Installation & User Guide

<u>Kitchen Plinth Heater models</u>
KPH 1300-B
KPH 1500-C, KPH 1800-C & KPH 2100-C
KPH 1500-W, KPH 1800-W & KPH 2100-W

Classic models

Wireless models

Introduction

This heater is intended to install behind the plinth in the space under the kitchen cupboards. However, it can be installed in similar kind of application.

This unit is made for two pipe pumped central heating systems. Flow and return and pipes should be connected as per drawing mentioned in page 2.This unit should not be installed in one pipe system.

To allow enough airflow a minimum clearance of 20-25mm from the top of the unit to the any shelving. This unit must be installed of flat surface to avoid vibration.

Isolating valves (not supplied) should be fitted to both pipes (flow & return) to allow easy servicing. The flexible hose should be fitted to both pipe (flow & return) to allow easy servicing.

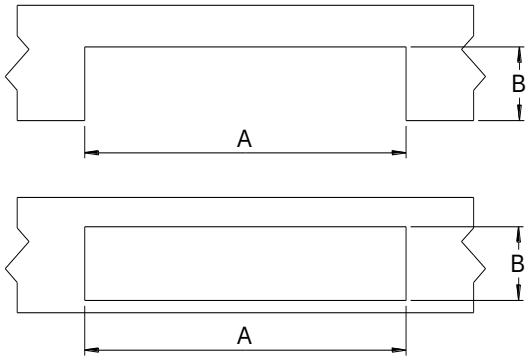
This unit should not be installed in bath room or high humid areas.

Electrical connections should be via 3A fused spur and it should be accessible after the installation.

The following items should be in the carton:
Product complete with pre-wired mains cable.
Flexible connecting Hoses (Not provided with KPH-1300B)
Fitted Grille
Fixing screws (2) with screw caps
Wireless Thermostat (Models KPH 1500-W, KPH 1800-W & KPH 2100-W Only)
In the event of any items missing or visibly damaged on unpackaging, please contact us on email before starting any installation.

Installation:

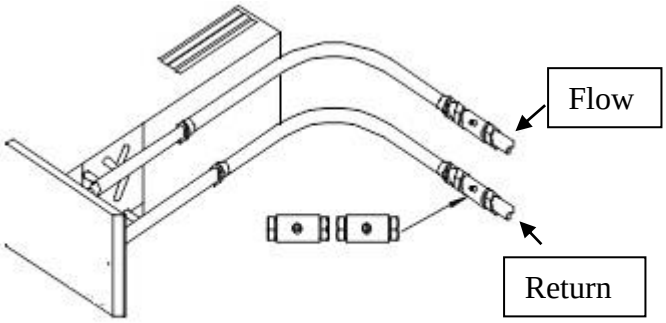
1. The heater should be installed by a qualified plumber. We recommend the use of a knee pad when installing this product. Cut the opening in the plinth to the size shown in the table. Use method A or B.



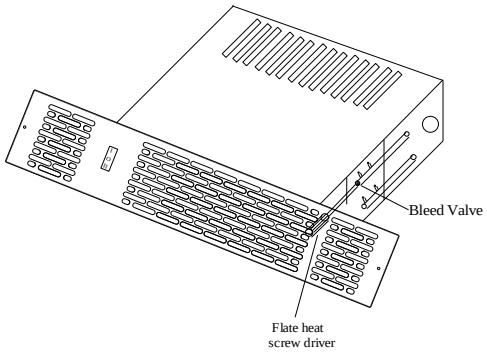
Model	Width A	Height B*
KPH 1300/1500/1800/2100	462mm	97mm

* The overall height of the grille is 100mm. Use

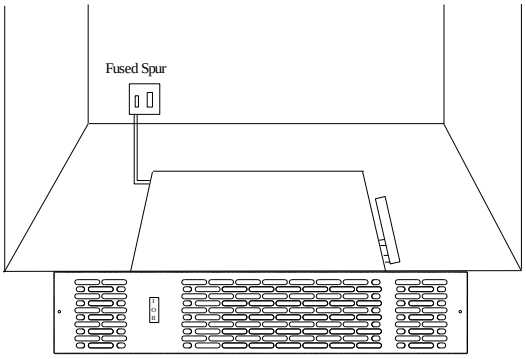
2. Fit isolating valves (not supplied) to the system flow and return pipes. Failure to fit isolating valves may mean that the product is not serviceable in the event of failure. Remove and discard the two protection bungs in the copper pipes and connect the flexible hoses between system pipework and heater. Open the isolating valves and check for leaks.



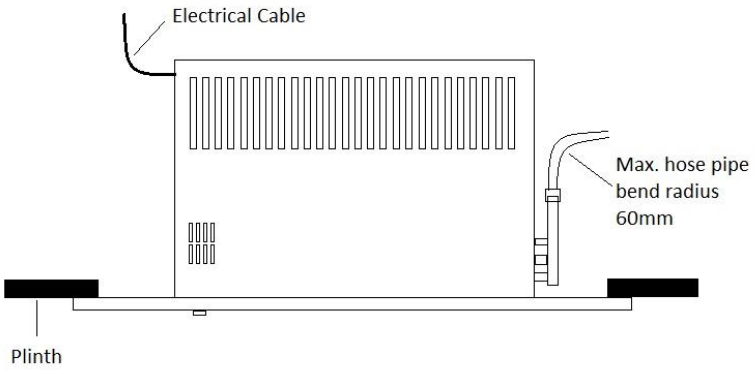
3. Vent air through bleed screw if necessary with flat blade screw driver.



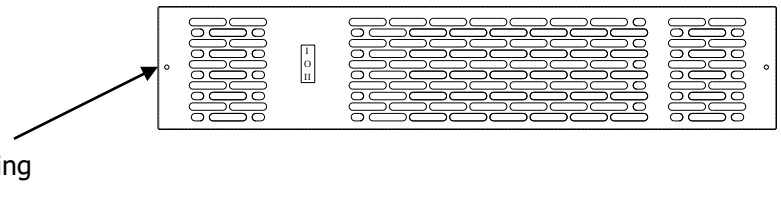
4. Isolate electrical supply and connect the heater electric cable to the fused spur (3A). Ensure the fused spur is not directly above the heater and is accessible after installation is complete. Electrical works should be carried out by a qualified electrician, in compliance with local regulations



5. Position heater, making sure the flexible hoses is not kinked and the electrical cable is not snagged.



6. Fix the heater to plinth using fixing screw holes located at either end of grille.



Commissioning:

1. Turn on the electrical supply at the fused spur.
2. Set the switch to either l or ll.
3. Turn on the central heating system.
4. Set any room thermostat/s to maximum.
5. Check pipework connections for leaks
6. Set the switch to l – the fan should run and heat will flow within a few minutes if water temperature in the system is more than 40°C.
7. Balance the central heating system if Kitchen plinth heater is installed on the same circuit as panel radiators.
8. When the installation is working correctly, remember to reset any room thermostat/s to its normal setting

Fault Finding:

(Please note the most common issue that causes the unit not to operate is due to the water temperature at the heater and or water flow to the unit.)

1. Fan does not run on any switch setting.

a). Check the power supply is switched ON.
b). Check fuse in fused spur.
c). Check the wiring connections at the fused spur.
d).Check the pipes on the side of the unit are hot to touch if the pipes are not hot please check the following :

>Ensure any existing room thermostat calling for heat
>Balance the Central heating to get flow to the plinth heater
>Increase the flow speed on heating circulation pump

Electrical Connections:

The wires in the mains cable are colored in accordance with the following code:

Earth: Green and Yellow
Neutral: Blue
Live: Brown

Note: Please make sure that this unit is earthed.

Product Performance Table:

Model	Speed	Output @ 75°C (watts)	Output @ 70°C (watts)	Output @ 65°C (watts)	Output @ 60°C (watts)	Output @ 55°C (watts)	Output @ 50°C (watts)	Output @ 45°C (watts)
KPH-1300B	Low	1411	1305	1200	1010	880	700	495
KPH-1500C	Low	1405	1260	1181	1040	850	701	490
	High	1545	1450	1341	1212	1002	801	583
KPH-1800C	Low	1611	1505	1382	1235	993	738	513
	High	1855	1702	1591	1457	1233	840	624
KPH-2100C	Low	1925	1669	1472	1386	1227	1039	937
	High	2153	1861	1717	1556	1352	1270	1032
KPH-1500W	Low	1405	1260	1181	1040	850	701	490
	High	1545	1450	1341	1212	1002	801	583
KPH-1800W	Low	1611	1505	1382	1235	993	738	513
	High	1855	1702	1591	1457	1233	840	624
KPH-2100W	Low	1925	1669	1472	1386	1227	1039	937
	High	2153	1861	1717	1496	1352	1270	1032

Because of our policy of continuous improvement, we reserve right to make changes in all specification without notice.

Warranty:

This product is covered by a standard 12 month product replacement warranty against any manufacturing defects or workmanship. Warranty is only for the main product not for any accessories that comes with the heater. The manufacturer reserves the right to replace or repair the product. To extend your warranty to 24 months the product must be registered online within 28 days from purchase date. See the warranty instruction note included for more details.

This warranty will not cover:

- Necessary maintenance and repair or replacement of parts due to normal wear and tear.
- Transport costs, labour cost related to commissioning/decommissioning the product from the central heating system.

Products with this symbol (crossed out wheelie bin) cannot be disposed as household waste. Old electrical and electronic equipment must be recycled at a facility capable of handling these products and their waste by-products. If you are purchasing replacement equipment your retailer may offer a 'take back' scheme, or will be able to give details of the nearest approved authorised treatment facility. Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.

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