

HWP2 Patio Heater

- Providing safe, instant comfort heat in outdoor locations
- Ensures the maximum use of outdoor facilities
- Minimal maintenance especially when compared to gas systems
- Low running costs by selecting from a range of control options
- Smart modern design complementing external decor

Typical Applications

- Patios – both commercial and domestic
- Pub gardens
- Pavement cafes
- Golf driving ranges
- Nightclub queuing areas
- Smoking areas

Features Common to all Models

- IP55 rating allowing the heater to be installed and left outdoors throughout the year
- Aluminium construction with stainless steel safety grille
- High quality halogen lamp with 7000 hours average operating life
- Halogen lamp is easily replaceable
- Choice of black, white or silver finish
- Wall mounting bracket and parasol clamp supplied as standard
- Open fronted design provides a 25% increase in heating efficiency when compared with glass-fronted heaters
- Convenient rear mounted lugs facilitate suspension



HWP2-B



HWP2-W



HWP2-3B



HWP2-S



HWP2-45B

Controlling HWP Patio Heaters

As HWP patio heaters are 100% effective the instant they are switched on, we recommend a control system that will de-energise a heater when heating is not required. This can be achieved by means of a Push Button Timer or a Movement Detector.

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. For full details of the TS-3 see page 69.

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 (see page 68).

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. For full details of the WH-402 see page 69.

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 (see page 64).



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



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

Dimmer

In specific applications there may be a need to adjust the intensity of the heat output from a HWP patio heater. The BN Thermic VR-1 provides adjustment between 0% and 100% of heater output. It also has a definite 'click' to off allowing it to be used as an on/off switch. The VR-1 is a surface mount device but is not suitable for outdoors installation. For full details of the VR-1 see page 69.



VR-1
Dimmer switch for fine adjustment of heater output

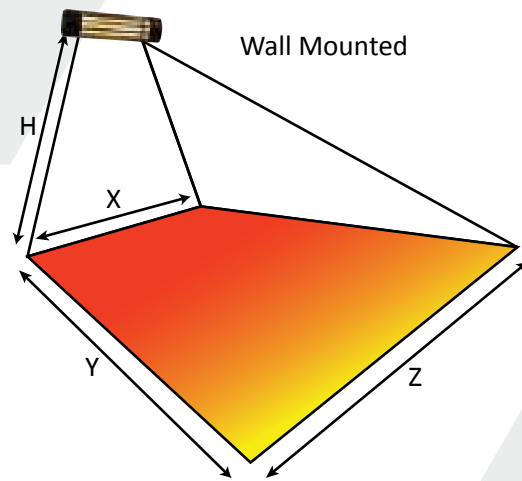
The VR-1 has a switching capacity of 13A. It can therefore directly switch a combined load of up to 3kW. For larger loads more than one VR-1 dimmer will be required.

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.



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



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 - Specifications and Prices

Model	Volts	kW	Finish	Dimensions (mm)			Weight (kg)	List Price
				H	W	D		
HWP2-W	230	1.5	White	120	480	120	1.7	£134.00
HWP2-B	230	1.5	Black	120	480	120	1.7	£134.00
HWP2-S	230	1.5	Silver	120	480	120	1.7	£134.00
HWP2-2B	230	2.0	Black	120	480	120	1.7	£167.00
HWP2-3B	230	3.0	Black	120	960	120	3.2	£245.00
HWP2-45B	230/400	4.5	Black	120	1440	120	6.4	£354.00

Replacement Lamps

Heater Output	Qty	Model	Description	List Price
1.5kW	1	RL15CW	1.5kW Clear Lamp	£38.00
2kW	1	RL20GW	2kW Gold Lamp	£53.00
3kW	2	RL15GW/3	1.5kW Gold Lamp	£53.00
4.5kW	1	RL15GW	1.5kW Gold Lamp	£51.00
4.5kW	2	RL15GW/4	1.5kW Gold Lamp	£53.00

Optional Remote Mounted Control Devices

Model	Description	Full Details on Page	List Price
WH-402	Movement sensor (16A)	69	£83.00
TS-3	Push button timer (16A)	68	£76.00
VR-1	Dimmer (13A)	69	£126.00