bellfires gas fires

"PREMIUM FIRE"

SUPPLEMENT
INSTALLATION INSTRUCTIONS & MAINTENANCE MANUAL

DERBY LARGE 3 PF
DERBY SMALL 3 PF
TOPSHAM LARGE 3 PF
YORK LARGE 3 PF
YORK SMALL 3 PF
VIEW BELL DERBY 3 PF
VIEW BELL SMALL 3 PF
VIEW BELL TOPSHAM 3 PF
VIEW BELL YORK 3 PF
CORNER BELL DERBY 3 L/R PF
CORNER BELL SMALL 3 L/R PF
CORNER BELL TOPSHAM 3 L/R PF
CORNER BELL YORK 3 L/R PF

Gas fireplace with a closed combustion system

Bellfires wishes you many cosy evenings with your new Bellfires gas fire

This document is an essential part of your gas fire. Read it carefully before installation and use of the gas fire and keep it in a safe place!

CE UKCA

Serial number:

Production date:

BELLFIRES GAS FIREPLACE WITH CLOSED COMBUSTION SYSTEM:

Derby Large 3 PF	(Premium Fire)	(DYL3 PF)
Derby Small 3 PF	(Premium Fire)	(DYS3 PF)
Topsham Large 3 PF	(Premium Fire)	(TSL3 PF)
York Large 3 PF	(Premium Fire)	(YKL3 PF)
York Small 3 PF	(Premium Fire)	(YKS3 PF)
View Bell Derby 3 PF	(Premium Fire)	(VWBDY3 PF)
View Bell Small 3 PF	(Premium Fire)	(VWBS3 PF)
View Bell Topsham 3 PF	(Premium Fire)	(VWBTS3 PF)
View Bell York 3 PF	(Premium Fire)	(VWBYK3 PF)
Corner Bell Derby 3 L/R PF	(Premium Fire)	(CBDY3 L/R PF)
Corner Bell Small 3 L/R PF	(Premium Fire)	(CBS3 L/R PF)
Corner Bell Topsham 3 L/R PF	(Premium Fire)	(CBTS3 L/R PF)
Corner Bell York 3 L/R PF	(Premium Fire)	(CBYK3 L/R PF)

IMPORTANT !

For the installation of your appliance, use both installation instructions supplied:

1. The **(basic) installation instruction**, with one of the following titles:
   - DERBY LARGE 3 CF/LF
   - DERBY SMALL 3 CF/LF
   - TOPSHAM LARGE 3 CF/LF
   - YORK LARGE 3 CF/LF
   - YORK SMALL 3 CF/LF
   - VIEW BELL DERBY 3 CF/LF
   - VIEW BELL SMALL 3 CF/LF
   - VIEW BELL TOPSHAM 3 CF/LF
   - VIEW BELL YORK 3 CF/LF
   - CORNER BELL DERBY 3 L/R CF/LF
   - CORNER BELL SMALL 3 L/R CF/LF
   - CORNER BELL TOPSHAM 3 L/R CF/LF
   - CORNER BELL YORK 3 L/R CF/LF

2. The **“Premium Fire” installation instruction**, which supplements the above installation instructions. This installation instruction has been supplied because the appliance has been fitted with a “Premium Fire” double burner.

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IMPORTANT

The installation must only be carried out by a "Gas Safe Register" registered installation engineer.

SUPPLEMENT TO CHAPTER 1: INSTALLATION INSTRUCTIONS

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Figure 23A: Module (Light)

The appliance is fitted with a 230V AC connection and may only be connected to an earthed socket. The appliance has ambient lighting.

Electrical connections and batteries:

Appliance	**Module (light)**	230V AC	
	Receiver Remote control	6V DC (via the 5-pole cable of the Module (Light))	**Important: Do not place batteries in the receiver!**
Hand transmitter Remote control		1x 9V Block battery	

Upon delivery of the appliance, the electrical connections of the gas regulator block and the receiver are already assembled.

The Module(Light) is separately delivered with the appliance. This component is to be electrically connected during the installation according to the following Figure 23B and 23C.

Attach the earth cable ⏚ (yellow/green) to a metal part on the inside of the operating unit, with the help of the existing screw.

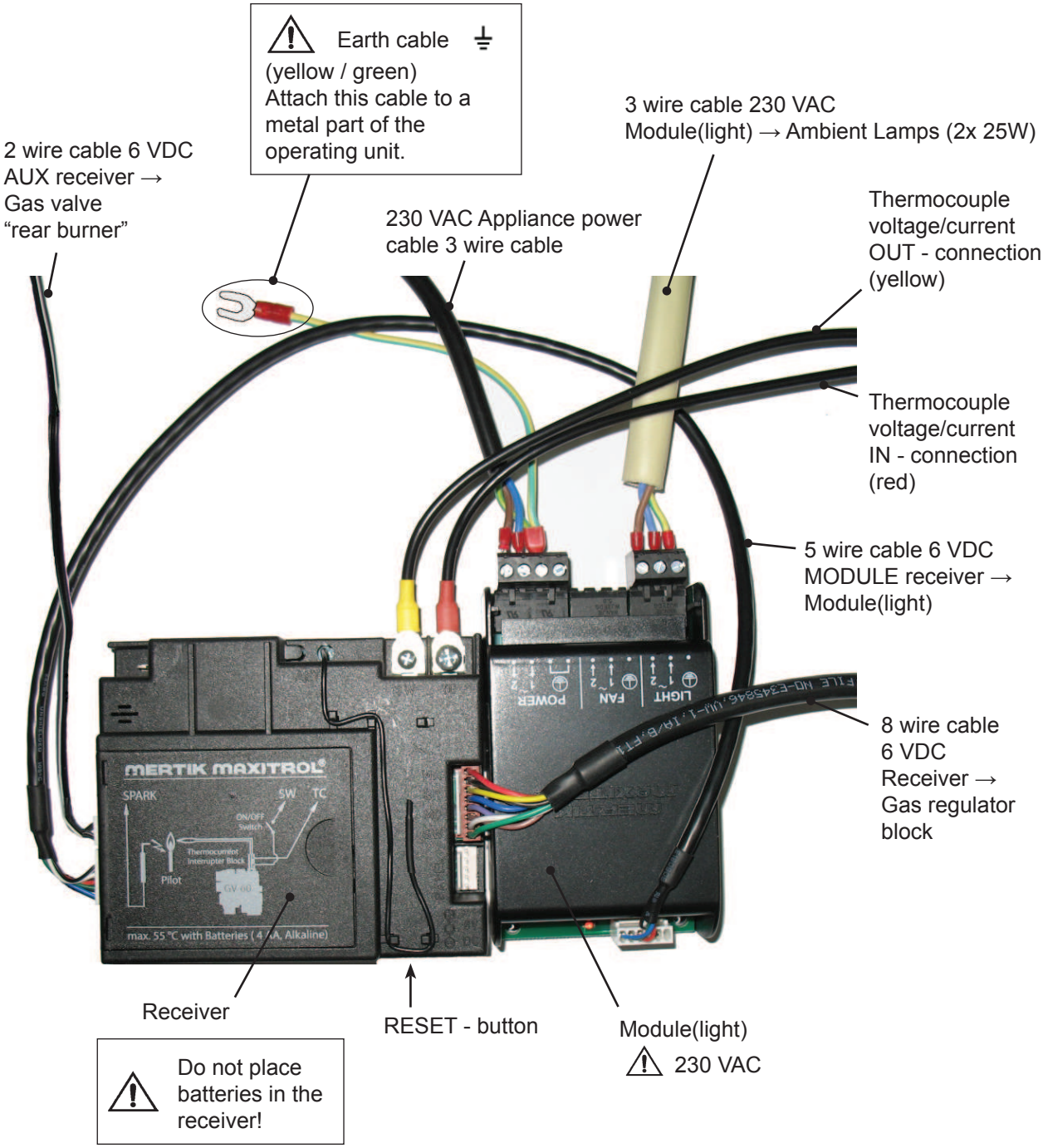

Figure 23B: Electrical connections Receiver and Module(Light)

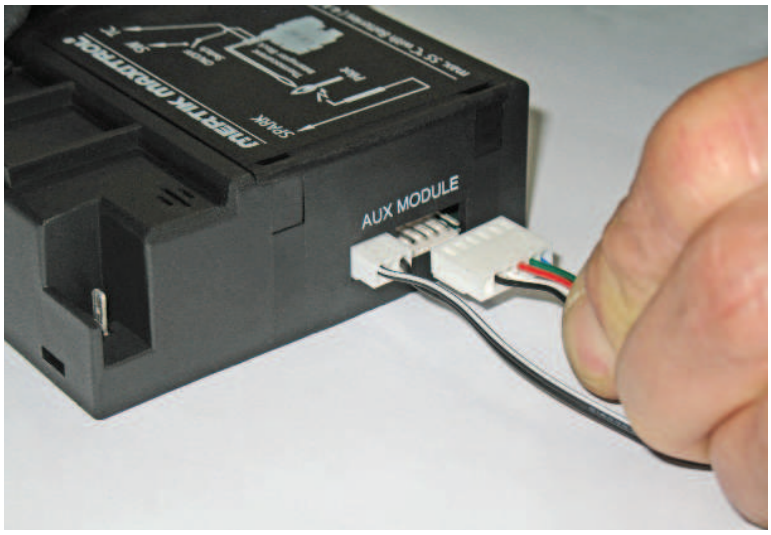

Figure 23C: Connecting 5 wire cable 6VDC on MODULE connection of the receiver

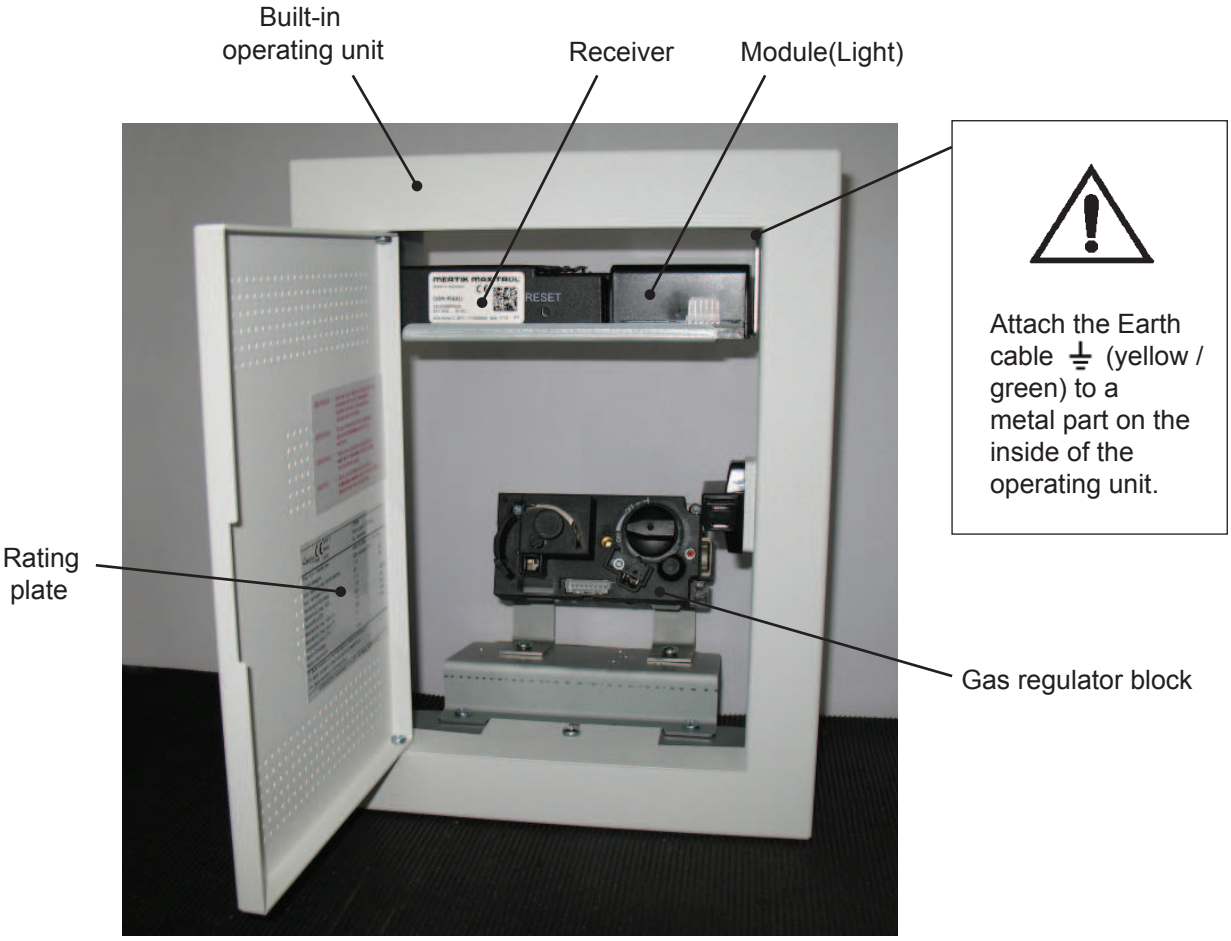

Figure 23D: Built-in operating unit
Position Receiver, Module(Light) and Gas regulator block
(Components are in the picture not yet electrically connected!)

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1.7.6 Placing the ceramic log set, ‘fire glass’, embers and decorative ash. For appliance fitted with the "Premium Fire" (PF) double burner:

The construction of the ceramic log set, "fire glass", embers and decorative ash for an appliance with a "Premium Fire (PF) **NATURAL GAS** double burner is the same as for a Premium Fire (PF) **PROPANE/BUTANE** double burner.

The appliance is supplied with

- Ceramic log set ; See Log Nos. 14 to 25 below.
- "Fire glass Black"
- "Fire glass Dark Amber"
- Embers
- Decorative ash

- Ceramic log set; Logs **nos. 14 to 25**
- Embers; **E**
- Decorative ash; **A**

- "Fire glass Black

- "Fire glass Dark Amber"

- Embers; **E**

- Decorative ash; **A**

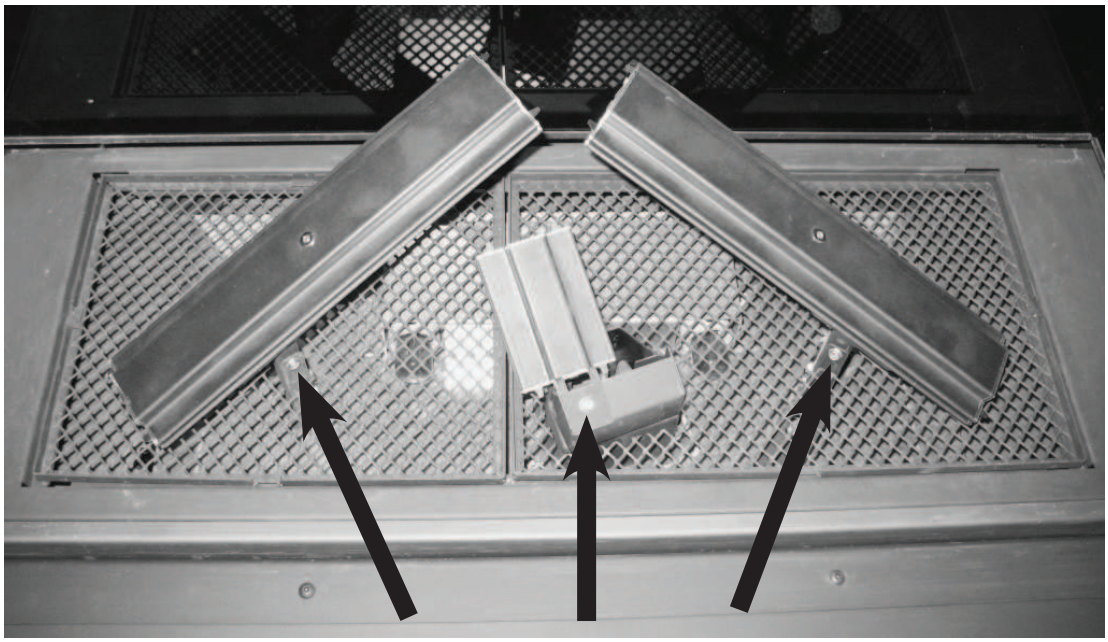
Important :

- **Place the log set, ‘fire glass’, embers and decorative ash, carefully on and around the main burners, as indicated by the specifications mentioned in this chapter.**
- **Do not place "fire glass", embers or decorative ash on or against the pilot light burner.**
- **To prevent this, the pilot light is fitted with a pilot light cap. Never remove this cap!**
- **Ensure that the pilot light is always able to burn freely over the main burner.**
  Proper ignition of the main burner will only be guaranteed if this is the case. Not adhering to these stipulations can give rise to dangerous situations.
- **Ensure that the pilot light is always easily visible.**
- **The burner bed (with '"fire glass", embers and decorative ash) and the logs construction may not be changed.**
- **Only use materials supplied! This has been approved and the quantity is defined per appliance.**
- **Replacement parts are available through your dealer.**
- **Placement may only be carried out by an authorised person.**

Remove the glass from the appliance, in accordance with the specifications in Chapter 4; DISASSEMBLY / ASSEMBLY OF THE GLASS.
See (basic) installation instructions.

1.7.6.1 Ceramic log set + 'fire glass' + embers + decorative ash

1 IMPORTANT: Check the presence of the three burner fixing bolts.
See photo.

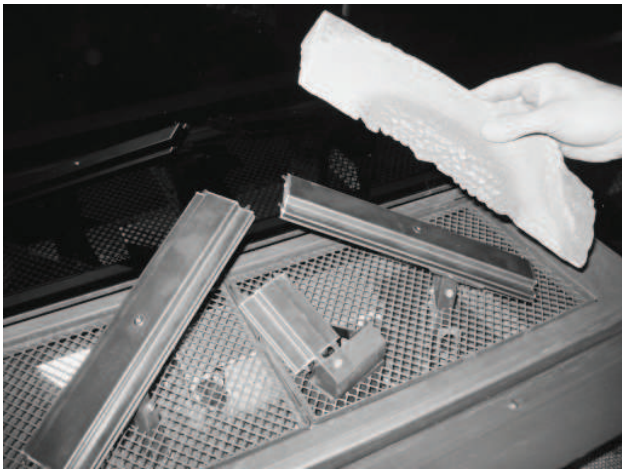


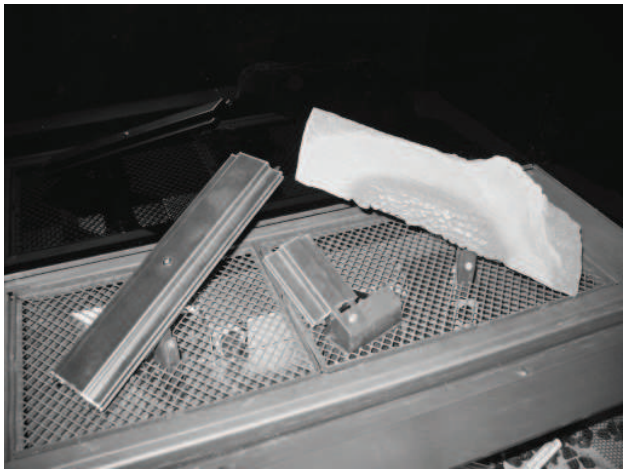
Check the operation of the ambient lighting/dimmer with the remote control.
See operating instructions; **Operation light / dimmer**

If necessary repair the ambient lighting.

See Chapter 4A: DISASSEMBLY AND ASSEMBLY OF THE BURNERS AND MESH GRATES - REPLACING THE AMBIENT LIGHTING.
Only use original ambient lights.

2 Place burner log **No. 16** carefully on the burner - right.

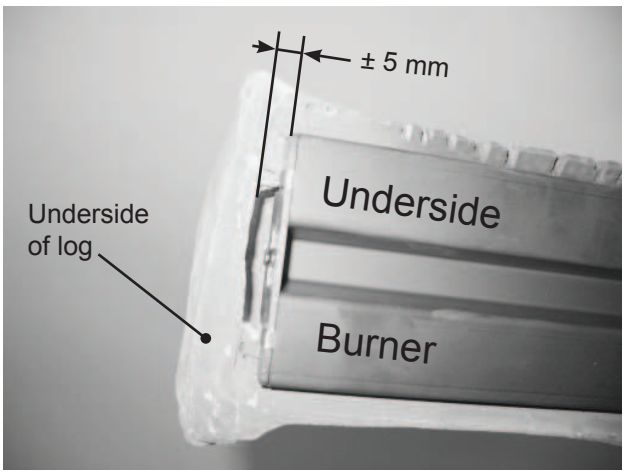


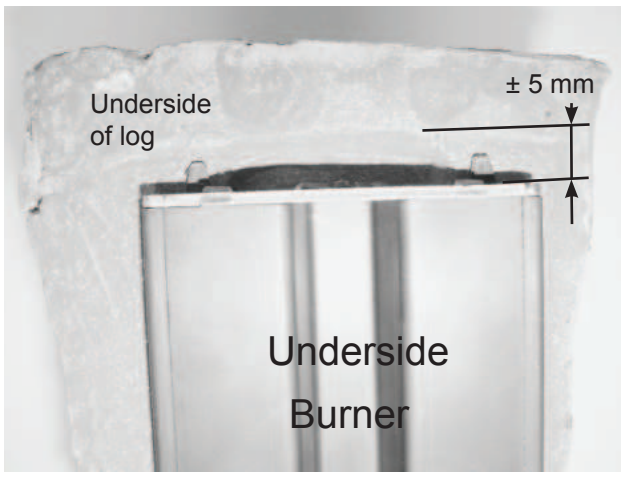


Check first if the "Arrow", on the underside of the log, is pointing up.

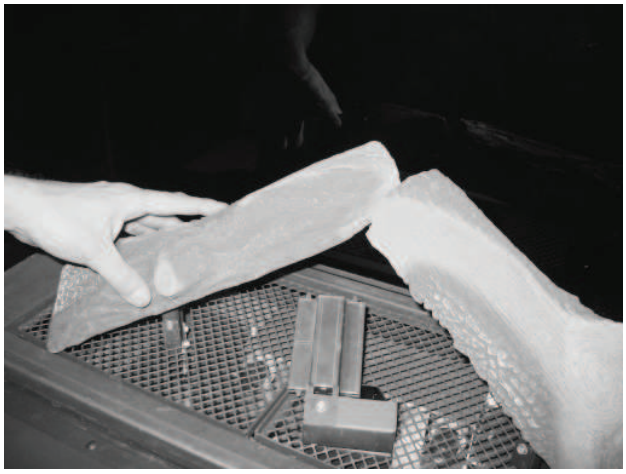
Burner log No. 16 =
Art. no. 340021 (legible on the underside of the log)

Check that the underside of the log has free space on both end faces of ± 5 mm with respect to the metal burner.

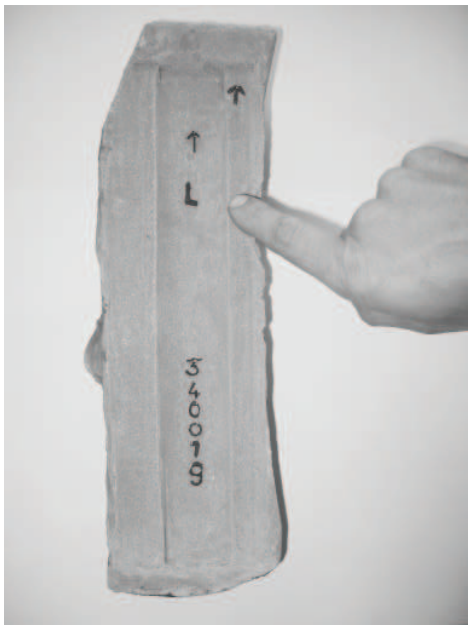




3 Place burner log **No. 14** carefully on the burner - left.

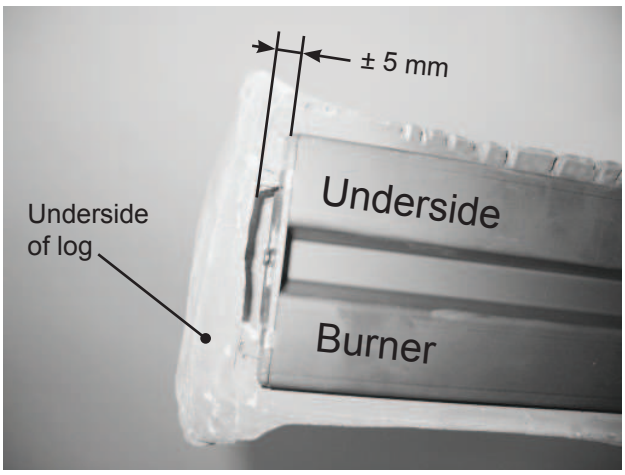


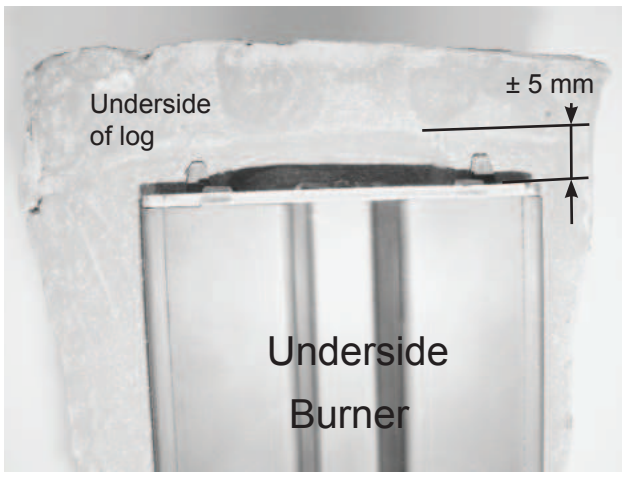
Check first if the "Arrow", on the underside of the log, is pointing up.



Burner log No. 14
Art. no. 340019 (legible on the underside of the log)

Check that the underside of the log has free space on both end faces of ± 5 mm with respect to the metal burner.

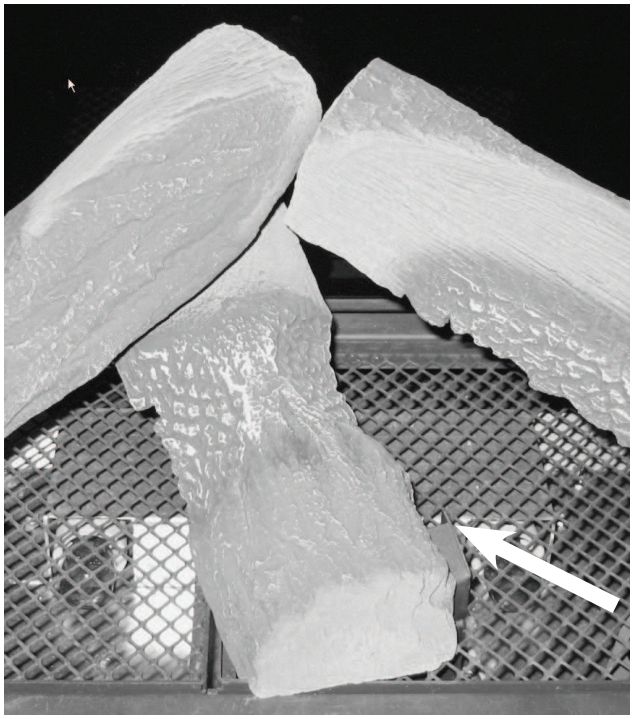




4 Place burner log **No. 15** carefully on the burner - middle (with the pilot light).

Burner log No. 15 = Art. no. 340020 (legible on the underside of the log)

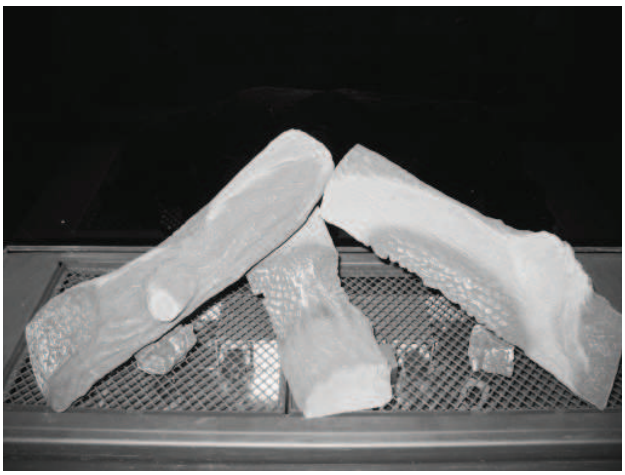
Check that the pilot light remains visible.

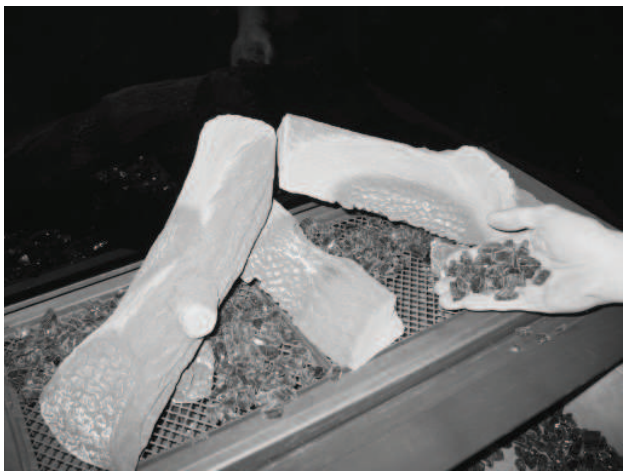


5 Place the charcoal part **No. 23** (= 1x Art. no. 340028) under the Right burner, around the venturi.

6 Place the charcoal part **No. 24** (= 1x Art. no. 340029) under the Left burner, around the venturi.

7 Sprinkle the ‘Fire glass Dark Amber’ evenly on the mesh grate, around the burners.
Note: Put no "fire glass" on or against the pilot light burner!
Note: Put no ‘fire glass’ under burner logs **No. 14**, **15** and **16**, where these are supported by the mesh grate.



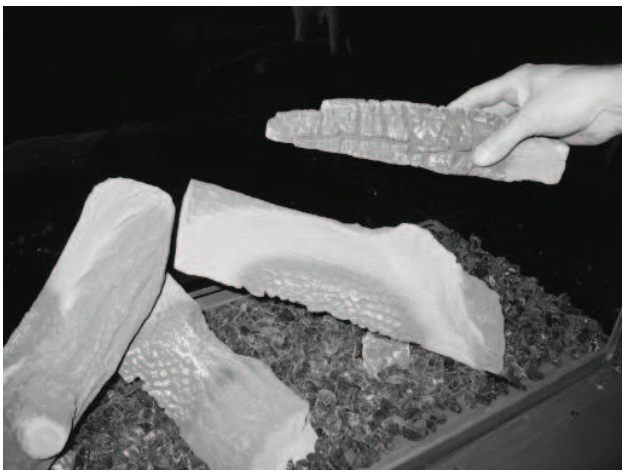


Note!
Do not sprinkle "Fire glass Black" on the mesh grate, around the burners.
‘Fire glass Black’ blocks the light too much.

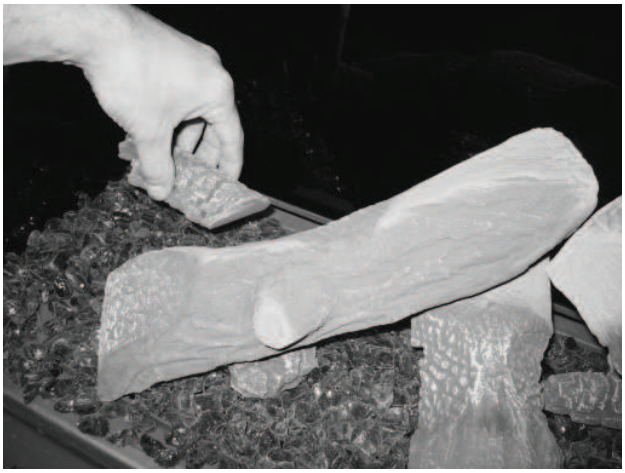
8 Sprinkle the ‘Fire glass Black’ evenly on the grate, left and right of the mesh grate.

9 Set the light intensity of the ambient lighting/dimmer to max. on the remote control. See operating instructions; **Operation light / dimmer**
Check that the "fire glass" is distributed evenly and that the light intensity is the same everywhere. Adjust the distribution of the "fire glass" if necessary.

10 Place log **No. 18** (= 1x Art. no. 340023).

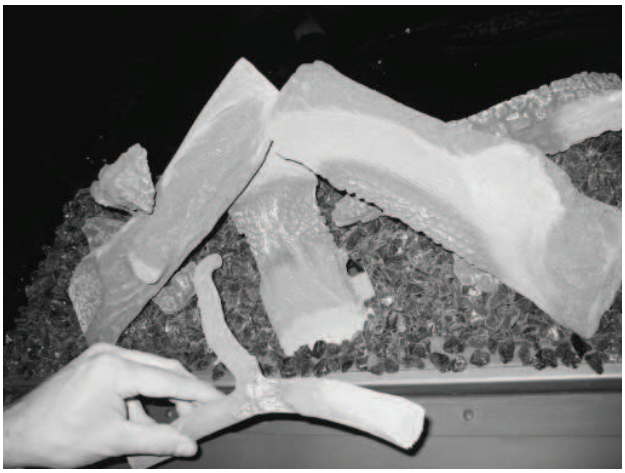


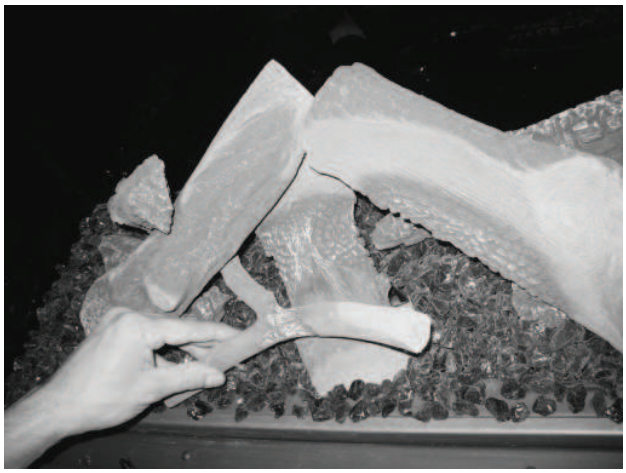
11 Place charcoal part **No. 21** (= 1x Art. no. 340026).



12 Place log **No. 17** (= 1x Art. no. 340022).

13 Place branch **No. 19** (= 1x Art. no. 340024).

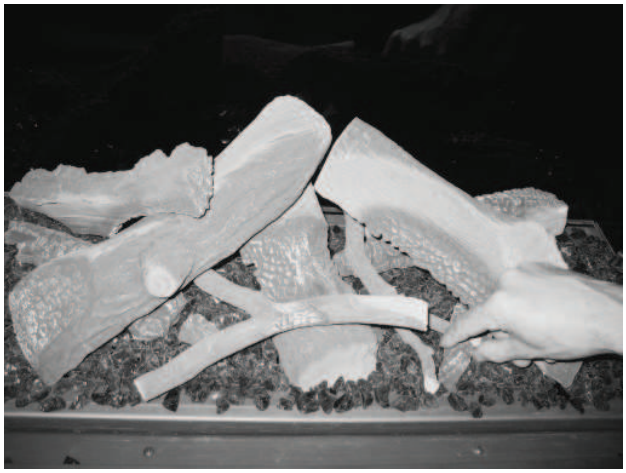




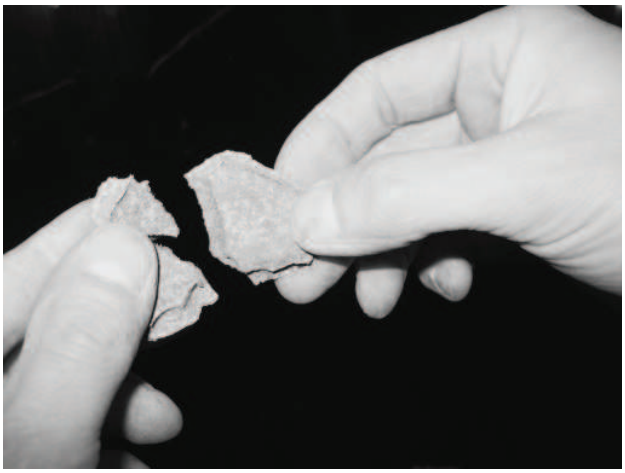
14 Place branch **No. 20** (= 1x Art. no. 340025).

15 Place charcoal part **No. 22** (= 1x Art. no. 340027).

16 Place 3x charcoal parts **No. 25** (= 3x Art. no. 340030).

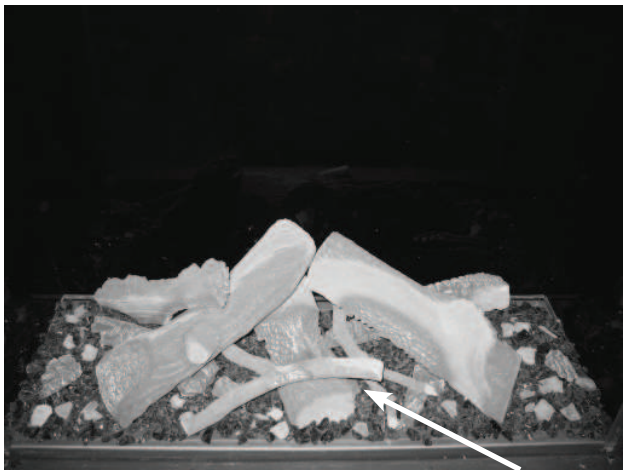


17 Break the embers supplied in half and distribute the parts along the side on the grate (around the mesh grate).
Note: Do not place any embers on the mesh grate. Embers will block the light!
Note: Put no embers on or against the pilot light burner!

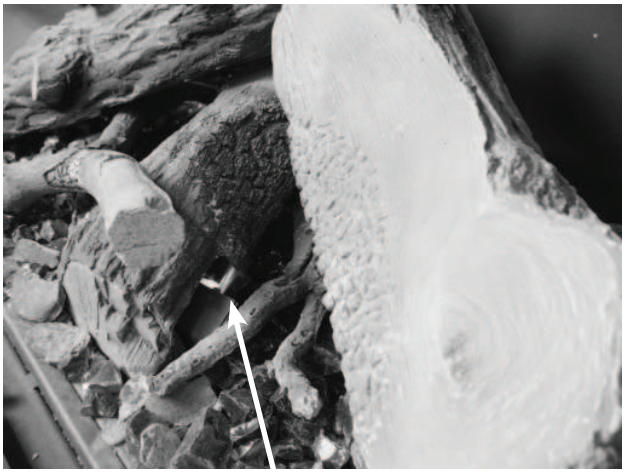


18 Decorative ash: Carefully distribute a small amount of decorative ash over the entire bottom.

19 Check that the pilot light burner is easily visible from the right hand side of the log set.



Pilot light position



Pilot light

Pilot light

20 The ceramic log set construction, "fire glass", embers and decorative ash is completed.

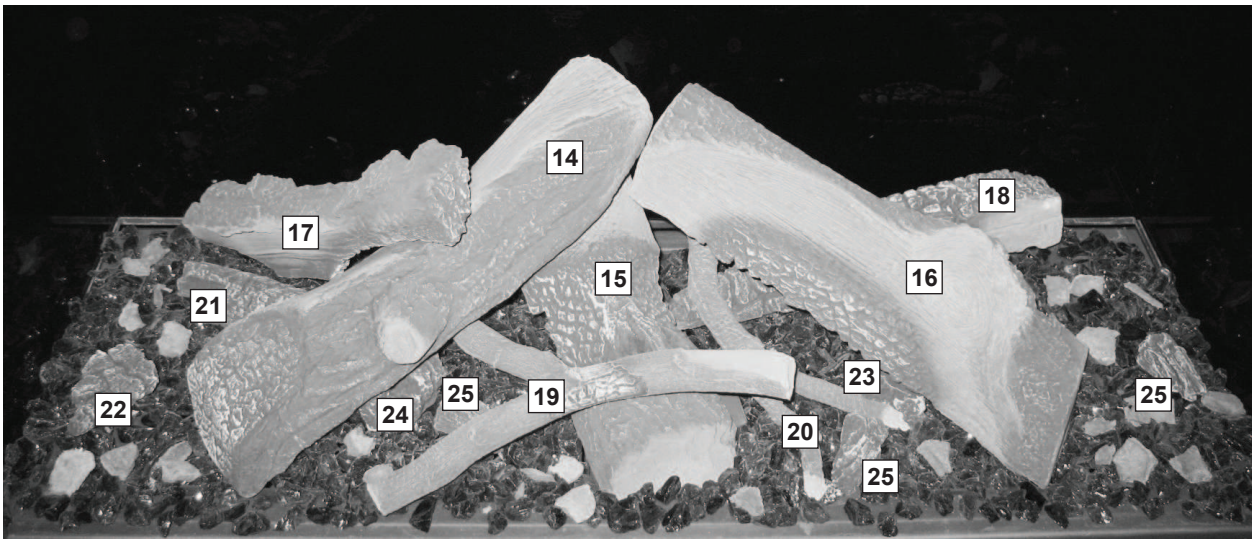


Figure 24: Log set
Set-up of Natural gas and propane/butane burner - "Premium Fire"

IMPORTANT:

- Do not put any "fire glass" or embers in front of the pilot light burner
- Do not sprinkle decorative ash on the pilot light burner
- Keep the burner orifices free
- Check that the pilot light burns properly
- The pilot light must be able to burn freely over the burner

Proper ignition of the main burner will only be guaranteed if this is the case!

When the ceramic logs, "fire glass" and embers have been placed, the glass can be assembled on the appliance once more in accordance with the specifications in Chapter 4: DISASSEMBLY / ASSEMBLY OF THE GLASS

SUPPLEMENT TO CHAPTER 4: DISASSEMBLY / ASSEMBLY OF THE GLASS.

4A DISASSEMBLY AND ASSEMBLY OF THE BURNERS AND MESH GRATES
REPLACING THE AMBIENT LIGHTS

Carefully remove the log set, burners and mesh grates in the following order:

1. Complete log set 'Premium Fire'

2. Burner log No. 16

3. Log No. 17

4. Burner log No. 14

5. Branch No. 19

6. Burner log No. 15

7. Branch No. 20

8. Log No. 18

9. Log No. 21

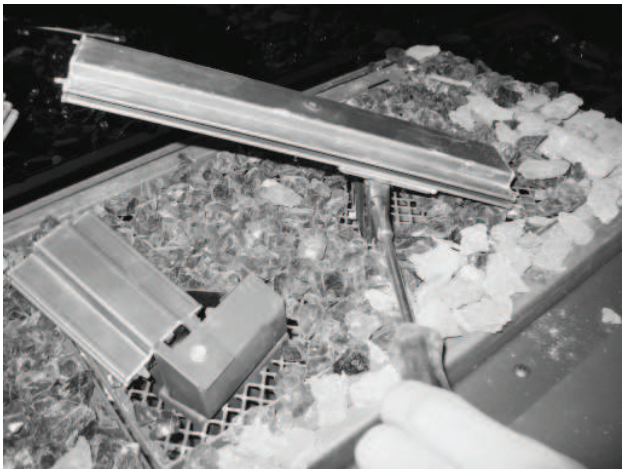
10. Charcoal part No. 24

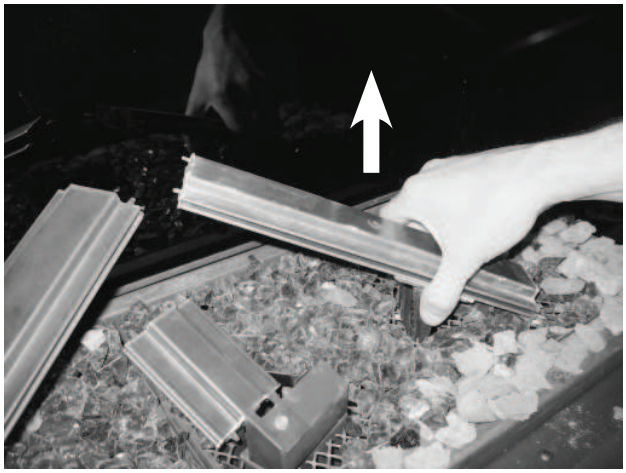
11. Charcoal part No. 23

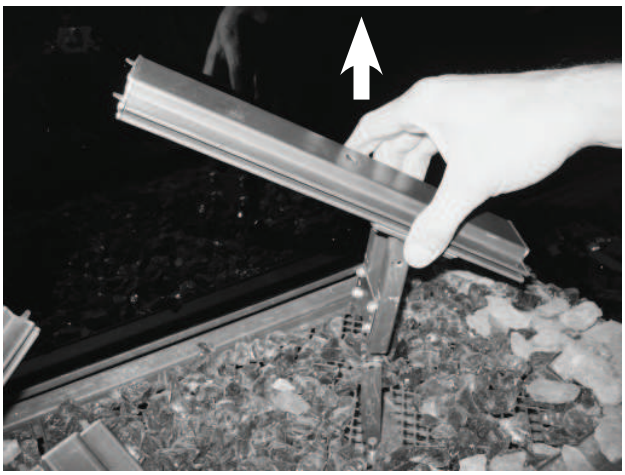
12. Charcoal part No. 25 (3x)

The three burners are all fixed with just one hexagonal bolt.
When unscrewing the burner fixing bolts, use socket spanner no. 7.

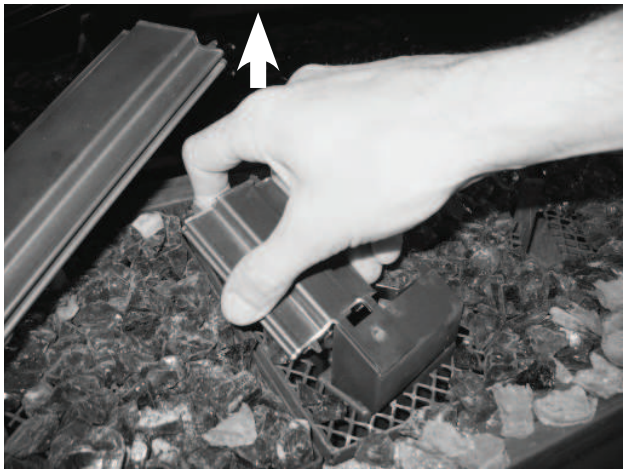
13. Disassemble and remove the burner - right.

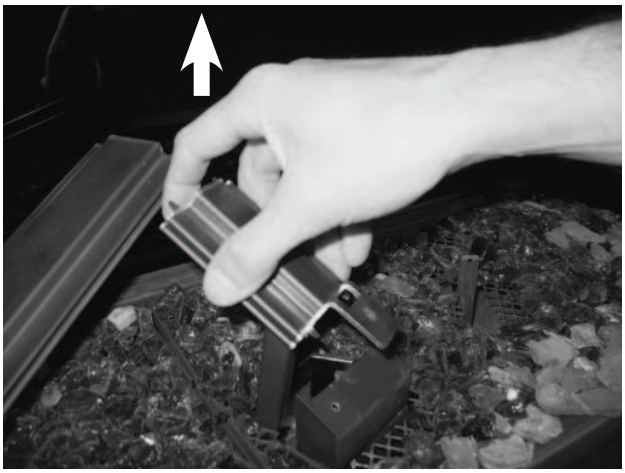




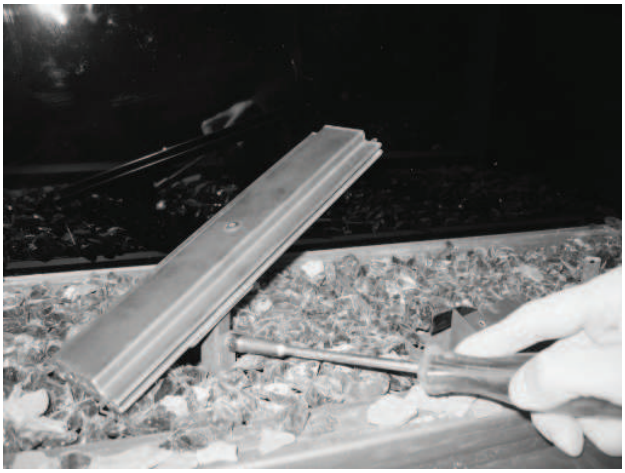


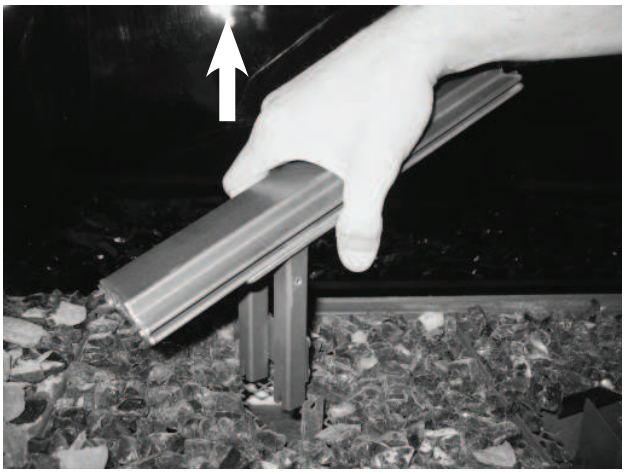
14. Disassemble and remove the burner - middle.





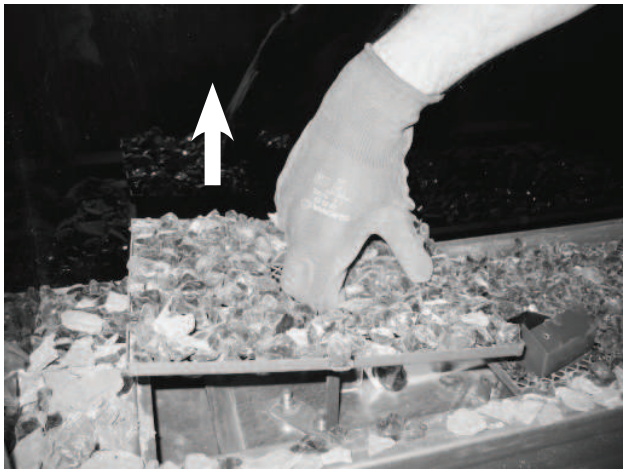
15. Disassemble and remove the burner - left.



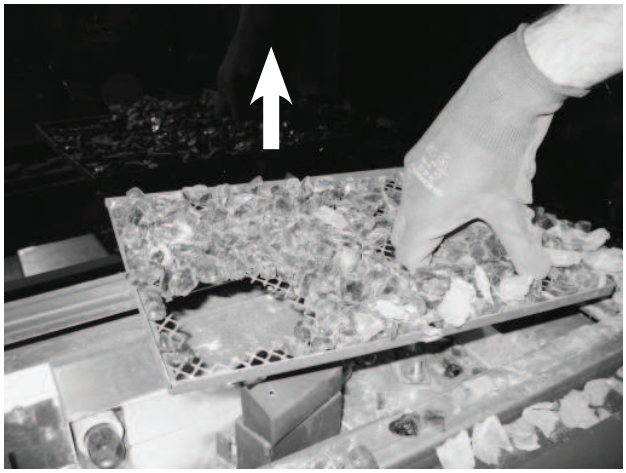


Use working gloves when removing the mesh grates.

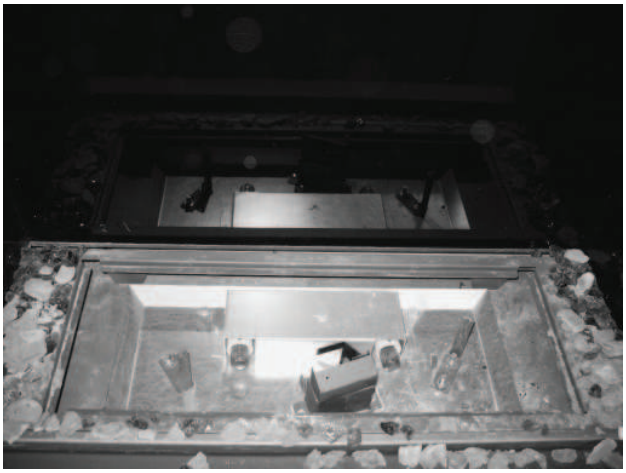
16. Carefully remove the mesh grate - left.

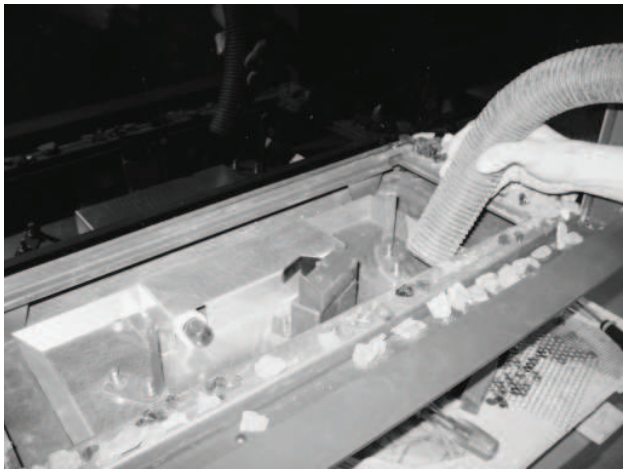


17. Carefully remove the mesh grate - right.



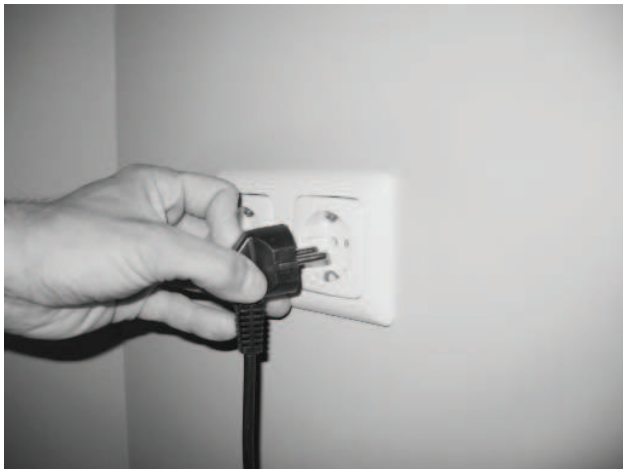
18. Clean the light compartment and gas injectors with a vacuum cleaner.



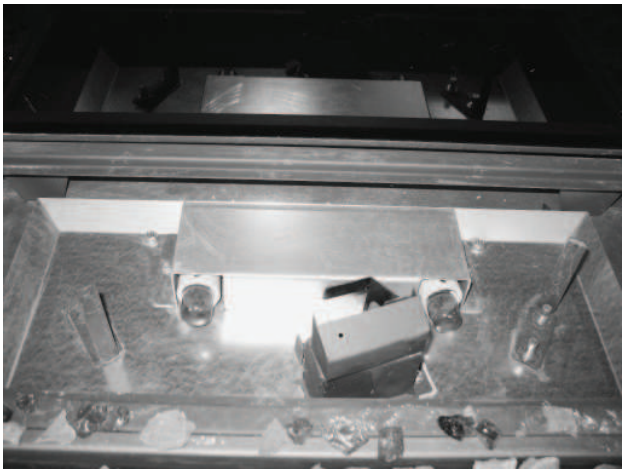


Replacing the ambient lights.
Only use original Bellfires ambient lamps: Art. no. 333748:
Ambient lamp; 230-240V - 25W - E14 - 300˚C. - Colour: Amber

19. Remove the plug of the appliance from the socket.



20. Carefully unscrew the defective lamp from the fitting.



21. Carefully screw the new lamp into the fitting.

Screw the ambient lamps fully into the fitting!

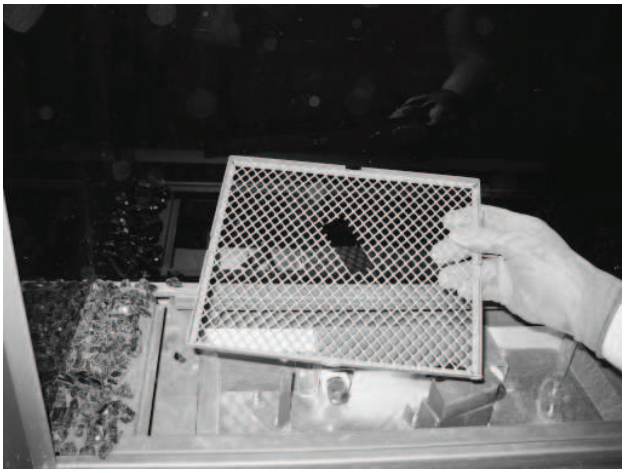
22. Replace the plug of the appliance into the socket.

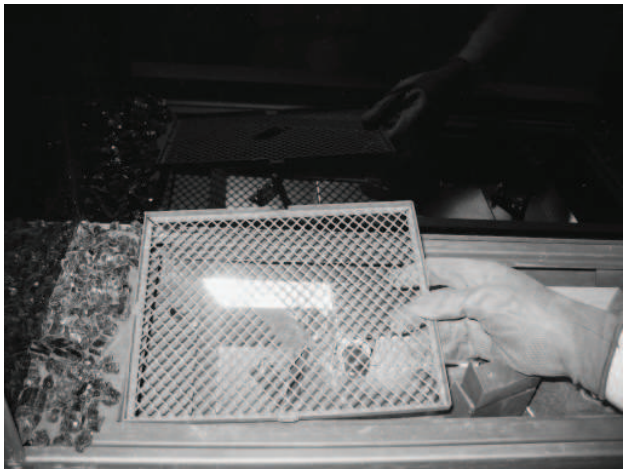
23. Check the operation of the ambient lighting/dimmer with the remote control.
See operating instructions; **Operation light / dimmer**

Carefully place the mesh grates, burners and log set in the following order:

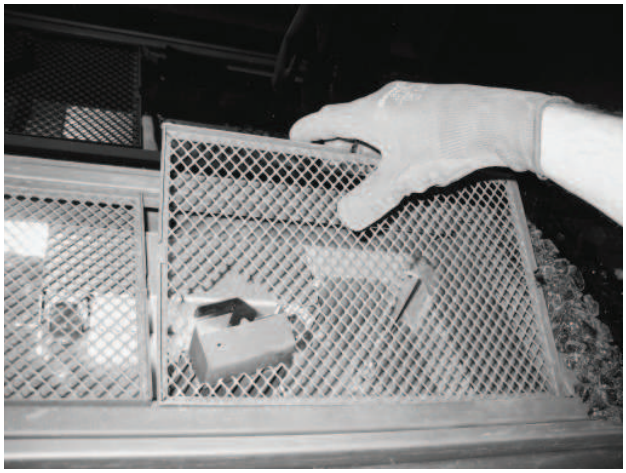
Use working gloves when placing the mesh grates.

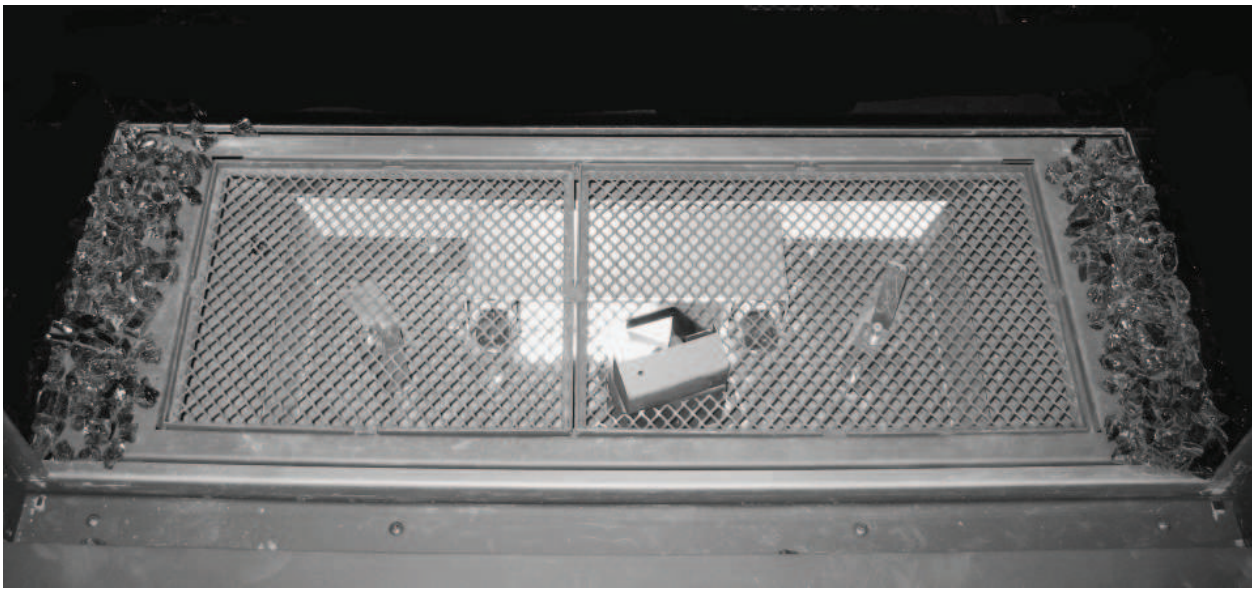
24. Carefully place the mesh grate - left.





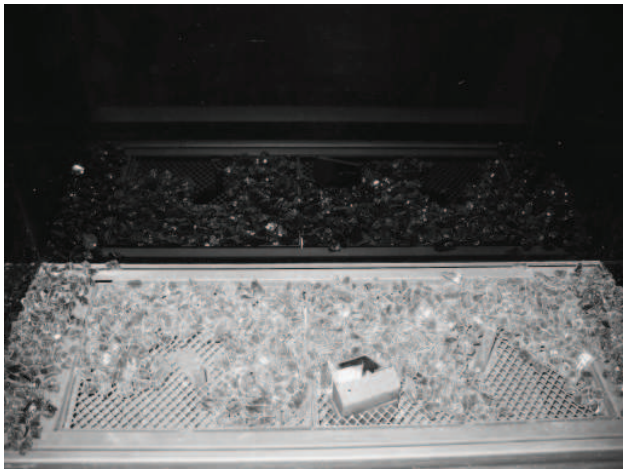
25. Carefully place the mesh grate - right.





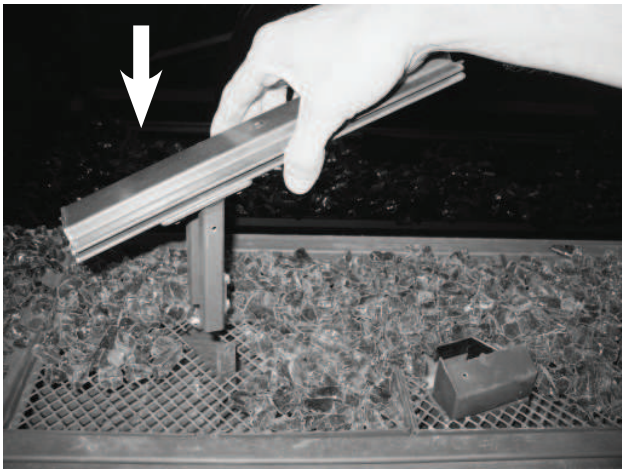
26. Sprinkle the "Fire glass Dark Amber" on the rear of the mesh grates.

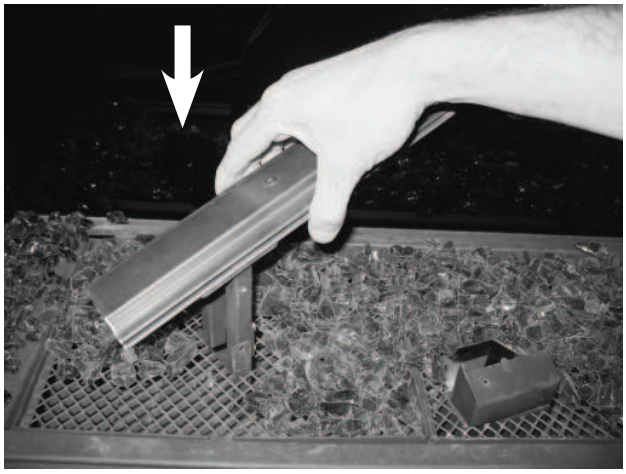
Do not let any "fire glass" fall in the grate apertures.



Fix each burner with the hexagon bolt supplied.
Use socket spanner no. 7 to do this.
Not mounting these fixing bolts can give rise to a dangerous situation. Prevent this at all costs!

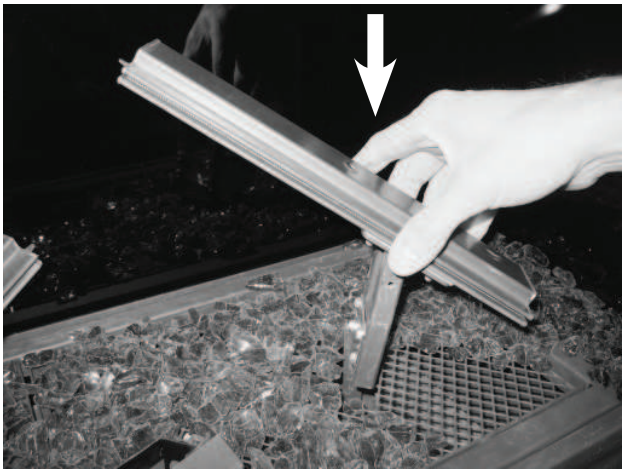
27. Place and assemble the burner - left.
Press the burner down firmly, and mount the fixing bolt.

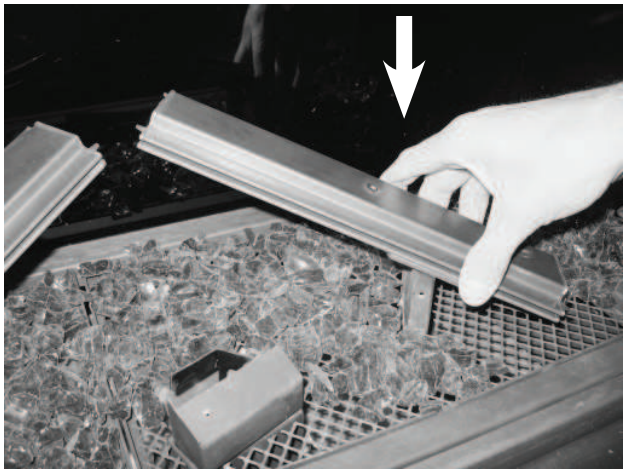




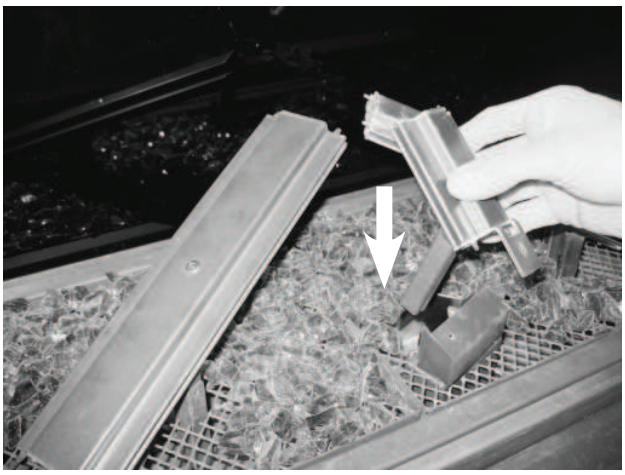
Make sure that no “fire glass” parts are under the lowest point of the burner!
The lowest point of the burner must be able to float above the mesh grate.

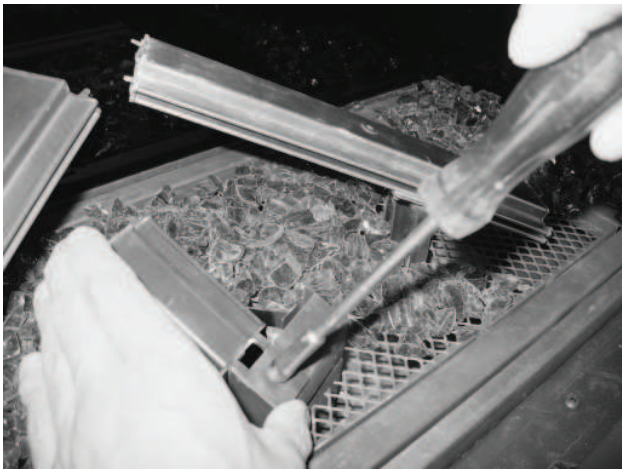
28. Place and assemble the burner - right.
Press the burner down firmly, and mount the fixing bolt.





29. Place and assemble the burner - middle.
Press the burner down firmly, and mount the fixing bolt.





30. Place the Ceramic log set, ‘fire glass’, embers and decorative ash,
as indicated in chapter 1.7.6.1

SUPPLEMENT CH. 7: TECHNICAL DETAILS AND REGULATIONS

National installation regulations:
- **Gas safety installation and use regulations 1998 plus all relevant safety and building regulations concerning fire installation**
- **Document J: Combustion appliances and fuel storage systems**

Model	**: DERBY LARGE 3 PF**	**(PREMIUM FIRE)**
	DERBY SMALL 3 PF	**(PREMIUM FIRE)**
	TOPSHAM LARGE 3 PF	**(PREMIUM FIRE)**
	YORK LARGE 3 PF	**(PREMIUM FIRE)**
	YORK SMALL 3 PF	**(PREMIUM FIRE)**
	VIEW BELL DERBY 3 PF	**(PREMIUM FIRE)**
	VIEW BELL SMALL 3 PF	**(PREMIUM FIRE)**
	VIEW BELL TOPSHAM 3 PF	**(PREMIUM FIRE)**
	VIEW BELL YORK 3 PF	**(PREMIUM FIRE)**
	CORNER BELL DERBY 3 L/R PF	**(PREMIUM FIRE)**
	CORNER BELL SMALL 3 L/R PF	**(PREMIUM FIRE)**
	CORNER BELL TOPSHAM 3 L/R PF	**(PREMIUM FIRE)**
	CORNER BELL YORK 3 L/R PF	**(PREMIUM FIRE)**

Gas	**: NATURAL GAS**	**: BUTANE / PROPANE**
Country	: **GB; Great Britain/IE; Ireland**	: **GB; Great Britain/IE; Ireland**
Product identification no. Appliance type acc. to CE standard Appliance category	: 0063CM3684 : C_{11} / C_{31} / C_{91} : I_{2H} natural gas G20	: 0063CM3684 : C_{11} / C_{31} / C_{91} : $I_{3B/P}$ butane/propane G30/G31
Nominal heat input (Gross calorific value)	: 12.1 kW	: Butane (G30) : 11.2 kW Propane (G31) : 9.6 kW
Nominal heat output Efficiency class NOx class	: 9.3 kW : 1 (85%) : 5	: 7.4 - 8.6 kW : 1 (85%) : 5
Gas rate (max.)	: 1.15 m^3_s/hr.	: Butane (G30) : 850 gr/hr. Propane (G31) : 720 gr/hr.
Supply pressure	: 20.0 mbar	: Butane (G30) : 37.0 mbar Propane (G31) : 37.0 mbar
Burner pressure (max.) Hot	: 14.1 mbar(*)	: 29.0 mbar(*)
Burner pressure (max.) Cold	: 13.4 mbar(**)	: 29.0 mbar(**)
Burner pressure (min.)	: 4.0 mbar(***)	: 7.0 mbar(***)
Primary air inlet burner L Left-Rear and Left-Front	: LR: Ø6.0 mm LF: Ø3.5 mm	: LR: Ø14 x 8 mm LF: Ø14 x 8 mm
Primary air inlet burner M Middle-Front	: MF: Ø6.0 mm	: MF: Ø15 x 8 mm + 2x Ø3.5 mm
Primary air inlet burner R Right-Rear and Right-Front	: RR: Ø6.0 mm RF: Ø3.5 mm	: RR: Ø14 x 8 mm RF: Ø14 x 8 mm

Model	**: DERBY LARGE 3 PF**	**(PREMIUM FIRE)**
	DERBY SMALL 3 PF	**(PREMIUM FIRE)**
	TOPSHAM LARGE 3 PF	**(PREMIUM FIRE)**
	YORK LARGE 3 PF	**(PREMIUM FIRE)**
	YORK SMALL 3 PF	**(PREMIUM FIRE)**
	VIEW BELL DERBY 3 PF	**(PREMIUM FIRE)**
	VIEW BELL SMALL 3 PF	**(PREMIUM FIRE)**
	VIEW BELL TOPSHAM 3 PF	**(PREMIUM FIRE)**
	VIEW BELL YORK 3 PF	**(PREMIUM FIRE)**
	CORNER BELL DERBY 3 L/R PF	**(PREMIUM FIRE)**
	CORNER BELL SMALL 3 L/R PF	**(PREMIUM FIRE)**
	CORNER BELL TOPSHAM 3 L/R PF	**(PREMIUM FIRE)**
	CORNER BELL YORK 3 L/R PF	**(PREMIUM FIRE)**

Gas	**: NATURAL GAS**	**: BUTANE / PROPANE**
Country	: **GB; Great Britain/IE; Ireland**	: **GB; Great Britain/IE; Ireland**
Gas regulator block (remote control) Main burner	: Mertik GV 60 : Premium Fire 600 x 240 mm	: Mertik GV 60 : Premium Fire 600 x 240 mm
Main burner injector L Left-Rear and Left-Front	: LR: Ø1.50 mm LF: Ø1.20 mm	: LR: Ø0.80 mm LF: Ø0.75 mm
Main burner injector M Middle-Front	: MF: Ø1.30 mm	: MF: Ø0.75 mm
Main burner injector R Right-Rear and Right-Front	: RR: Ø1.50 mm RF: Ø1.20 mm	: RR: Ø0.80 mm RF: Ø0.75 mm

"Front Burner"	=	LF + MF + RF
"Rear Burner"	=	LR + RR

Pilot light burner	: SIT 0.145.019	: SIT 0.145.019
Pilot light burner injector	: no. 36 (SIT 0.977.091)	: no. 23 (SIT 0.977.150)
Gas connection	: 3/8” G / Ø12 mm	: 3/8” G / Ø12 mm
Concentric flue system connection	: Ø100 mm - Ø150 mm or Ø130 mm - Ø200 mm	: Ø100 mm - Ø150 mm or Ø130 mm - Ø200 mm
Remote control batteries - Receiver - Hand transmitter	 : N/A : 2x 1.5V AAA	 : N/A : 2x 1.5V AAA
Electrical connection Electrical power consumption	: 230 VAC / 50 Hz : 50 W (max.) / IP 20	: 230 VAC / 50 Hz : 50 W (max.) / IP 20
Weight	: See the basic installation instructions	

(*) : All burners at maximum setting and appliance at the required temperature.
(**) : All burners at maximum setting and appliance cold.
(***) : All burners at minimum setting.

Flue gas exhaust and combustion air supply:
Roof termination : Concentric flue system Ø100 mm-Ø150 mm rigid and/or flexible.
Wall termination : Concentric flue system Ø130 mm-Ø200 mm rigid.
With wall outlet, depending on the flue construction; Ø100 mm-Ø150 mm or Ø130 mm-Ø200 mm.

Heat exchanging surface: Entire front of the appliance.

SUPPLEMENT CH. 8: REPLACEMENT PARTS LIST

No.	Article no.	Description
		Main burner "Premium Fire" 600 x 240 mm Natural gas G20 / Butane/Propane G30/G31
1	3.....	G20: Ø6.0 mm Left-Rear Ø3.5 mm Left-Front Ø6.0 mm Middle-Front Ø6.0 mm Right-Rear Ø3.5 mm Right-Front
2	3.....	G30/G31: Ø14x8 mm Left-Rear Ø14x8 mm Left-Front Ø15x8 mm + 2x Ø3.5 mm Middle-Front Ø14x8 mm Right-Rear Ø14x8 mm Right-Front
3	301915	Main burner injector Natural gas; Left-Rear: Ø1.50 mm
4	334874	Main burner injector Natural gas; Left-Front: Ø1.20 mm
5	301928	Main burner injector Natural gas; Middle-Front: Ø1.30 mm
6	301915	Main burner injector Natural gas; Right-Rear: Ø1.50 mm
7	334874	Main burner injector Natural gas; Right-Front: Ø1.20 mm
8	340430	Main burner injector Butane/Propane; Left-Rear: Ø0.80 mm
9	340431	Main burner injector Butane/Propane; Left-Front: Ø0.75 mm
10	340431	Main burner injector Butane/Propane; Middle-Front: Ø0.75 mm
11	340430	Main burner injector Butane/Propane; Right-Rear: Ø0.80 mm
12	340431	Main burner injector Butane/Propane; Right-Front: Ø0.75 mm
13	341643	Handheld Transmitter Symax 2 - EU - 10 buttons Bellfires
14	341644	Receiver Symax 2 - EU
15	333605	Module 230V AC (Light)
16	333912	Fuse T 2.5A 250V Module
17	333606	5-Pole cable Receiver - Module
18	333748	Ambient lighting lamp 230V AC, E14, 25W
19	341645	WIFI-box Symax 2 - Bellfires
20	341647	WIFI-box cable - L= 1000 mm
21	340469	Log set (14 part) Natural gas / Butane/Propane incl. embers and decorative ash
22	340089	'Fire Glass' Dark Amber (2.5kg)
23	340091	'Fire Glass' Black (1.0 kg)
24	.....	'Fire Glass' Black (0.5 kg)

Logs - 'Fire Glass' - Embers - Decorative Ash

Appliance	Log set Art. no.: 340469															´Fire Glass´ Dark Amber	´Fire Glass´ Black
	Set	Log no.												Embers with Glow effect Anthracite	Decorative ash light grey		
		14	15	16	17	18	19	20	21	22	23	24	25	Bag: 50 gr.	Bag: 10 gr.	Bag: 2.5 kg.	Bag: 1.0 kg.
	Art. no.:	340019	340020	340021	340022	340023	340024	340025	340026	340027	340028	340029	340030	xxxxxx	340031	340089	340091
* Derby Large 3 PF * Derby Small 3 PF * Topsham Large 3 PF * York Small 3 PF * Corner Bell Topsham 3 L/R PF * View Bell Topsham 3 PF	Number	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	3x	1x	1x	1x	1x
* View Bell Derby 3 PF * View Bell Small 3 PF * View Bell York 3 PF * Corner Bell Derby 3 L/R PF * Corner Bell Small 3 L/R PF * Corner Bell York 3 L/R PF	Number	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	3x	1x	1x	1x	1½x
* York Large 3 PF	Number	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	3x	1x	1x	1x	2x

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