

## Propane Gas and Infra Red Heaters

- Our propane heaters use less gas than the competition due to their superior combustion. This is indicated by a flame that is bright blue in colour, while other makers normally produce an almost green flame which indicates an excess of gas is used. As a result of this our heaters use the maximum power of the gas with lower maintenance as unburned gas (indicated by a green flame) causes a progressive obstruction to the burner.
- The internal components used are sourced from top European manufacturers to provide years of trouble free use. The solenoid valve is manufactured from stainless steel to avoid corrosion/oxidation in damp conditions where these heaters are normally used. A faulty solenoid valve can cause non output of gas during starting or the non stop flow of gas during emergency situations increasing the possibility of fire. The thermocouple and thermomagnetic valve are supplied by Junker Bosch, a leader in this sector, to increase the reliability and reduce maintenance.
- The units have been designed for easy maintenance but also safety. All electric components are placed off the floor via the foot/handle making sure these components are kept dry and also avoiding the risk of shock due to water or damp.

- All machines except the 65308 are fitted with the new patented adjustable 'fastpress valve' allowing the user to select the desired power for his needs.
- By using a conical cylinder over the cheaper cylindrical type the hot air flow is increased allowing the heat to travel an extra 20 to 30%.

- All our heaters are supplied complete with hose and regulator ready to use and carry full CE approval.
- Model numbers 65309, 65330 and 65350 are fitted with an adjustable thermostat to enable the user to maintain a selected temperature. Ideal for frost protection.



Product number	65308	65309	65325	65330	65345	65350
Operating pressure	0.5	0.5	1.5	1.5	1.5	1.5
Fuel consumption (kgh)	0.9	0.9	0.9 - 2.8	0.9 - 2.8	1.4 - 4.9	1.4 - 4.9
Output btu/hr	41,250	41,250	49,500-127,875	49,500-127,875	61,875-226,875	61,875-226,875
Output kw/hr	11.6	11.6	14.0 - 36.0	14.0 - 36.0	17.4 - 64.0	17.4 - 64.0
Weight kgs	4.5	4.5	7.5	8.5	14	15
Dimensions WxLxH (mm)	185x375x270	185x375x270	280x520x420	280x520x420	420x640x550	420x640x550
Thermostat	NO	YES	NO	YES	NO	YES

## Infra Red Heaters

### Only HotSpot offers you all these advantages

#### INSTANT HEAT WHERE YOU NEED IT

HotSpot offers optimum heat within just two minutes – so there's no need to try and preheat an area and waste all that energy. HotSpot is ideal if you need to use an area at short notice. With HotSpot you can choose precisely the area you want to heat. Why waste money heating unoccupied areas?

#### REDUCED HEATING BILLS

Because HotSpot offers near instant, precisely directed warmth, it's one of the most energy-efficient forms of heating around. Unlike conventional heaters, HotSpot doesn't waste energy trying to heat up all the air in the building. The result? Far lower heating bills and a heating system that's much more friendly to the environment!

Factor	Location
0.08	Small buildings or rooms with good insulation and a low suspended ceiling
0.1	Large areas or rooms with good insulation, up to 3 metres ceiling height
0.15	Poorly insulated areas with higher ceilings and concrete floors
0.2	Uninsulated buildings or buildings where a reasonable level of comfort is required
0.25	General heating in a large workshop or building
0.45	Spot heating for areas within badly heated areas or with no heating at all

#### LOW CAPITAL COST

Installing HotSpot ceramic infra-red heaters is a much more cost effective alternative to many other heating systems.

#### A SAFER FORM OF HEATING

HotSpot offers a far safer alternative to solid fuel heaters. There's no need to store inflammable or explosive fuels and no possibility of potentially fatal carbon monoxide fumes either. Hung high on the wall, they're out of the reach of children too. Furthermore ceramic infra-red emitters will not shatter or explode as high temperature quartz units can.

#### SUPERB RELIABILITY

HotSpot units actually feature very few moving parts – which means there's less to go wrong. In fact, they're among the most robust and reliable heaters available anywhere today, making them ideal for use even in harsh environments.

#### A FRESHER ENVIRONMENT

Unlike quartz heaters HotSpot ceramic infra-red heaters have no distracting glare, and unlike some convection or blown air heating, they do not disturb dust. They are also silent in operation and provide a very pleasant and comfortable source of heat.

#### THE CORRECT AMOUNT OF HEAT

It is essential to calculate the correct amount of heat to ensure an adequate comfort level in your application. To do this, calculate the area in square metres, and multiply by the 'Heat' factor taken from the application columns shown left. The result is the total kW's required. The information is meant only as a guide to help you select the appropriate level of comfort for your application and will be subject to your geographic location and your personal perception of your comfort requirements.

- All heaters are fully approved to BS EN60335-2-30 1993 PT2 and CE marked
- Each unit is electronically tested before leaving the factory

Code	Description	Emitters	Mounting Height Approx.	Size W x D x H
Hotspot	2.8kw	2 x 1.4kw	N/A portable	340 x 380 x 580 mm
HSU500	Ultra 0.5kw	1 x 5.0kw	1.8 metres	220 x 65 x 123 mm
HSU1500	Ultra 1.5kw	1 x 1.5kw	2.0 metres	400 x 80 x 200 mm
HSU2000	Ultra 2.0kw	2 x 1.0kw	2.5 metres	400 x 80 x 236 mm
HSU3000	Ultra 3.0kw	2 x 1.5kw	3.0 metres	400 x 80 x 330 mm
HSU4500	Ultra 4.5kw	3 x 1.5kw	3.0 metres	400 x 80 x 460 mm
HSU6000	Ultra 6.0kw	4 x 1.5kw	3.5 metres	688 x 80 x 330 mm

