation involving the application or removal of plaster, paint, wallpaper, tiles or other material to or from the surfaces of the interior or exterior of a structure.

Section 4 (1)(a) to (l) specifies various categories of development, which shall be exempted for the purposes of the Act;

In particular, section 4 (1) (h) is:

development consisting of the carrying out of works for the maintenance, improvement or other alteration of any structure, being works which affect only the interior of the structure or which do not materially affect the external appearance of the structure so as to render the appearance inconsistent with the character of the structure or of neighbouring structures;

Section 4 (2) provides for certain classes of development to be designated as exempted development by way of legislation.

Planning and Development Regulations, 2001 (as amended):

Article 5

"house" does not, as regards development of classes 1, 2, 3, 4, 6(b)(ii), 7 or 8 specified in column 1 of Part 1 of Schedule 2, or development to which articles 10(4) or 10(5) refer, include a building designed for use or used as 2 or more dwellings or a flat, an apartment or other dwelling within such a building;

Article 6(1) states that certain classes of development which are specified in Schedule 2 shall be exempted development for the purposes of the Act, subject to compliance with any associated conditions and limitations;

Article 9(1)(a) details a number of circumstances under which the development to which Article 6 relates shall not be exempted development for the purposes of the Act;

Part 1 of Schedule 2 of the Planning and Development Regulations 2001
Class 2
(d) The installation on or within the curtilage of a house of a ground heat pump system (horizontal and vertical) or an air source heat pump.

1. The level of the ground shall not be altered by more than 1 metre above or below the level of the adjoining ground.

2. The total area of such a heat pump, taken together with any other such pump previously erected, shall not exceed 2.5 square metres.

3. The heat pump shall be a minimum of 50cm from any edge of the wall or roof on which it is mounted.

4. No such structure shall be erected on, or forward of, the front wall or roof of the house.

5. Noise levels must not exceed 43db(A) during normal operation, or in excess of 5db(A) above the background noise, whichever is greater, as measured from the nearest neighbouring inhabited dwelling.

Details Submitted in support of Application:
The applicants are applying for a Section 5 Declaration in relation to the following;

- Installation of external air-to-water heat pump to the front elevation of Apartment 6 Woodlands Court

The applicant submitted the following in support of their application:
- Details of the proposed air to water external heat pump
- Cover Letter
- Lease documentation
- Technical specifications for the air-to-water hear pump
- Acoustic Summary and Compliance Statement
- Photos including proposed siting of the heat pump with dimensions

The proposed development consists of installation of an air to water heat pump (875mm (H), 940mm (W), 320mm (D)). The noise level at source is 55db(A). The noise level is noted as 48-50db(A) at 1m distance. It is noted that the nearest neighbour is located at first floor level above the subject at a stated distance of 2.46m.

Assessment:
The first assessment must be whether or not the proposal outlined above constitutes development within the remit of Section 3 of the Planning and Development Act 2001. In this regard, Section 3 of the Planning and Development Act provides that:

"development" means, except where the context otherwise requires, the carrying out of any works on, in, over or under land or the making of any material change in the use of any structures or other land.

It should be noted that Section 2 of the Act defines works as:

"works" includes any act or operation of construction, excavation, demolition, extension, alteration, repair or renewal and, in relation to a protected structure or proposed protected structure, includes any act or operation involving the application or removal of plaster, paint, wallpaper, tiles or other material to or from the surfaces of the interior or exterior of a structure.

The Planning Authority is satisfied that the proposal **would involve *works* to the existing structure** and therefore the proposal does constitute development.

The second stage of the assessment is to determine whether or not the proposed works would be exempted development under the Planning and Development Act 2000 (as amended) or it's associated Regulations.

Part 1 of Schedule 2 of the Planning and Development Regulations 2001 (as amended), Class 2 (d) states:
Class 2
(d) The installation on or within the curtilage of a house of a ground heat pump system (horizontal and vertical) or an air source heat pump.

1. The level of the ground shall not be altered by more than 1 metre above or below the level of the adjoining ground.

2. The total area of such a heat pump, taken together with any other such pump previously erected, shall not exceed 2.5 square metres.

3. The heat pump shall be a minimum of 50cm from any edge of the wall or roof on which it is mounted.

4. No such structure shall be erected on, or forward of, the front wall or roof of the house.

5. Noise levels must not exceed 43db(A) during normal operation, or in excess of 5db(A) above the background noise, whichever is greater, as measured from the nearest neighbouring inhabited dwelling.

Class 2 would not apply to apartments given that Article 5 provides that
"house" does not, as regards development of classes 1, 2, 3, 4, 6(b)(iii), 7 or 8 specified in column 1 of Part 1 of Schedule 2 or development to which articles 10(4) or 10(5) refer, include a building designed for use or used as 2 or more dwellings or a flat, an apartment or other dwelling within such a building;

Therefore, the works would not come within the description of Class 2 and is not exempted development.

~~The level of the ground will not be altered by more than 1m which is acceptable. Furthermore, the dimensions of the proposed are less than 2.5sqm and would be located in excess of 50cm from the wall. However, the structure would be erected forward of the front wall of the building and whilst the applicant has determined that mitigation measures would bring the noise level below 43db(A), these mitigation measures cannot be confirmed by condition under a Section 5 application and the noise~~

~~output is likely to be greater than that allowable under Class 2(d) of Part 1 of Schedule 2 of the Planning and Development Regulations 2001 (as amended). Therefore, the proposed development is **NOT CONSIDERED EXEMPT DEVELOPMENT**.~~

Recommendation:

With respect to the query under Section 5 of the Planning and Development Act 2000 (as amended), as to whether or not:

- the Installation of an external air-to-water heat pump to the front elevation at Apartment 6, Woodlands Court, Greystones, Co. Wicklow is or is not exempted development within the meaning of the Planning and Development Act, 2000 (as amended).

The Planning Authority considers that:

The proposal for the installation of an external air to water heat pump **is Development and is Not Exempted Development** ~~as the proposed development does not fully satisfy the requirements of Class 2(d), Part 1 of Schedule 2 of the Planning and Development Regulations 2001, as amended.~~

Main Considerations with respect to Section 5 Declaration:

- The details received with this Section 5 request on the 15th December 2025.
- Section 2(1) of the Planning and Development Act 2000, as amended
- Section 3 of the Planning and Development Act 2000, as amended
- Article 5, and Class 2 of Part 1 of Schedule 2 of the Planning and Development Regulations 2001, as amended

Main Reasons with respect to Section 5 Declaration:

A) The installation of an external air to water heat pump is works and therefore development having regard to Section 3 of the Planning and Development Act 2000 (as amended).

B) ~~The proposed development does not satisfy the requirements of Class 2 (d), Schedule 2 Part 1 of the Planning and development Regulations 2001 (as amended) **and it is therefore not exempted development.**~~

Article 5 of the Planning and Development Regulations 2001 (as amended) provides that "house" does not, as regards development of classes 1, 2, 3, 4, 6(b)(ii), 7 or 8 specified in column 1 of Part 1 of Schedule 2, or development to which articles 10(4) or 10(5) refer, include a building designed for use or used as 2 or more dwellings or a flat, an apartment or other dwelling within such a building;

C) The provision of an external air-to-water heat pump to the apartment unit would not come within the description set out in Class 2 having regard to the interpretation of house as set out in Article 5 which does not include apartments.

Neal Murphy

Executive Planner
07/01/2026

Agreed as amended
Patrice Ryan SEP 08/01/2026

Comhairle Contae Chill Mhantáin
Wicklow County Council

Pleanáil, Forbairt Eacnamaíochta agus Tuaithe
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MEMORANDUM

WICKLOW COUNTY COUNCIL

TO: **Neal Murphy**
Executive Planner

FROM: **Nicola Fleming**
Staff Officer

RE:- EX144/2025 - Declaration in accordance with Section 5 of the Planning & Development Acts 2000 (as amended)

I enclose herewith for your attention application for Section 5 Declaration received 15/12/2025.

The due date on this declaration is the 20/01/2026.

Staff Officer
Planning Development & Environment

Comhairle Contae Chill Mhantáin
Wicklow County Council

Pleanáil, Forbairt Eacnamaíochta agus Tuaithe
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Gabrielle Igoe
6 Woolands Court
Greystones
Co.Wicklow
A63 PK65

16th December 2025

RE: Application for Certificate of Exemption under Section 5 of the Planning and Development Acts 2000 (as amended). – EX144/2025

A Chara

I wish to acknowledge receipt on 15/12/2025 full details supplied by you in respect of the above Section 5 application. A decision is due in respect of this application by 20/01/2026

Mise, le meas

Nicola Fleming
Staff Officer
Planning, Economic & Rural Development

6 Woodlands Court, Greystones, Co. Wicklow A63 PK65

Gabrielle Igoe
6 Woodlands Court
Greystones
Co. Wicklow
A63 PK65
Contact details:

Planning Department
Wicklow County Council
County Buildings
Wicklow Town
Co. Wicklow

15 December 2025

Re: Section 5 Declaration Request under the Planning and Development Act 2000

Dear Sir/Madam,

I wish to apply for a declaration under Section 5 of the Planning and Development Act 2000 in respect of the proposed installation of a Panasonic (K-Series)[1] air-to-water heat pump at the front elevation (flowerbed) of apartment 6, which is located at the front of the Woodlands Court apartment block, Greystones.

Under the terms of my lease, I am expressly permitted to install domestic equipment of this nature. The installation will be carried out in full compliance with technical standards, including acoustic performance and siting requirements.

I understand that while certain domestic heat pump installations may qualify as exempted development under Schedule 2 of the Planning and Development Regulations 2001-2005, front-facing installations are not automatically exempt. I therefore seek confirmation from Wicklow County Council as to whether this specific proposal constitutes an exempted development.

The following supporting documentation is enclosed, including:

- Appendix 1 - Lease extract confirming installation rights
- Appendix 2- Technical specifications of the Panasonic K series
- Appendix 3 - Acoustic summary and compliance statement
- Appendix 4 - Photos of the current elevation and proposed siting

[1] WH-UDZ05SKE5, WH-UDZO7KE5, WH-UDZO9KE5.

6 Woodlands Court, Greystones, Co. Wicklow A63 PK65

The Planning rationale statement, in summary:

- **Model**: Panasonic WH-UDZ05SKE5 (K-Series) air-to-water heat pump.
- **Dimensions:** 875 mm (H) × 940 mm (W) × 320 mm (D).
- **Weight**: approx. 60 kg.
- **Sound pressure level:** approx. 48–50 dB(A) at 1m.
- **Heating capacity:** 5 kW, refrigerant R32.
- **Energy rating**: up to A+++.
- **Location:** front elevation of the apartment block, within the curtilage of the property.
- **Screening:** additional planting will be placed in front of the heat pump to ensure that the unit is suitably screened within the flowerbed to the front of apartment 6 Woodlands Court.

Under the terms of my lease, I am entitled to carry out such works without requiring management company consent (Appendix 1). The proposed heat pump will serve my apartment only (to date, there has been no communal owner interest in upgrading the energy efficiency of the apartment block). The installation of the heat pump in the flowerbed will not interfere with common areas or access. There is a pre-existing electrical installation in this flowerbed, with smaller cabling boxes attached to the front façade of the building. There are satellite dishes attached to the sides of the building.

Noise Compliance Statement

Manufacturer's specifications confirm a sound pressure level of approx. 48–50 dB(A) at 1 metre (Appendix 2 - specification documents). Irish residential noise guidance generally considers daytime levels below 55 dB(A) and night-time levels below 45 dB(A) at the nearest dwelling façade to be acceptable. The proposed unit's sound pressure level is within these thresholds, particularly when combined with screening measures. Accordingly, the installation is not expected to cause adverse noise impacts for residents or neighbouring properties.

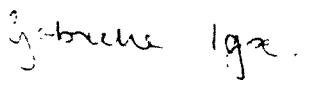
Visual Impact Statement

The unit is compact in size and will be positioned discreetly against the building façade. Screening measures will be provided to ensure the unit is visually unobtrusive from the public pathway and integrates with the existing frontage. The design approach ensures minimal alteration to the architectural character of the apartment block, no obstruction of pedestrian access or common areas, and compliance with the intent of the Planning and Development Regulations to minimize external impact of renewable energy installations. Accordingly, the installation is not expected to cause adverse visual impacts for residents, neighbours, or the wider streetscape.

6 Woodlands Court, Greystones, Co. Wicklow A63 PK65

I respectfully request that Wicklow County Council issue a formal determination under Section 5 as to whether this installation qualifies as exempted development under the Planning and Development Regulations.

Yours faithfully,



Gabrielle Igoe

Appendix 1 - Lease Documentation

A copy of the lease is attached. The relevant Schedule is Schedule 2.

PDF

Woodlands lease 26 9 25 (1) pdf

Rights and Privileges are set out in the Second Schedule.

Clause 3 of the Second Schedule, which grants (where relevant) the following right.

> *"The right to...construct in or under the Retained Lands new utilities and to cleanse, repair and renew the same and for the aforementioned purpose to enter upon the Retained lands with Workmen and others and all necessary implements making good any damage thereby occasioned but not being responsible for any temporary inconvenience caused by such works."*

The "Retained Lands" comprise the Estate and Clause 3 of the Second Schedule grants to the apartment owner the right to construct new utilities "in or under the Retained Lands".

Paragraph 2 of the Second Schedule grants the apartment owner the right to:

> *"The free and uninterrupted passage and running of the Services from and to the Demised Premises through the conduits which are now or may at any time within the Perpetuity Period be in, under, over or passing through the Retained Lands or any part thereof."*

"The Services" are defined as follows in the Definitions forming part of the Lease:

> *"...the following of whatsoever nature:- water soil sewage waste gas steam air electricity heating fuel radio television telegraphic telephone telecommunications and other services and supplies."*

The term "the Conduits" is defined as follows:

> *"...each of the following of whatsoever nature: all sewers drains pipes gullies gutters ducts mains watercourses channels subways wires cables conduits flues and other conducting media of whatsoever nature or kind."*

Appendix 2 – Technical Specifications Panasonic K Series

PDF

EU_20P_PRINT_AQ_K _GEN_23_LR pdf

PDF

Specification_Sheet_ Model_80996_6ytwd1

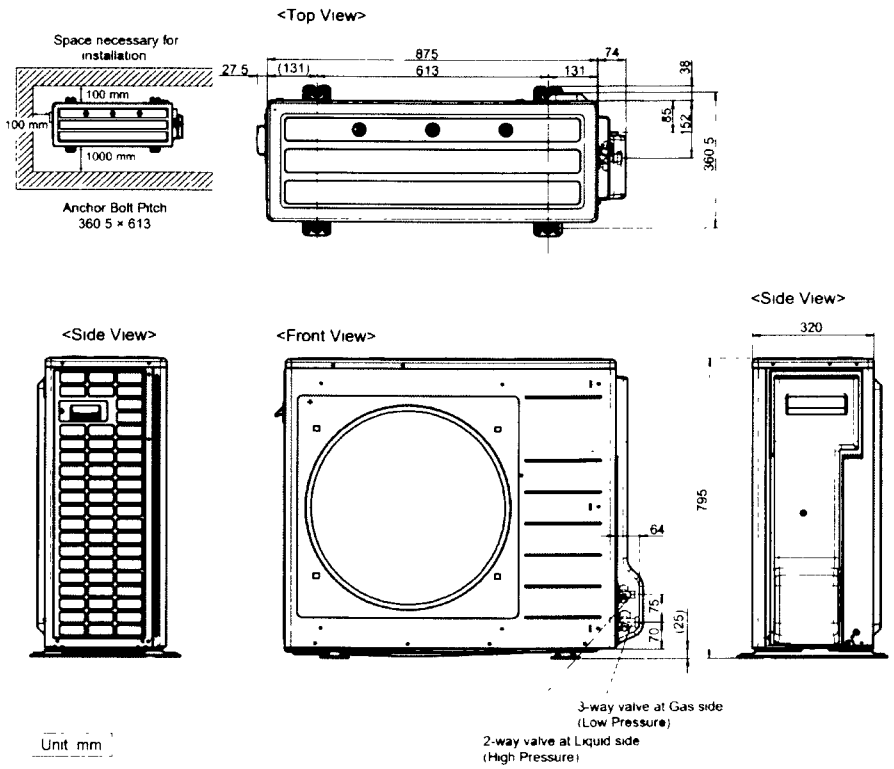
Dimensions, weight, and installation requirements.

Specification	Value
Height	approx. **622 mm**
Width	approx. **824 mm** (without feet)
Depth	approx. **299 mm**

Clearance footprint typically **900 mm × 400 mm** minimum

These dimensions are for the compact monobloc-style outdoor unit used in the 7 kW J-Series.

6.2.2 WH-UDZ05KE5 WH-UDZ07KE5 WH-UDZ09KE5



Component weight

Component Weight

Outdoor unit approx. **43–45 kg**

This varies slightly depending on production batch, but the WH-UDZ07KE5 is one of Panasonic's lighter units in this class.

This low mass allows installation on a small concrete pad, with vibration isolation

Clearances (Panasonic Standard)

- **Rear (to wall):** 100–150 mm
- **Front (air discharge):** 1.0–1.5 m
- **Sides:** 300 mm minimum
- **Top:** 300–500 mm

These ensure correct airflow and prevent recirculation.

Mounting Requirements

- May be installed on:
    - Ground pad
- Must be level and isolated from vibration
- Electrical isolator required within 1 m
- Condensate drain required
- Only flow/return water pipes required (monobloc system)

Noise performance

Acoustic Data (Panasonic WH-UDZ07KE5)

Parameter	Value
Sound Power Level (LwA)	approx. 60–63 dB(A)
Sound Pressure at 3 m	approx. 45–48 dB(A)
Operating Mode	Heating (nominal)
Compressor Type	Inverter, low-vibration

This model is widely used in noise-sensitive locations because of its compact fan and low-vibration compressor.

The WH-UDZ07KE5 meets the key criteria for front-elevation consideration:

- Projection < 0.6 m (Irish exempted development limit)
- Setback ≥ 50 cm from edges
- Noise ≤ 43 dB(A) at nearest boundary (with mitigation)
- Minimal visual impact due to compact size
- Reversible installation (no structural alteration)
- No impact on building character when screened or colour-matched

In summary, based on manufacturer data, standard acoustic propagation modelling, and the proposed installation method, the predicted noise level at the nearest boundary is:

- Predicted noise level: < 43 dB(A)
- Compliant with Irish planning noise criteria
- No adverse impact on residential amenity

The proposed heat pump installation is therefore considered low-impact, fully compliant, and appropriate for approval.

Appendix 3 - Acoustic summary and compliance statement

Panasonic Aquarea K-Series Air-to-Water Heat Pump

Outdoor Unit: WH-UDZ07KE5

With Anti-Vibration Feet and Low-Level Mounting Close to Façade

Overview

This assessment evaluates the predicted noise impact of a Panasonic Aquarea K-Series outdoor heat-pump unit installed on the front elevation of an apartment building. The installation incorporates anti-vibration feet and low-level mounting close to the façade, ensuring minimal airborne and structure-borne noise transmission.

Key receptor distances:

- Neighbouring apartment above: 2.46 m
- Public footpath: 2.95 m

Manufacturer Acoustic Data

- Sound power level (LwA): approx. 62 dB(A)
- Sound pressure at 3 m: approx. 45–48 dB(A)
- Compressor: inverter-driven, soft-start, low-vibration
- Outdoor casing: K-Series design with reduced turbulence and quieter airflow

Noise Propagation Calculations

Formula:
[L_p = L_w - 20\log_{10}(r) - 8]

Neighbour above – 2.46 m

[L_p = 62 - 20\log_{10}(2.46) - 8 \approx 46\text{ dB(A)}]

Public footpath – 2.95 m

[L_p = 62 - 20\log_{10}(2.95) - 8 \approx 45\text{ dB(A)}]

Mitigation Measures that will be undertaken

- Anti-vibration feet:
- Prevent structure-borne transmission into the building fabric, eliminating resonance and reducing perceived noise inside the apartment above.
- Low-level mounting close to façade:
- Keeps the unit tight to the wall, reducing free-field propagation and ensuring the façade itself acts as a partial acoustic shield. This positioning also avoids elevated mounting that could project noise further into the public realm.

- Low planting screen:
- Provides an additional 3–5 dB(A) attenuation, reducing levels at receptors into the 40–42 dB(A) range.
- Orientation:
  Fan discharge directed away from sensitive receptors.

Compliance Statement

- Predicted external levels at the nearest receptors are ≈45–46 dB(A) under conservative full-load assumptions.
- With anti-vibration isolation, low-level façade mounting, and planting, levels are reduced to ≈40–42 dB(A), within or below the 43 dB(A) planning threshold.
- Internal levels in the neighbour's apartment above (with closed windows) are expected to be well below typical indoor background noise.
- Operation is modulating and intermittent, so real-world levels will be lower than the conservative predictions.

Conclusion

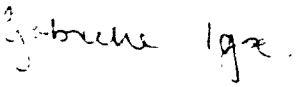
The proposed Panasonic Aquarea K-Series heat pump installation, incorporating anti-vibration feet and low-level mounting close to the façade, is considered:

- Is a modern, low-noise residential unit.
- Acoustically compliant
- Produces predicted sound levels at all receptors that are low, comparable to normal suburban background, and not likely to cause disturbance.
- Low-impact
- Appropriate for a visually sensitive front elevation
- Consistent with Irish planning noise criteria
- Not likely to cause any adverse effect on residential amenity

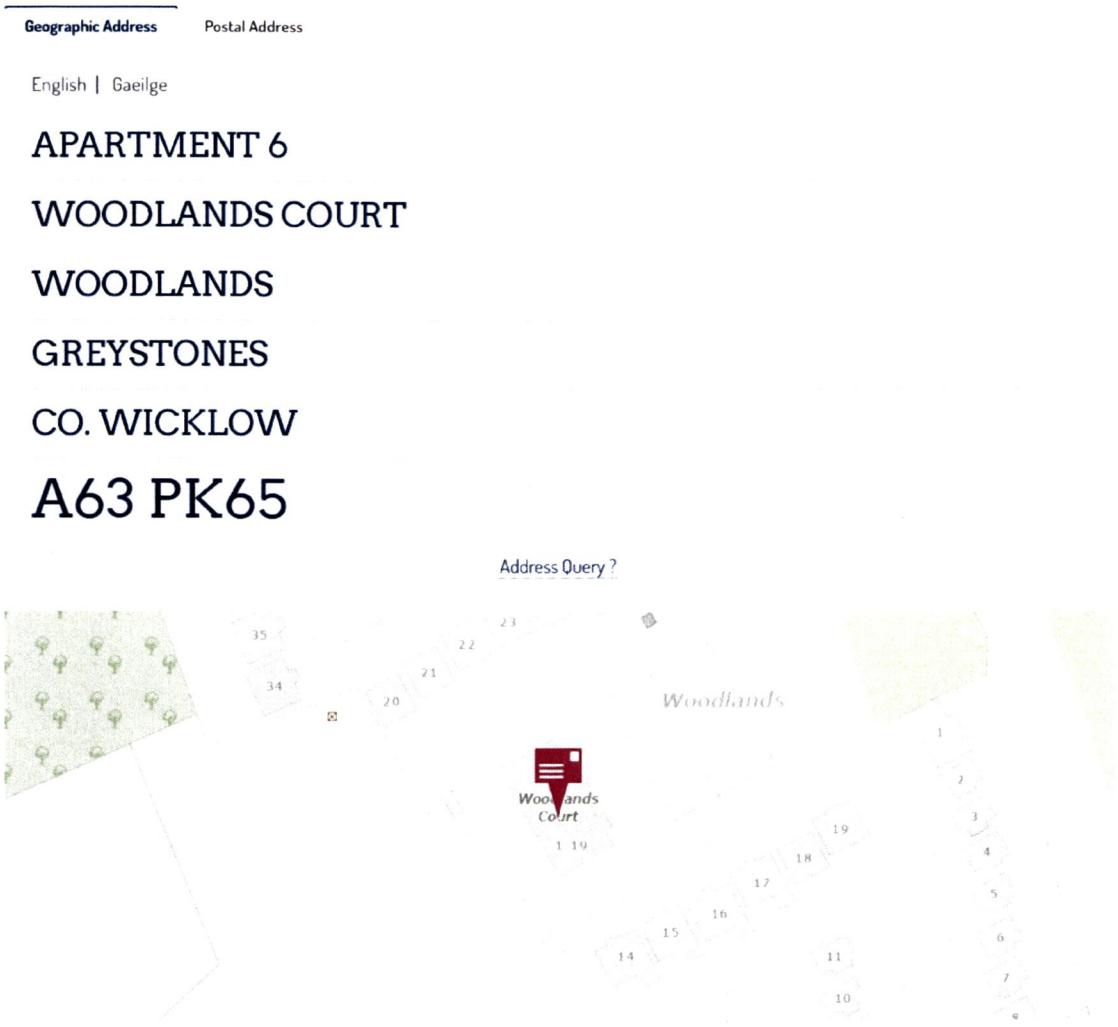
The proposed Panasonic Aquarea K-Series heat pump:

With the included mitigation, is considered acoustically low-impact and consistent with typical Irish planning criteria for domestic heat pumps, with no significant adverse effect on residential amenity.

The installation is therefore considered acceptable in acoustic terms and suitable for planning approval.

Signed:  Date: 15/12/25

Appendix 4 - Photos of the current elevation and proposed siting



Aerial view of Woodlands Court

View of Woodlands Court (right hand side where apartment 6 is located)

Dimensions of relevant area to the front of apartment 6

Depth of the walkway and flowerbed in front of apartment 6.

Pre-existing electricity box within the flowerbed in front of apartment 6

Pre-existing electricity box

56cm length

24cm width

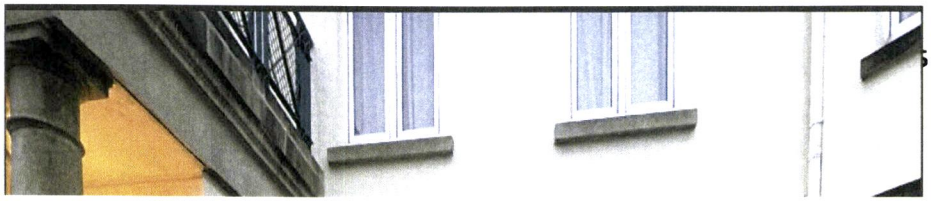
51 cm height

Pre-existing cabling and connection boxes for satellite services on the front of the building

6 Woodlands Court, Greystones, Co. Wicklow A63 PK65

Pre-existing cabling and connection boxes for satellite services on the front of the building

Proposed location of the heat pump (red square) in front of apartment 6.



Panasonic

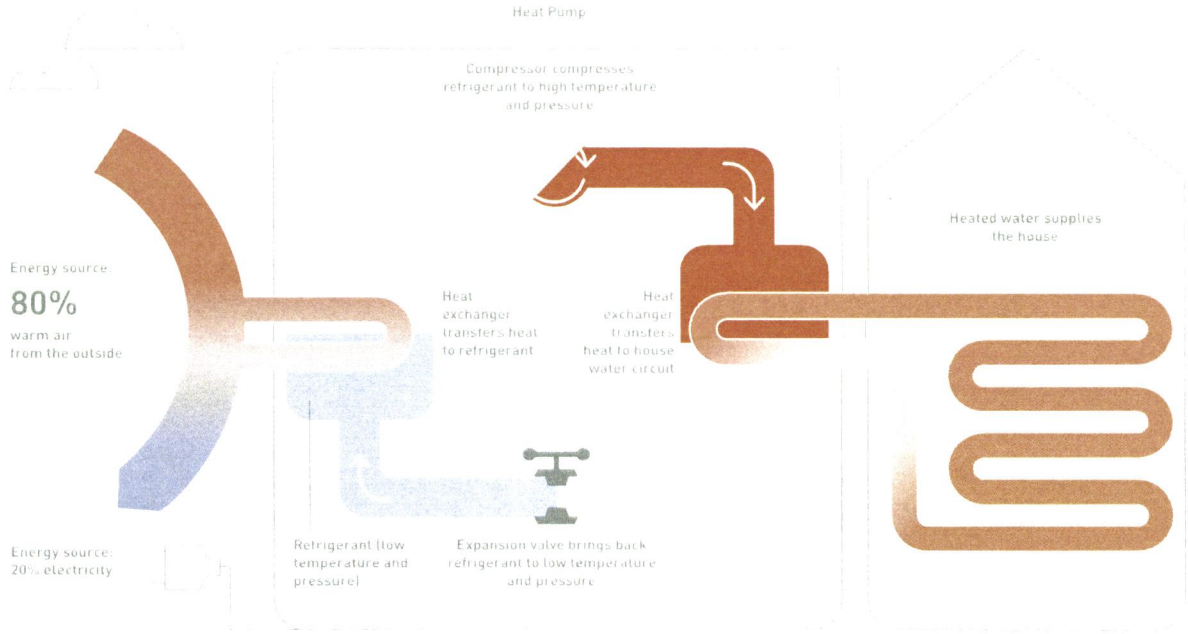
New Aquarea K Generation
Air to water heat pumps | AQUAREA

AQUAREA

What kind of world will our children—and their children—inherit? Along with a growing global population coupled with rapid economic development, CO_2 emissions continue to increase year after year. At the current rate, it is estimated that the average global surface temperature will rise by 4 °C over the next 100 years.

To help prevent this, we have been engaged in a variety of initiatives over the past several decades. One of our solutions is an indoor heating and cooling system that leverages our heat pump technology. Protecting the world of today means protecting the children of tomorrow. That's why we are committed to offering solutions that provide comfort and help us fulfil our responsibility to the environment.

A heat pump turns heat energy outside into warmth inside



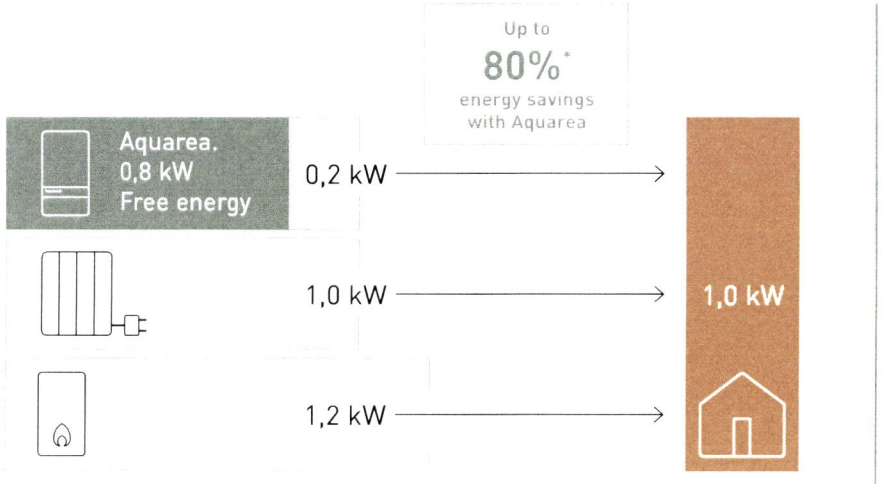
With Aquarea up to 80% of the heat energy required is taken from the ambient air. Aquarea captures heat energy from the ambient air and transfers it to heat the water needed to warm your home for domestic hot water and even to cool the house if wished.

Contributing to a decarbonised society.

Aquarea air to water heat pumps range is a ground breaking low energy system for heating, cooling and domestic hot water production that delivers outstanding performance, aligning with our vision of a carbon-free society and our GREEN IMPACT plan.

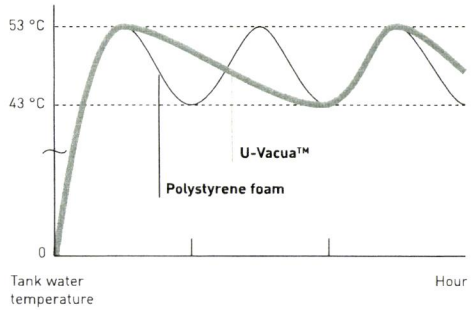
As much as 79% of the energy consumption of European homes comes from heating and producing DHW*. That's why, compared to conventional boilers and electric heaters, highly efficient Panasonic air to water heat pump technology can make a significant difference. Moreover, by converting heat energy in the air into household warmth, this technology helps reduce CO_2 emissions and environmental impact.

* https://ec.europa.eu/eurostat.



U-Vacua™: Vacuum insulation panel (VIP) technology developed by Panasonic.

Because they leverage VIP technology, U-Vacua™ panels offer 19 times the insulation performance of polystyrene foam. Since the system retains heat longer, it needs to heat up fewer times each day, resulting in energy savings.



The Aquarea line meets the highest rank of energy efficiency criteria of European energy rating system.

Energy Labelling Regulation (EU) No. 811/2013.

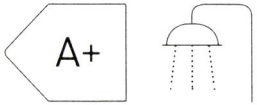
A low energy system for heating and hot water production.

Aquarea is a ground breaking low energy system for heating, cooling and domestic hot water production that delivers outstanding performance, even at extreme outdoor temperatures.

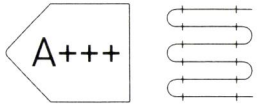
The peak of comfort, efficiency and low energy costs.

Leveraging heat pump technology and our unique expertise, Panasonic has been working for many years to help realise a sustainable society and enrich people's lives. The wide range of Aquarea products makes possible optimum solutions that are tailored to individual lifestyles while offering outstanding environmental performance.

Panasonic has more than 60 years of heat pump experience, having produced an exceptional amount of compressors. Quality is what Panasonic stands for and this is a key factor for succeeding in the European market.
As a member of the European Heat Pump Association, the production of Aquarea in Europe and maintaining high security protocols in European servers for the Aquarea Smart Cloud, makes Panasonic a trusted heating partner.



Energy efficiency class up to A+.
Scale from A+ to F.



ErP 35 °C.
Energy efficiency class up to A+++.
Scale from A+++ to D.

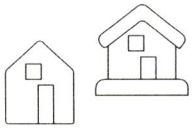
* Rating conditions: Heating: Inside air temperature: 20 °C Dry Bulb / Outside air temperature: 7 °C Dry Bulb / 6 °C Wet Bulb.
Conditions: Water input temperature: 30 °C / Water output temperature: 35 °C. These energy efficiency might not apply to all models.

The peak of comfort, efficiency and low energy costs.

Introducing the new Aquarea K Generation of air to water heat pumps.

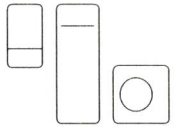
Aquarea K Generation is a ground breaking low-energy system for heating, cooling and domestic hot water production that delivers outstanding performance. This model is ideal for new installations and well-insulated homes.

High Performance and T-CAP: All in One and Bi-bloc K Generation



Wide range

Wide range to suit all homes: High Performance and T-CAP.

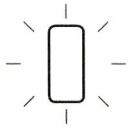


Improved clean design

Refined outdoor design to be blended to the environment.

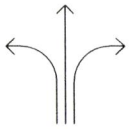
Optional remote control and maintenance

Aquarea Smart Cloud.
Aquarea Service Cloud.



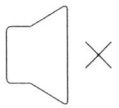
High tank insulation performance

Tank boasts high heat retention thanks to U-Vacua™ [1].



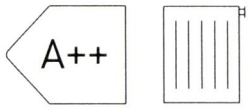
Further flexibility

- Less frequent maintenance with pre-installed magnet filter
- Easy access to hydraulic parts
- Operation without backup heating at -25 °C [3]
- Can supply 60 °C hot water even at -10 °C outside temperature
- Bluefin treatment protection on outdoor heat exchanger for harsh ambient conditions



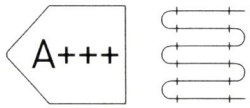
Further noise reduction

Panasonic's unique low noise architecture.



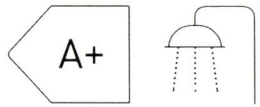
High energy efficiency for heating

High energy class for low and medium temperature applications.



High energy efficiency for heating

High energy class for low and medium temperature applications.



High energy efficiency for domestic hot water

DHW COP up to 3,6 [2].

1) U-Vacua™ is a vacuum insulation panel (VIP) technology. 2) Scale from A+++ to D. Might not apply to all the models. 3) Tentative feature


A revolution in design,
efficiency, connectivity
and sustainability.

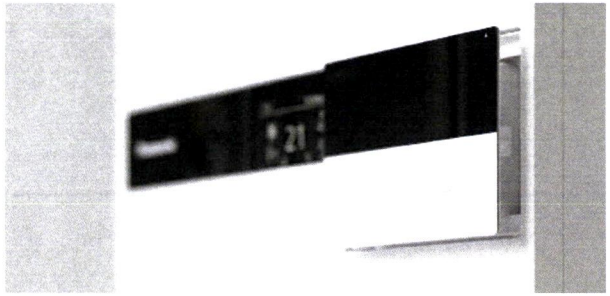
Harmony between technology and home.

In our daily lives, technology is attuned to you and the environment around you, without overstating the device or interface.
Just as the air is always around you even if you're not aware of it, Panasonic's technology continues to be in tune with your environment and your life.

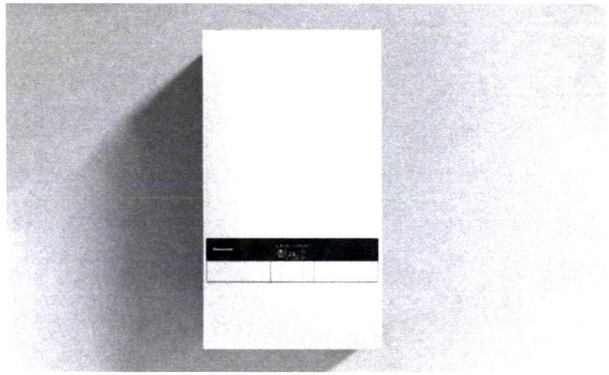
Harmony with the environment. Save livingspace.
A premium white, faithful to the Aquarea spirit underlined by the seamlessly integrated controller which provides a sleek black band across the unit.

GOOD DESIGN AWARD 2022
BEST 100

Like indoor equipment, the outdoor unit is designed to harmonize with architecture and the environment while quietly supporting the precious time spent with the warm family.
The outdoor units, with an anthracite grey colour which will dress the entire range, have been completely redesigned with an innovative design that will find its place in all spaces.



All in One unit and Bi-bloc indoor unit are designed to blend into your interior space effortlessly.

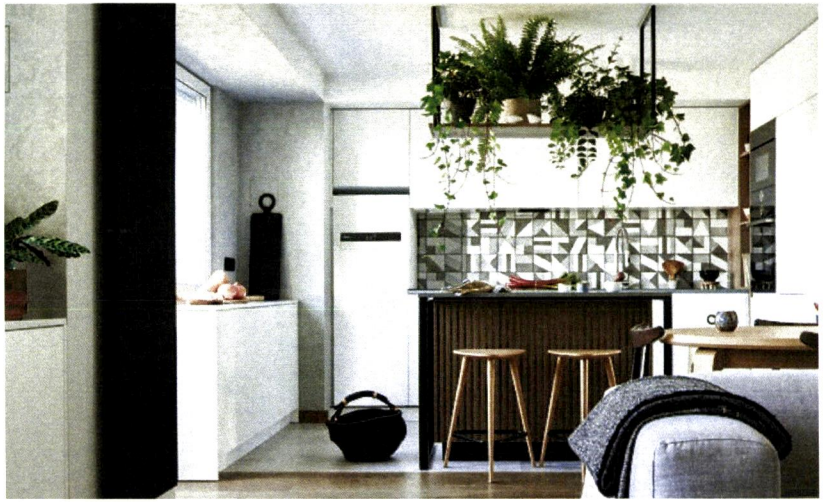


The outdoor unit is designed to harmonize with architecture and the environment.

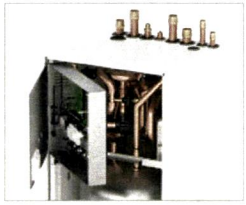
Panasonic's unique low noise architecture. The compressor, which is a major source of noise, is equipped with a double-bottomed structure to provide a safe, quiet structure that does not disturb neighbors in crowded residential areas.

The new Aquarea All in One Compact, the ultimate space-saving solution.

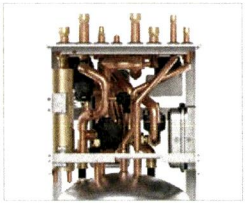
With its small 598 x 600 mm footprint, the new All in One Compact can be neatly lined up with other big appliances like a refrigerator and/or washing machine to reduce the space required for installation. And thanks to its low height, it can be installed with a ventilation unit on top.



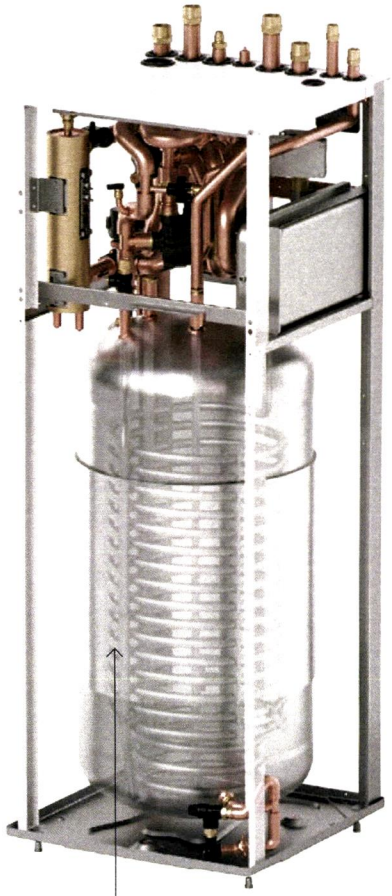
Fits beautifully in any space.



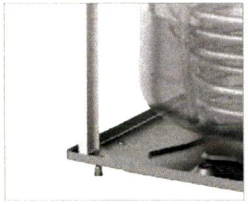
Great serviceability.
- Easy maintenance concept is retained
- Easy access to hydraulic part thanks to door opening mechanism
- No buffer tank required, reducing space, cost and installation time
- All sensors can be checked from the remote controller (new)
- Water pressure sensor (new)



Slimmer, yet same tank capacity.
Piping layout at the top in order to maintain large 185 L tank capacity.



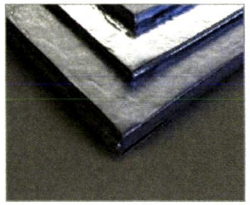
Improved water filter for less maintenance.
Dust removal capacity of the water filter has been increased 5 times. Less frequent filter cleaning means more convenience.



Robust body for top ventilation unit.
Strengthening the body and top surface with a frame enables installation of a top ventilation unit. For safety, it is secured with bolts to prevent it falling.

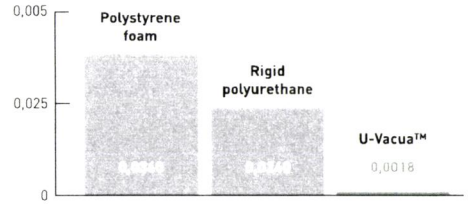
U-Vacua™; Vacuum insulation panel. Significant energy savings with world-leading insulation performance.

Because they leverage VIP technology, U-Vacua™ panels offer 19 times the insulation performance of polystyrene foam. Since the system retains heat longer, it needs to heat up fewer times each day, resulting in energy savings.



U-Vacua™ VIPs consist of a unique fiberglass core encased in a laminate film made up of several layers that include nylon, aluminium, and a protective layer. Interior pressure is reduced to a vacuum of 1-20 Pa, thereby minimizing thermal conductivity.

Comparison of thermal conductivity.



W / mKh (at 24 °C)


Panasonic
Panasonic

Aquarea K Generation gives you even more.

Highly efficient Panasonic solutions can help to significantly reduce the energy consumption of the house, at the same time a high level of comfort and good indoor air quality are kept.

Ventilation unit on top for a low-energy house.

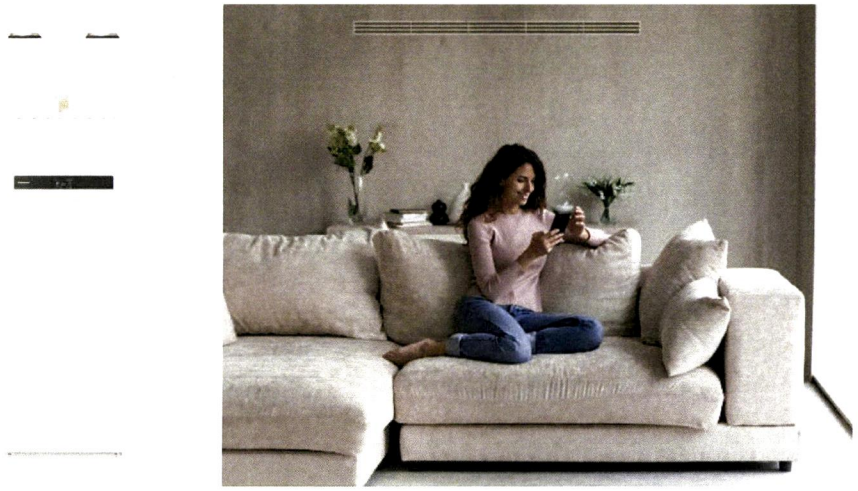
Heat recovery ventilation units are ideal for homes, for these owners who are looking for high performance and maximum comfort.
Combine the Residential ventilation unit with Panasonic Aquarea for an space saving and highly efficient solution for heating, cooling, ventilation and DHW.

Aquarea + PV panels.

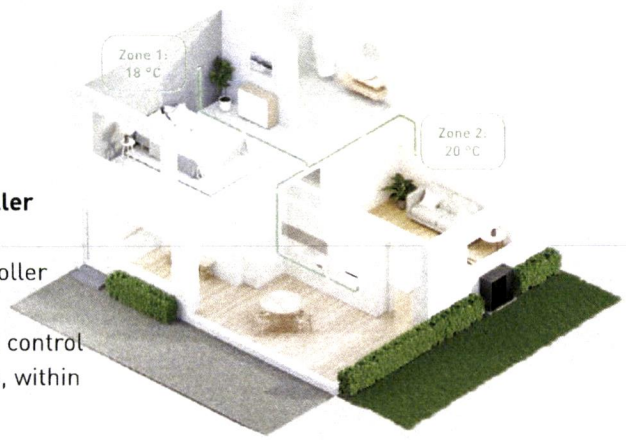
Aquarea heat pumps can synchronise with PV panels, using the optional PCB CZ-NS5P. Thanks to this feature, demand of heating, cooling and domestic hot water production is adapted to the PV panel production.

Smart Grid Ready.

Aquarea K Generation heat pumps in combination with the optional PCB CZ-NS5P hold the SG Ready function, allowing the heat pump to be connected in an intelligent grid control.



Combine the Residential ventilation unit with Panasonic Aquarea for an space saving and highly efficient solution for heating, cooling, ventilation and DHW.



Dual controller system.
A dual controller system, for independent control of two zones, within the home.

New remote controller.

New remote controller designed in harmony with the whole system, with optimised user interface and improved features.

Smart bivalency.
Cost effective bivalent mode with power tariff logic.

Optimised user interface.
Each touch point designed in harmony, with optimised user interface across the range.

High degree of living comfort and energy management.

Aquarea Smart Cloud.

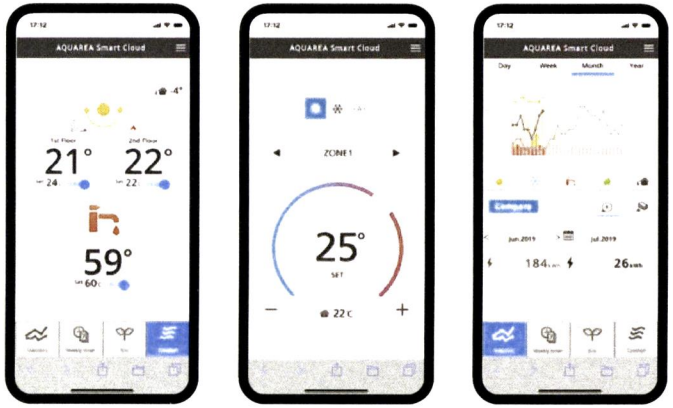
Aquarea Smart Cloud is a powerful, intuitive and free of charge service designed to help remotely control Aquarea heat pumps from anywhere, 24/7.

Easy and powerful energy management with convenient remote control via IoT.

The Aquarea Smart Cloud is much more than a simple controller 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.

Aquarea Service Cloud.

The Aquarea Service Cloud allows professionals to take care of their customers' heating systems remotely, engaging in predictive maintenance and system finetuning and respond rapidly to any malfunctions.



Optional internet adapter for Wi-Fi and LAN connection.
CZ-TAW1B

Watch demo

More possibilities with IFTTT.

IF This Then That: IFTTT service enables user to automatically trigger actions for Aquarea system based on other apps, web services or devices.

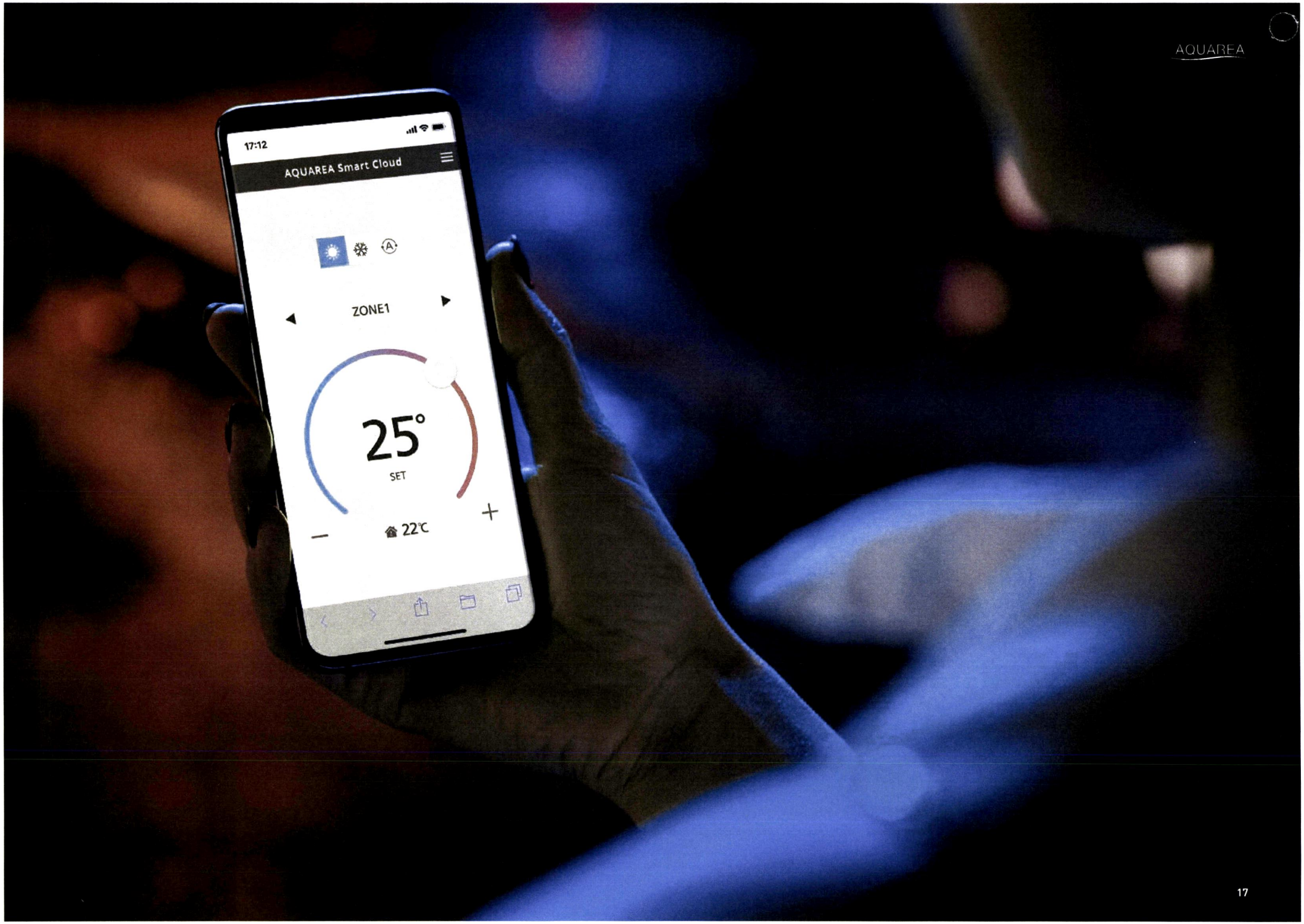
Works with IFTTT

AQUAREA+

Get the most out of your Aquarea Heat Pump.

Aquarea+ offers end user useful information to operate a Panasonic Aquarea Heat Pump to provide heating, cooling and hot water in the most efficient and cost effective way.

Visit Aquarea+


17:12
AQUAREA Smart Cloud
ZONE1
25°
SET
22°C

Aquarea High Performance

For new installations and low consumption homes.

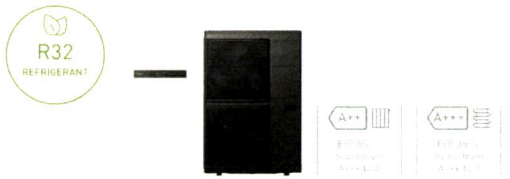
			Aquarea High Performance All in One K Generation Single phase. Heating and Cooling [1]			
			Single phase (power to indoor)			
Kit 3 kW electric heater			**KIT-ADC03K3E5**	**KIT-ADC05K3E5**	**KIT-ADC07K3E5**	**KIT-ADC09K3E5**
Kit 6 kW electric heater			**KIT-ADC03K6E5**	**KIT-ADC05K6E5**	**KIT-ADC07K6E5**	**KIT-ADC09K6E5**
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP	3,20/5,33	5,00/5,10	7,00/4,86	9,00/4,55
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP	—/—	5,00/3,03	7,00/2,92	8,90/2,93
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	3,20/3,64	5,00/3,57	6,85/3,43	7,00/3,40
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	—/—	5,00/2,29	6,25/2,23	6,30/2,18
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	—/—	5,00/2,79	5,75/2,95	6,25/2,84
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	—/—	5,00/1,89	5,35/1,98	5,90/1,93
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER	3,20/3,52	5,00/3,05	6,70/3,03	8,20/2,72
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER	—/—	5,00/4,90	6,70/4,72	9,00/4,18
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	5,07/3,47(200/136)	5,12/3,63(202/142)	4,90/3,62(193/142)	4,44/3,41(175/133)
	Energy class [2]	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	6,20/4,20(245/165)	6,00/4,20(237/165)	5,75/4,07(227/160)	5,75/4,07(227/160)
	Energy class [2]	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	4,00/2,83(157/110)	4,08/2,95(160/115)	4,18/2,98(164/116)	4,18/2,98(164/116)
	Energy class [2]	A+++ to D	A++/A+	A++/A+	A++/A+	A++/A+
Indoor unit 3 kW electric heater			**WH-ADC0309K3E5**	**WH-ADC0309K3E5**	**WH-ADC0309K3E5**	**WH-ADC0309K3E5**
Indoor unit 6 kW electric heater			**WH-ADC0309K6E5**	**WH-ADC0309K6E5**	**WH-ADC0309K6E5**	**WH-ADC0309K6E5**
Sound pressure	Heat / Cool	dB(A)	28/28	28/28	28/28	28/28
Dimension	H x W x D	mm	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602
Net weight		kg	100/101	100/101	100/101	100/101
Water volume		L	185	185	185	185
Maximum DHW temperature		°C	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			L	L	L	L
DHW tank ERP efficiency average / warm / cold [3]		A+ to F	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A
DHW tank ERP average climate η / COPdHW		ηwh % / COPdHW	128/3,20	140/3,50	140/3,50	140/3,50
DHW tank ERP warm climate η / COPdHW		ηwh % / COPdHW	154/3,86	160/4,00	160/4,00	160/4,00
DHW tank ERP cold climate η / COPdHW		ηwh % / COPdHW	99/2,48	112/2,80	112/2,80	112/2,80
Outdoor unit			**WH-UDZ03KE5**	**WH-UDZ05KE5**	**WH-UDZ07KE5**	**WH-UDZ09KE5**
Sound power [4]	Heat	dB(A)	55	55	56	56
Dimension / Net weight	H x W x D	mm / kg	622 x 824 x 298/37	795 x 875 x 320/55	795 x 875 x 320/55	795 x 875 x 320/55
Refrigerant (R32) / CO_2 Eq.		kg / T	0,9/0,608	1,3/0,878	1,3/0,878	1,3/0,878
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35)/1/2(12,70)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)
Pipe length range / Elevation difference (in / out)		m / m	3 ~ 25/20	3 ~ 40(3 ~ 50) [4]/30	3 ~ 40(3 ~ 50) [4]/30	3 ~ 40(3 ~ 50) [4]/30
Operating range - outdoor ambient	Heat	°C	-20 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

			Aquarea High Performance Bi-bloc K Generation Single phase. Heating and Cooling			
			Single phase (power to indoor)			
Kit 3 kW electric heater			**KIT-WC03K3E5**	**KIT-WC05K3E5**	**KIT-WC07K3E5**	**KIT-WC09K3E5**
Kit 6 kW electric heater			**KIT-WC05K6E5**	**KIT-WC05K6E5**	**KIT-WC07K6E5**	**KIT-WC09K6E5**
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP	3,20/5,33	5,00/5,10	7,00/4,86	9,00/4,55
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP	3,20/3,64	5,00/3,57	6,85/3,43	7,00/3,40
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	—/—	—/—	—/—	—/—
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	—/—	—/—	—/—	—/—
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	—/—	—/—	—/—	—/—
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	—/—	—/—	—/—	—/—
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER	3,20/3,52	5,00/3,05	6,70/3,03	8,20/2,72
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER	—/—	—/—	—/—	—/—
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	5,07/3,47(200/136)	5,12/3,63(202/142)	4,90/3,62(193/142)	4,44/3,41(175/133)
	Energy class [2]	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	6,20/4,20(245/165)	6,00/4,20(237/165)	5,75/4,07(227/160)	5,75/4,07(227/160)
	Energy class [2]	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	4,00/2,83(157/110)	4,08/2,95(160/115)	4,18/2,98(164/116)	4,18/2,98(164/116)
	Energy class [2]	A+++ to D	A++/A+	A++/A+	A++/A+	A++/A+
Indoor unit 3 kW electric heater			**WH-SDC0309K3E5**	**WH-SDC0309K3E5**	**WH-SDC0309K3E5**	**WH-SDC0309K3E5**
Indoor unit 6 kW electric heater			**WH-SDC0309K6E5**	**WH-SDC0309K6E5**	**WH-SDC0309K6E5**	**WH-SDC0309K6E5**
Sound pressure	Heat / Cool	dB(A)	28/28	28/28	30/30	30/31
Dimension	H x W x D	mm	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348
Net weight		kg	42	42	42	42
Outdoor unit			**WH-UDZ03KE5**	**WH-UDZ05KE5**	**WH-UDZ07KE5**	**WH-UDZ09KE5**
Sound power [4]	Heat	dB(A)	55	55	56	56
Dimension / Net weight	H x W x D	mm / kg	622 x 824 x 298/37	795 x 875 x 320/55	795 x 875 x 320/55	795 x 875 x 320/55
Refrigerant (R32) / CO_2 Eq.		kg / T	0,9/0,608	1,3/0,878	1,3/0,878	1,3/0,878
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35)/1/2(12,70)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)
Pipe length range / Elevation difference (in / out)		m / m	3 ~ 25/20	3 ~ 40(3 ~ 50) [4]/30	3 ~ 40(3 ~ 50) [4]/30	3 ~ 40(3 ~ 50) [4]/30
Operating range - outdoor ambient	Heat	°C	-20 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

1) Kit 3 kW electric heater available in 2 zones and with Electrical Anode models. 2) Scale from A+++ to D. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. 4) Check local regulations.* EER and COP calculation is based in accordance to EN14511. ** This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.

Aquarea T-CAP

For retrofit and new builds, install the T-CAP heat pump keeping Total Capacity even at extremely cold ambient.



			Aquarea T-CAP All in One K Generation Single phase / Three phase. Heating and Cooling [1]				Aquarea T-CAP Bi-bloc K Generation Single phase / Three phase. Heating and Cooling			
			Single phase (power to indoor)		Three phase (power to indoor)		Single phase (power to indoor)		Three phase (power to indoor)	
Kit 3 kW electric heater			—	—	—	—	**KIT-WXC09K3E5**	—	**KIT-WXC09K3E8**	—
Kit 6 kW electric heater			**KIT-AXC09KE5**	**KIT-AXC12KE5**	—	—	**KIT-WXC09K6E5**	**KIT-WXC12K6E5**	—	—
Kit 9 kW electric heater			—	—	**KIT-AXC09KE8**	**KIT-AXC12KE8**	—	—	**KIT-WXC09K9E8**	**KIT-WXC12K9E8**
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP	9,00/5,03	12,10/4,84	9,00/5,03	12,10/4,84	9,00/5,03	12,10/4,84	9,00/5,03	12,10/4,84
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP	—/—	—/—	—/—	—/—	—/—	—/—	—/—	—/—
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	—/—	—/—	—/—	—/—	—/—	—/—	—/—	—/—
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	—/—	—/—	—/—	—/—	—/—	—/—	—/—	—/—
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	—/—	—/—	—/—	—/—	—/—	—/—	—/—	—/—
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	9,00/3,69	12,00/3,44	9,00/3,69	12,00/3,44	9,00/3,69	12,00/3,44	9,00/3,69	12,00/3,44
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER	8,80/3,11	10,70/2,68	8,80/3,11	10,70/2,68	8,80/3,11	10,70/2,68	8,80/3,11	10,70/2,68
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER	—/—	—/—	—/—	—/—	—/—	—/—	—/—	—/—
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)
	Energy class [2]	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)
	Energy class [2]	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)
	Energy class [2]	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++
Indoor unit 3 kW electric heater			—	—	—	—	**WH-SXC09K3E5**	—	**WH-SXC09K3E8**	—
Indoor unit 6 kW electric heater			**WH-ADC0912K6E5**	**WH-ADC0912K6E5**	—	—	**WH-SXC09K6E5**	**WH-SXC12K6E5**	—	—
Indoor unit 9 kW electric heater			—	—	**WH-ADC0912K9E8*** **	**WH-ADC0912K9E8*** **	—	—	**WH-SXC09K9E8**	**WH-SXC12K9E8**
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33	33/33	33/33	33/33	33/33
Dimension	H x W x D	mm	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602	892 x 500 x 340	892 x 500 x 340	892 x 500 x 340	892 x 500 x 340
Net weight		kg	101	101	—	—	43	43	43	44
Water volume		L	185	185	185	185				
Maximum DHW temperature		°C	65	65	65	65				
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel				
Tapping profile according EN16147			L	L	L	L				
DHW tank ERP efficiency average / warm / cold [3]		A+ to F	A/A/A	A/A/A	A/A/A	A/A/A				
DHW tank ERP average climate η / COPdHW		ηwh % / COPdHW	112/2,80	112/2,80	112/2,80	112/2,80				
DHW tank ERP warm climate η / COPdHW		ηwh % / COPdHW	132/3,30	132/3,30	132/3,30	132/3,30				
DHW tank ERP cold climate η / COPdHW		ηwh % / COPdHW	88/2,20	88/2,20	88/2,20	88/2,20				
Outdoor unit			**WH-UXZ09KE5**	**WH-UXZ12KE5**	**WH-UXZ09KE8**	**WH-UXZ12KE8**	**WH-UXZ09KE5**	**WH-UXZ12KE5**	**WH-UXZ09KE8**	**WH-UXZ12KE8**
Sound power [4]	Heat	dB(A)	51	52	51	52	51	52	51	52
Dimension / Net weight	H x W x D	mm / kg	1340 x 900 x 320/88	1340 x 900 x 320/88	1340 x 900 x 320/—	1340 x 900 x 320/—	1340 x 900 x 320/88	1340 x 900 x 320/88	1340 x 900 x 320/88	1340 x 900 x 320/88
Refrigerant (R32) / CO_2 Eq.		kg / T	2,20/1,485	2,20/1,485	2,20/1,485	2,20/1,485	2,20/1,485	2,20/1,485	2,20/1,485	2,20/1,485
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)
Pipe length range / Elevation difference (in / out)		m / m	3~30/20	3~30/20	3~30/20	3~30/20	3~30/20	3~30/20	3~30/20	3~30/20
Operating range - outdoor ambient	Heat	°C	-28~+35	-28~+35	-28~+35	-28~+35	-28~+35	-28~+35	-28~+35	-28~+35
	Cool	°C	+10~+43	+10~+43	+10~+43	+10~+43	+10~+43	+10~+43	+10~+43	+10~+43
Water outlet	Heat / Cool	°C	20~60/5~20	20~60/5~20	20~60/5~20	20~60/5~20	20~60/5~20	20~60/5~20	20~60/5~20	20~60/5~20

1) Kits available with Electrical Anode models. 2) Scale from A+++ to D. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. 4) Check local regulations.* EER and COP calculation is based in accordance to EN14511. ** This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility. *** Available Autumn 23. **** Tentative data.

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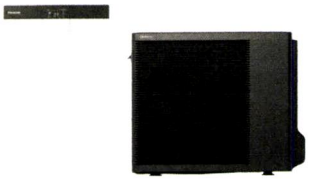
Panasonic Heating & Ventilation Air-Conditioning Europe
Hagenauer Strasse 43, 65203 Wiesbaden, Germany

EU-LFTAQK0123/01

Panasonic

heating & cooling solutions

KIT-WC05K3E5 (WH-SDC0309K3E5 + WH-UDZ05KE5) / KIT-WC05K6E5 (WH-SDC0309K6E5 + WH-UDZ05KE5)



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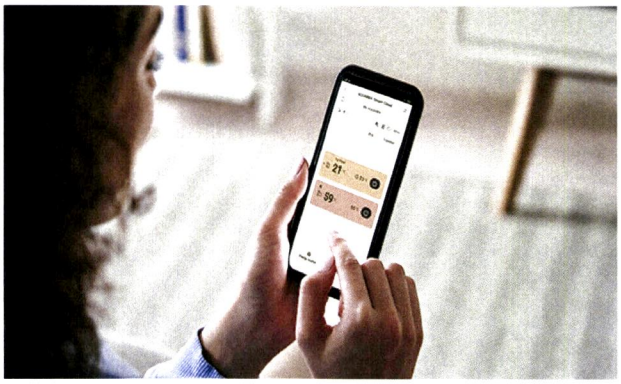

Aquarea Smart Solutions

Manage your heating, cooling, and hot water with advanced, user-friendly apps for complete control and optimisation of Aquarea systems.

FIND OUT MORE

K Generation 1 phase · R32

		5 kW
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A+
Outdoor dimension (Depth)	mm	380
Outdoor dimension (Width)	mm	875
Heating water flow (ΔT=5 K. 35°C)	L/min	14,3
A class pump (Number of speeds)		Variable speed
Water pipe connector	Inch	R 1¼
Indoor sound pressure (Cool)	dB(A)	28
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	6,00 / 4,20
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	237 / 165
Elevation difference (in/out)	m	30
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,08 / 2,95
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	160 / 115
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A++
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	5,12 / 3,63
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	202 / 142
EER (A 35°C, W 18°C)		4,9
Cooling capacity (A 35°C, W 18°C)	kW	5
COP (A -7°C, W 55°C)		1,89
Electrical information		**3kW — 6kW**
Outdoor sound power (Heat) (2)	dB(A)	55
Recommended fuse	A	16 / 16 — 16 / 30

K Generation 1 phase · R32

		5 kW
Recommended minimum cable size, supply 2 (5)	mm^2	3x1,5 — 3x4,0
Recommended minimum cable size, supply 1 (5)	mm^2	3x1,5 — 3x1,5
Electric backup heater	kW	3,00 — 6,00
Heating capacity (A -7°C, W 55°C)	kW	5
Indoor unit 6kW electric heater		**WH-SDC0309K6E5**
Indoor unit 3kW electric heater		**WH-SDC0309K3E5**
Kit 6kW electric heater		**KIT-WC05K6E5**
Kit 3kW electric heater		**KIT-WC05K3E5**
Operation range - Outdoor ambient (Cool)	°C	+10 ~ +43
Operation range - Outdoor ambient (Heat)	°C	-25 ~ +35
Heating capacity (A +7°C, W 35°C)	kW	5
Indoor dimension (Height)	mm	892
Pipe length range	m	3 ~ 40 (3 ~ 50) (3)
EER (A 35°C, W 7°C)		3,05
Cooling capacity (A 35°C, W 7°C)	kW	5
COP (A -7°C, W 35°C)		2,79
Heating capacity (A -7°C, W 35°C)	kW	5
COP (A +2°C, W 35°C)		3,57
Heating capacity (A +2°C, W 35°C)	kW	5
COP (A +7°C, W 35°C)		5,1
Indoor net weight	kg	40 (3kW) / 41 (6kW)
Pipe length for additional gas	m	10
COP (A +2°C, W 55°C)		2,29
Heating capacity (A +2°C, W 55°C)	kW	5
COP (A +7°C, W 55°C)		3,03
Heating capacity (A +7°C, W 55°C)	kW	5
Outdoor unit		**WH-UDZ05KE5**
Additional gas amount	g/m	25
Pipe diameter (Gas)	Inch (mm)	5/8 (15,88)
Pipe diameter (Liquid)	Inch (mm)	1/4 (6,35)
Indoor dimension (Depth)	mm	348
Indoor dimension (Width)	mm	500
Refrigerant (R32) / CO2 Eq.	kg / T	1,3 / 0,878

K Generation 1 phase · R32

		5 kW
Indoor sound pressure (Heat)	dB(A)	28
Outdoor net weight	kg	55
Outdoor dimension (Height)	mm	795

Complementary products

Wicklow County Council
County Buildings
Wicklow
0404-20100

15/12/2025 14 15 07

Receipt No L1/0/356228

GABRILLE IGOE
6 WOODLANDS COURT
GREYSTONES
WICKLOW A63TK65

EXEMPTION CERTIFICATES	80 00
GOODS 80 00	
VAT Exempt/Non-vatable	

Total	80 00 EUR

Tendered
Credit Card 80 00

Change 0 00

Issued By Joanne Tighe
From Customer Service Hub
Vat reg No 0015233H

Wicklow County Council
County Buildings
Wicklow
Co Wicklow
Telephone 0404 20148
Fax 0404 69462

Office Use Only

Date Received _____

Fee Received _____

APPLICATION FORM FOR A DECLARATION IN ACCORDANCE WITH SECTION 5 OF THE PLANNING & DEVELOPMENT ACTS 2000(AS AMENDED) AS TO WHAT IS OR IS NOT DEVELOPMENT OR IS OR IS NOT EXEMPTED DEVELOPMENT

1. Applicant Details

(a) Name of applicant: Gabrielle Igoe
Address of applicant: _6 Woodlands Court, Greystones Co Wicklow A63PK65_

Note Phone number and email to be filled in on separate page.

2. Agents Details (Where Applicable)

(b) Name of Agent (where applicable) N/A

Address of Agent : _____

_____

Note Phone number and email to be filled in on separate page.

3. Declaration Details

i. Location of Development subject of Declaration 6 Woodlands Court Greystones

Co Wicklow A63PK65

Are you the owner and/or occupier of these lands at the location under i. above ? Yes

iii. If 'No' to ii above, please supply the Name and Address of the Owner, and or occupier

iv. Section 5 of the Planning and Development Act provides that : If any question arises as to what, in any particular case, is or is not development and is or is not exempted development, within the meaning of this act, any person may, an payment of the prescribed fee, request in writing from the relevant planning authority a declaration on that question. You should therefore set out the query for which you seek the Section 5 Declaration

see PDF document

Additional details may be submitted by way of separate submission.

v. Indication of the Sections of the Planning and Development Act or Planning Regulations you consider relevant to the Declaration

See PDF document

Additional details may be submitted by way of separate submission.

vi. Does the Declaration relate to a Protected Structure or is it within the curtilage of a Protected Structure (or proposed protected structure) ? No

vii. List of Plans, Drawings submitted with this Declaration Application

See PDF document

viii. Fee of € 80 Attached ? will be paid via cash desk by phone

Signed : Dated : 15/12/25

Additional Notes :

As a guide the minimum information requirements for the most common types of referrals under Section 5 are listed below :

A. Extension to dwelling - Class 1 Part 1 of Schedule 2

- Site Location Map
- Floor area of structure in question - whether proposed or existing.
- Floor area of all relevant structures e.g. previous extensions.
- Floor plans and elevations of relevant structures.
- Site Layout Plan showing distance to boundaries, rear garden area, adjoining dwellings/structures etc.

B. Land Reclamation -

The provisions of Article 8 of the Planning and Development Regulations 2001 (as amended) now applies to land reclamation, other than works to wetlands which are still governed by Schedule 2, Part 3, Class 11. Note in addition to confirmation of exemption status under the Planning and Development Act 2000(as amended) there is a

certification process with respect to land reclamation works as set out under the European Communities (Environmental Impact Assessment) (Agriculture) Regulations 2011 S.I. 456 of 2011. You should therefore seek advice from the Department of Agriculture, Fisheries and Food.

Any Section 5 Declaration should include a location map delineating the location of and exact area of lands to be reclaimed, and an indication of the character of the land.

C. Farm Structures - Class 6 -Class 10 Part 3 of Schedule 2.

- Site layout plan showing location of structure and any adjoining farm structures and any dwellings within 100m of the farm structure.

- Gross floor area of the farm structure

- Floor plan and elevational details of Farm Structure and Full details of the gross floor area of the proposed structure.

- Details of gross floor area of structures of similar type within the same farmyard complex or within 100metres of that complex.