

# Case Study

## The Project:

**Studio Flat**

## Product Installed:

**KPH-2100 Wireless**

## The Detail:

Annex building as part of the main 6 bed house been converted to Studio flat measuring 6.75m x 3m with new Kitchenette. Open plan area has 2 large Double glazed windows measuring 1.20m x 1.50m and 1.20m x 1.75m, wooden door. Wall construction is 200mm aerated concrete block (Breeze block) with 12mm rendering. Pitched roof with 200mm loft insulation. Combi boiler (Worcester bosch greenstar) providing the heating to main house and the annex building.



## Previous Heating:

Single panel single convector – 600mm x 1300mm

Single panel single convector – 600mm x 1400mm

Heating control: Thermostatic radiator valves



## The Solution:

Kitchen plinth heater – **KPH-2100 Wireless**

Patent pending) Heating control – Wireless thermostat

Thermix KPH-2100 wireless model replaced 2 radiators helped the house owner to provide more wall space to new studio flat where the tenant is now able to fit a sofa, dining table etc. Space saving, faster heating and accurate temperature control made the house owner choose the Thermix KPH-2100 wireless as an ideal heat emitter for this project.

With the help of low water content in the heat exchanger and fan convector technology it provides much quicker heating to the space. Such a low water content gives very minimal residual heat when the heating goes off.



## Product features:

- Fits neatly under kitchen plinth cabinet.
- In-built Temperature sensor allows the fan to blow the heater when the central heating water temperature reaches above 40°C. This feature stops the heater blowing cold air when the heating is turned off.
- Fan speed: Heater also comes with two speed options helps the user to boost the heat in cold winter days.
- Grille Colour options: White, Silver, Black, Brushed stainless steel and unpainted grille for self-finishing.
- Quieter operation at just 30dba on low speed
- Supplied with Flexible hoses – 900mm long.
- Wireless thermostat: *All our wireless models comes with non-programmable thermostat as standard pre-linked with heater. Programmable thermostat or App controllable thermostat as option.*

## Hydronic – Wireless models Tech. Specification:

Available models: KPH-1500W, KPH-1800W & KPH-2100W

Heat output: 1.3kW to 2.1kW (@ 70°C entering water temp.)

Fan motor power: 14 to 19 Watts

Pipe connection: 15mm

Flexible hoses supplied

Thermostat options: Non-programmable (Standard), 7 day Programmable and App controlled (Optional).

Dimensions: 94mm (H) x 370 (W) X 287mm (D)

Warranty: 2 Years

Product Suitability: With low water content and faster response allows the heater to operate with condensing boilers, Air-source heat pump, Ground source heat pump

Non-Programmable Thermostat



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