

The SUPERGLOW 1200HL heater is a high efficiency, free standing portable radiant heater. It is a high quality product of rugged construction having advanced design, safety and gas control features.

To get the best results from your heater it should be used correctly in accordance with the instructions. Also enclosed with the heater is a safety precautions leaflet giving advice on the safe use of L P gas.

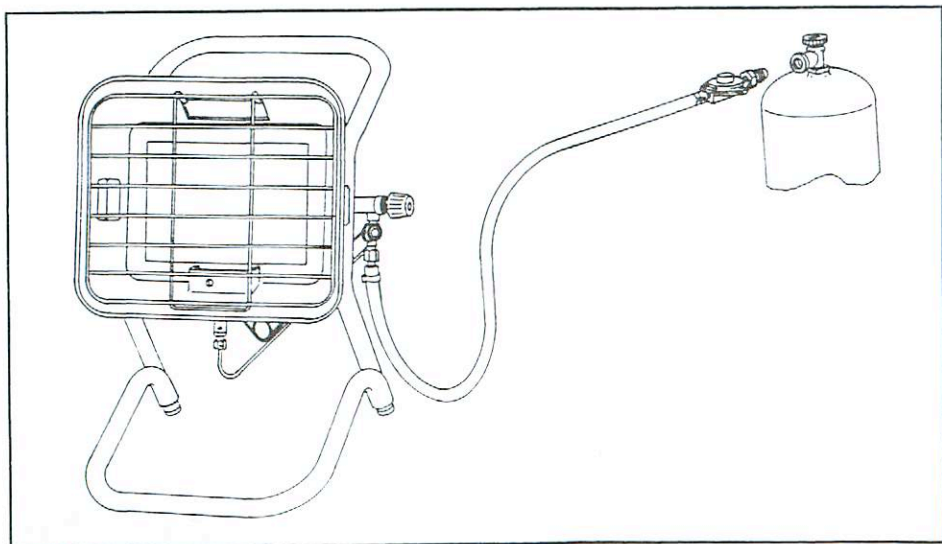
#### Ventilation and free space

Use only in a well ventilated area. The minimum room size should be not less than 37 m<sup>3</sup> (1283 ft<sup>3</sup>) with a free ventilation area of more than 91.5 cm<sup>2</sup> (15 in<sup>2</sup>) split between high and low levels. This free space and ventilation area are in addition to those required for any other gas appliances and for occupants.

#### Positioning

The heater can be positioned on the floor or on a bench. Care should be taken to position it so that it cannot overheat the gas cylinder or any other combustible surface (0.5 m minimum distance). Avoid twisting or kinking the flexible hose. Do not use aerosols, paints, glues or other flammable liquids in the same room as the heater. The heater should never be used as a boiling ring or cooking appliance. Do not use in basements or below ground level.

Your Superglow is intended for indoor use and the pilot is protected against moderate draughts but avoid placing it in windy or very draughty locations.



#### Using the Superglow

Your Superglow is supplied complete with a 37 mbar low pressure regulator. The regulator can be connected directly to a cylinder of propane gas of any size

and the heater used immediately.

#### Connection to the gas supply:

1. Remove red protective cover from the regulator and check that the dome shaped inlet connector and the inside sealing face of the cylinder valve are clean and undamaged. Replace protective cover when regulator is not in use.
2. Connect the regulator to the cylinder and spanner tighten the nut. It has a left hand thread.
3. Check that the hose is not twisted and is secured at both ends with hose clips and that the gas connections are tight. Turn on the gas at the cylinder valve; no gas should yet flow through the heater. If it does, turn off the cylinder valve and consult your dealer.
4. Check for gas leaks using a soap solution or a leak detecting fluid as described in the Safety Precautions. Do not light heater if any gas is leaking but turn off the cylinder valve and have the heater serviced.

Never search for gas leaks with a naked flame.

5. When changing gas cylinders always ensure that there are no naked flames in the area. Check that the cylinder valve is closed before disconnecting or reconnecting the heater

#### Lighting the heater:

1. Adjust the variable heat control anti clockwise to high.
2. Push and hold in the safety valve button. Apply a lighted taper or match to the pilot through the hole in the front of the pilot shield. Release the button after approximately 10 seconds and the heater should remain alight. If not repeat the procedure, holding in the button a little longer. If the heater will not remain alight turn off the heater at the cylinder valve and consult your dealer.
3. The heat input can be varied between 2.22 kW minimum and 3.66 kW maximum by means of the variable heat control valve. The maximum setting is obtained when the valve is opened fully anti clockwise and the minimum when the valve is fully clockwise. The control does not completely shut off the gas to the heater; this can only be done by turning off the cylinder valve.
4. After use turn the heater off using the cylinder valve and allow the flame to die down. Do not turn on the cylinder valve again until the heater is about to be used. The propane cylinder should be stored outside in a well ventilated place when not in use.

IF YOU ARE IN ANY DOUBT ABOUT THE USE OF THE SUPERGLOW, TURN OFF THE GAS AT THE CYLINDER VALVE AND CONSULT YOUR DEALER.

#### Care of the Superglow

The Superglow 1200HL is designed to withstand tough conditions but it should be periodically cleaned and maintained. The heater should be serviced at the

beginning of each heating season or if it has not been used for a year or more. Your dealer can arrange for servicing to be done by trained agents who will ensure that the heater remains safe and efficient.

#### Cleaning

When the heater is cold wipe exposed metal surfaces with a damp cloth. Avoid touching the radiant burner surface.

#### Burner

The radiant plaque is made from a special non-asbestos ceramic fibre. It readily absorbs shocks but has a soft surface which can be damaged if wiped or brushed. Light dirt or dust can be gently blown off but avoid blocking any of the holes. If the plaque becomes blocked or damaged or if it burns with a fluffy or yellow tipped or smelly flame the heater should not be used until it has been serviced by a trained agent.

#### Regulator

The domed end of the inlet connector of the regulator forms a gas tight seal when connected to the cylinder valve. Keep it clean and free from damage. When the regulator is not connected to the cylinder, replace the red protective cover over the connector.

#### Hose

Keep the hose clean and inspect it regularly for damage. If it is cut, split or heavily scuffed have it replaced. Only 8 mm bore hose marked BS 3212/2 (Bullfinch No. 1319) is suitable for use with propane. Replacement hose should not exceed 2 m in length. Both ends should be secured with hose clips.

#### Safety controls

Adequate ventilation should always be provided for gas burning equipment but your Superglow is fitted with an atmosphere sensitive pilot which continuously monitors the room air. If the ventilation is poor the pilot flame will lift off causing the safety valve to shut off the gas flow to the burner. The pilot should burn with a steady blue flame. Never attempt to adjust or repair any of the controls. If the heater will not stay alight or if the controls do not operate smoothly, the heater must be serviced.

**Do not take risks with your own or anyone else's safety.**

Technical data								
Heater No.	Jet size	Operating pressure mbar	Heat input		Gas consumption		Min. room size m <sup>3</sup>	Vent area cm <sup>2</sup>
			kW	Btu/h	g/h	lb/h		
1200HL	45 & 65	37	3.66 max. 2.22 min.	12500 max. 7575 min.	260 max. 160 min.	0.58 max. 0.35 min.	37	91.5



## BULLFINCH SUPERGLOW HEATER No. 1200 HL

A portable radiant heater with atmosphere sensing and flame supervision protection for LP gas.  
Variable heat input from 2.22 kW to 3.66 kW.  
Propane only at 37 mbar.  
For use in GB

### OPERATING INSTRUCTIONS

NOT FOR DOMESTIC USE

Read instructions before use.

Use in a well ventilated area.

This appliance must only be used for space heating.

Do not use in basements or below ground level.

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Q.09112