

Patio Heater Controls Reduce Running Costs

BN Thermic patio heaters are 100% effective the instant they switched on. We therefore recommend controls that help to ensure that unoccupied areas are not heated. This is best achieved using a push button timer or a movement sensor.

Standard Push Button Timer

The BN Thermic TS-3 is a compact, surface mount, weatherproof device conforming to IP66. A simple push button will energise a heater or heaters for a pre-programmed period between 2 minutes and 2 hours. Once this period has elapsed the heating will be automatically switched off until the button is pushed again. The device is vandal resistant and tamperproof meaning only authorised personnel can adjust the time settings. The TS-3 has a switching capacity of 16A. It can therefore directly switch a combined load of up to 3kW. Larger loads or 3-phase loads can be switched via a suitably rated contactor.



TS-3 Timer
Energy saving timer
weather-proof to IP66

High Capacity Soft Start Timer

The TS-5 timer is designed for direct switching of patio heaters with a combined load of up to 6kW. The time delay period can be adjusted from 5 minutes to 70 minutes and once this time period has elapsed the heating will be switched off automatically. The device is rated IP55 making it completely safe for outdoor installation. The built-in triac provides 'soft start' prolonging lamp life and reducing stress on the mains supply. The TS-5 includes terminals allowing the device to be connected to a remote programmable timer and/or a thermostat.



TS-5
for directing switching
of loads up to 6kW

Movement Sensor

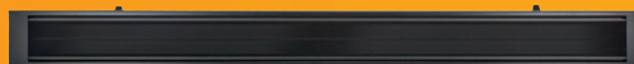
The BN Thermic WH-402 is a compact, surface mount, weatherproof device conforming to IP55. The WH-402 will detect movement in an area up to 12m from its mounting position in a 180° arc. Both distance and angle of detection can be reduced if required. Once movement has been detected, the heating will be switched on. If no further movement is detected within a pre-programmed time period (5 seconds to 18 minutes) the heating will be automatically switched off. The WH-402 has a switching capacity of 16A. It can therefore directly switch a combined load of up to 3kW. Larger loads or 3-phase loads can be switched via a suitably rated contactor.



WH-402
Energy saving device
ensuring that heating is
switched off when an area
is unoccupied

NEW from **BNthermic**

ETH Terrace Heater



Outdoor heating with no light output

Sleek and stylish ETH Terrace Heaters provide outdoor heating without the light output associated with conventional patio heaters. They are best suited to sheltered areas and are suitable for both domestic and commercial applications.



ETH Terrace Heater installed
at the Duke of Wellington in
Shoreham



The heaters can be wall mounted, using the angle adjustable brackets provided, or suspended from chains.

ETH Terrace Heater – Specification

Model	kW	Dimensions (mm)			Weight (kg)
		L	H	D	
ETH-10	1.0	1080	140	45	4.0
ETH-15	1.5	1580	140	45	6.0

BNthermic

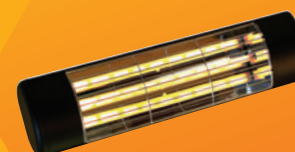
BN Thermic Ltd, 34 Stephenson Way, Three Bridges,
Crawley, West Sussex RH10 1TN

Tel 01293 547361 Fax 01293 531432

Email sales@bnthermic.co.uk Web www.bnthermic.co.uk

BNthermic

Professional Quality Patio Heaters



The **BN**thermic Range

HWP2-B 1.5kW Black



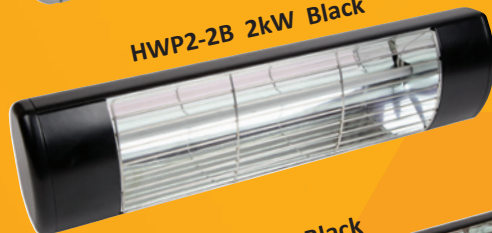
HWP2-W 1.5kW White



HWP2-S 1.5kW Silver



HWP2-2B 2kW Black



HWP2-3B 3kW Black



HWP2-45B 4.5kW Black



Features

- Shortwave halogen heaters providing direct heat to people without heating the surrounding air
- Instantly effective
- Heat output cannot be blown off course by draughts
- IP55 rating allowing the heater to be installed and left outdoors throughout the year
- Long life halogen lamp – easily replaceable
- Aluminium construction with stainless steel safety grille
- Angle adjustable wall-mounting bracket (can be suspended if required)
- Open front design provides a 25% increase in heating efficiency compared with glass fronted heaters

Applications

Can be installed in exposed outdoor areas but equally suited to semi-enclosed and enclosed areas.

Suitable for both commercial and domestic use.

Common applications include the following:

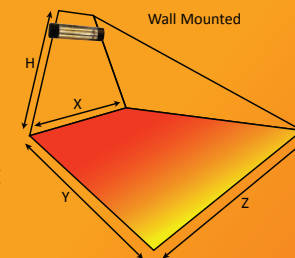
- Domestic patios
- Pub gardens
- Pavement cafes
- Golf driving ranges
- Queuing and smoking areas

HWP2 patio heaters providing instant economic heat at the Romans Pub, Southwick, West Sussex.



Patio Heater Selection

Use the following diagram and table to select the optimum mounting position. In an exposed location and where mounting height is relatively high, we recommend installing a 2kW, 3kW or 4.5kW heater.



Area covered by the heater

Heater Output	Wall Mounted				Area Covered
	H	X	Y	Z	
1.5kW	2.0m	2.3m	2.4m	4.0m	7.6m ²
1.5kW	2.5m	3.0m	3.0m	5.2m	12.3m ²
2kW	2.0m	2.3m	2.4m	4.0m	7.6m ²
2kW	2.5m	3.0m	3.0m	5.2m	12.3m ²
3kW	2.0m	2.6m	2.4m	4.5m	8.5m ²
3kW	2.5m	3.4m	3.0m	5.8m	13.8m ²
4.5kW	2.0m	7.5m	2.4m	12.0m	23.4m ²
4.5kW	2.5m	9.0m	3.0m	15.6m	26.9m ²

HWP2 Patio Heater - Specification

Model	Volts	kW	Finish	Dimensions (mm)			Weight (kg)
				H	W	D	
HWP2-W	230	1.5	White	120	480	120	1.7
HWP2-B	230	1.5	Black	120	480	120	1.7
HWP2-S	230	1.5	Silver	120	480	120	1.7
HWP2-2B	230	2.0	Black	120	480	120	1.7
HWP2-3B	230	3.0	Black	120	960	120	3.2
HWP2-45B	230/400	4.5	Black	120	1440	120	6.4

Replacement Lamps

Heater Output	Qty	Model	Description
1.5kW	1	RL15CW	1.5kW Clear Lamp
2kW	1	RL20GW	2kW Gold Lamp
3kW	2	RL15GW/3	1.5kW Gold Lamp
4.5kW	1	RL15GW	1.5kW Gold Lamp
4.5kW	2	RL15GW/4	1.5kW Gold Lamp