

Case Study

The Project:

3 bed Semi-detached house

Product Installed:

KPH-1800 Wireless (Patented)

The Detail:

Existing Kitchen measuring 3m x 4m area had a 15 year old bulky double panel radiator on the wall obstructing the Kitchen door when it gets opened. This is the only wall space in the kitchen where the kitchen bin can be placed.

The property owner was undergoing a heating redesign of the rooms.

Owner in his words: After lived in the house for few years we always found the radiator on the way obstructing the path leading to the kitchen door.



Before



After



Previous Heating:

Double panel radiator (See Photo right)

The Solution:

Kitchen plinth heater – KPH-1800 Wireless

We were looking for a solution to heat the kitchen efficiently without needing the radiator taking up the wall space.

When we searched for kitchen heating ideas online we came across the plinth heating products which fits under the kitchen cabinet nicely.

After looking few different British manufacturer we settled with Thermix KPH-1800 Wireless as their product comes with wireless thermostat to give better room temperature control. This particular manufacture had few different colour options on the front grille to suit different colour kitchen.

We decided to fit under the 800mm kitchen unit next to our fridge/ freezer where the central heating pipes are accessible (see the picture below).

After we ordered the heater from the manufacture we called to get few advice on how to fit and operate the heater. Their technical person I spoke were extremely helpful and gave me some advice on better looking installation option and other ideas around device control.



Before



After

We took the Thermix advice on a letter box type installation which not only looked good it also avoid water on the grille when we mope the floor.

Our plumber only took around half day to extend the pipe and install the plinth heater. In his word, "nice little heater for the job".

When we turned the heating on that evening we found nice warmth in the kitchen and the heater operating quietly next to the fridge. We happy that removing the radiator and fitting the plinth heater was well worth it.

We not the only one happy with the heater it seems to be someone else in our house is loving the warmth as well. (See below picture)



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
- Power supply: 230V.
- Fan motor power: 19 watts (max.)
- Heat output of 1500 watts @ Normal speed and 1700 watts @ Boost speed (Based on entering water temperature of 70°C).
- Max. Operating pressure: 6 bar
- Pipe connection size: 15mm
- Product Body Dimensions: 370 mm x 287 mm x 96mm (L x D x H)
- Front Grille Dimensions: 500 mm x 100 mm (W x H)
- Noise level: 32 dBA (Normal speed) & 37 dbA (boost speed)
- Minimum clearance of 20mm between top of product and underside of shelving required allow 50mm behind the unit for water pipe connection.



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