

**INSTRUCTIONS FOR:**

**INSTALLATION**

**SERVICING**

**MAINTENANCE**

**S LINE GAS HEATERS:**

**CAT. I2H ( B11BS ) COUNTRY: GB**

**S Line 4**

**S Line 6**

**S Line 8**

**S Line 10**



**DRU VERWARMING B.V.**

**HOLLAND**

TECHNICAL CHARACTERISTICS : G20/20 mbar ( CAT. I2H )					
DESCRIPTION		TYPE			
		S Line 4	S Line 6	S Line 8	S Line 10
Nominal Heat input	Kw	6,1	8,0	9,0	11,0
Nominal heat output	Kw	4,5	6,5	7,6	9,4
Minimum heat input	Kw	2,4	2,4	2,4	3,0
Injector main burner	Ø mm	1,85	2,10	2,20	2,90
Minimum injector	Ø mm	1,30	1,30	1,30	1,30
Pilot injector	Ø mm	0,36	0,36	0,36	0,36
Burner pressure	mbar	19,5	19,4	19,3	10,5
Flue Duct	Ø mm.	80	80	100	100
Consumption	m <sup>3</sup> /h	0,640	0,850	0,950	1,160

## Installation Instructions

### Introduction

This appliance must only be installed by a competent person, in accordance with the local safety codes BS 5871 and BS 5440. Parts 1 & 2

### Positioning of the appliance ( Fig.1 )

Place the heater in a position so that air may circulate around it and naturally convect. The heater should be positioned at a minimum distance of 20 cm from the wall.

The room where the heater is installed should be well ventilated. Remember that the necessary air for the combustion must be 2m<sup>3</sup>/h per kW of the nominal input.

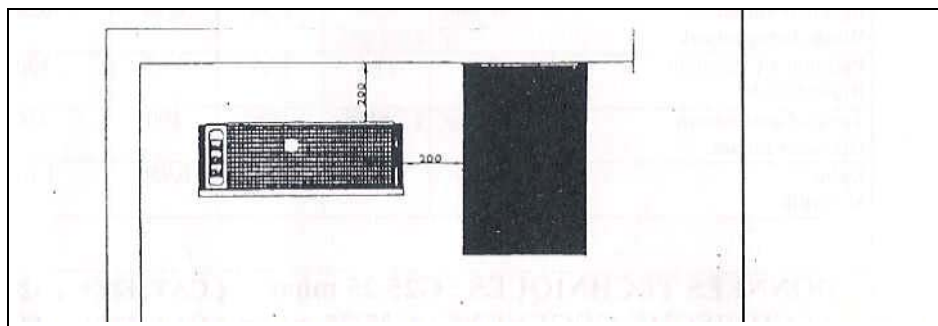
S 4 : 12 m<sup>3</sup>/h

S 6 : 16 m<sup>3</sup>/h

S 8 : 18 m<sup>3</sup>/h

S 10 : 22 m<sup>3</sup>/h

The minimum section for the air flow should be 200 cm<sup>2</sup>



**Fig. 1**

**Essential:**

The floor and adjacent walls should be able to withstand a temperature of at least 80° C. For this purpose we recommend the use of heat resistant building materials in all installations.

**Chimney Connection**

**Heaters to be installed into an existing chimney :**

Before connecting the appliance, please verify that the chimney has sufficient draft.

Connect the heater to the chimney by means of either a flexible flue liner, having same diameter as that specified in the technical table.

Verify that a perfect seal of the joints is made.

The duct connecting the heater to the chimney should be placed with a rising inclination of between 3 to 5%.

In all cases the connection must be made in accordance with national building standards.

**Connection to the gas pipe**

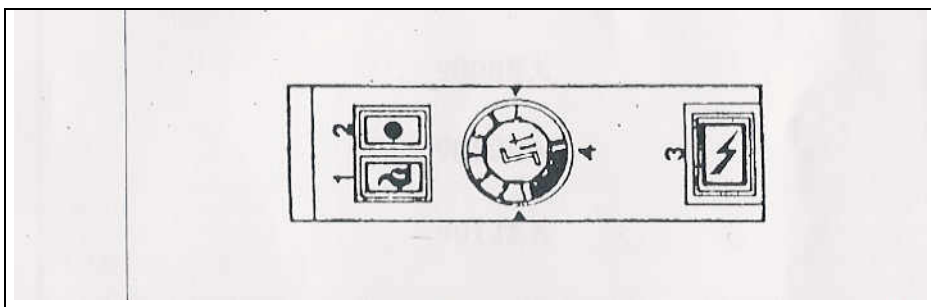
Prior to installation make sure that the conditions of the local gas supply are compatible with the requirement of the heater.

This appliance is adjusted in the factory to operate with natural gas G20 – 20 mbar, Cat. I2H and must only be installed by a competent person in accordance with national Gas Safety Regulations. All gas appliances must only be installed and commissioned by CORGI registered engineers.

**INSTRUCTIONS FOR THE USER**

**How to light the heater ( Fig. 2 )**

- Open the gas valve
- Turn the operating knob 4 to the “O” position and press the knob 1 as far it will go. At the same time press the automatic ignition knob 3 several times until the pilot flame has completely lit. Hold knob 1 pushed in for 20 to 30 seconds and then let it go.
- If the pilot burner is not alight, repeat the above mentioned procedure.
- Turn the operating knob 4 to the position of the desired temperature.



**Fig. 2**

**How to turn the heater off**

Turn the operating knob 4 to the “O” position. The pilot burner remains alight. If you wish to turn off the heater completely press down the knob 2 until the pilot burner is extinguished and then close the main gas valve.

## **Warning**

If the pilot is extinguished no attempt should be made to relight the pilot for at least 5 minutes.

## **Maintenance**

Any maintenance operation must only be undertaken on a cool heater. You may clean the heater using a dry cloth. We recommend that the heater should be serviced at least once a year by CORGI registered engineer.

## **Products of Combustion Safety Cut off Device**

This appliance is equipped with a "safety cut off device", which offers a further safeguard against the leakage of dangerous products of combustion into an area. This device immediately interrupts the flow of gas to the main burner. The device is activated when lighting the heater.

## **Important Note**

All surfaces of the heater are considered active working zones (with temperatures higher than 100°C) therefore it is recommended that you use internal guards at all times in order to protect children, the elderly and infirm from coming into contact with the appliance.

Never interfere with the units integral safety cut off device but should the need arise to replace this only ever use genuine parts.