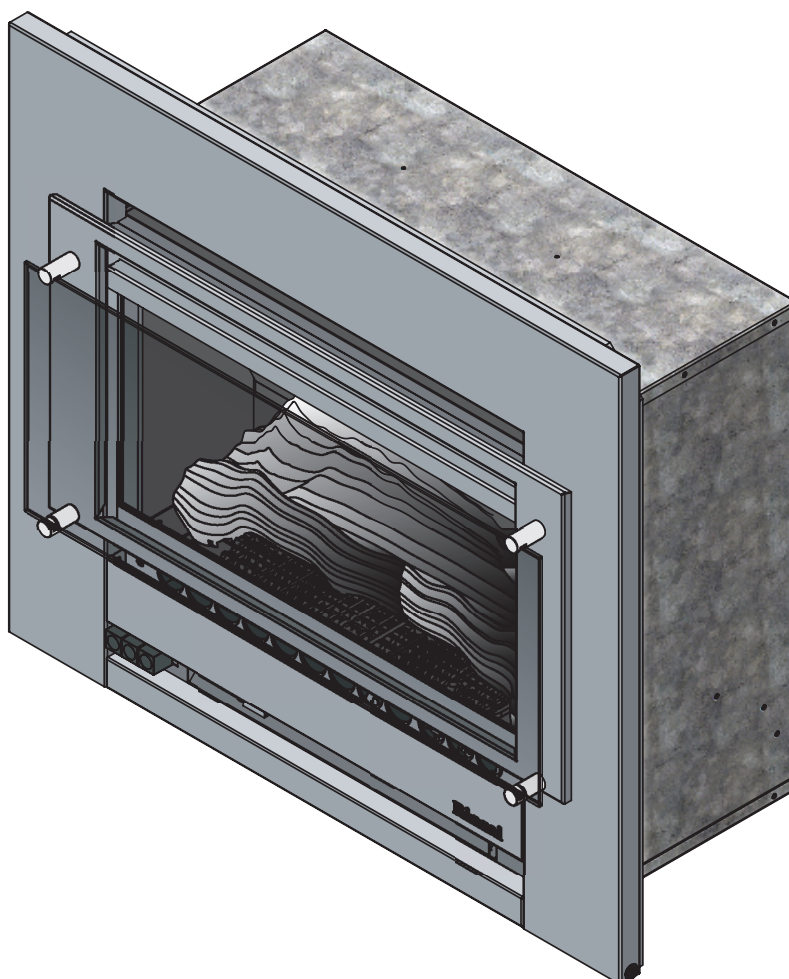


Rinnai

SERVICE MANUAL

Slimfire 252 - RIBF2

INBUILT FLAME FIRE





The Australian
Gas Association

All Rinnai products are certified by the Australian Gas Association as compliant to relevant Australian Standards.



Quality
ISO 9001

SAI GLOBAL

**Quality
Endorsed
Company**

Lic 4983
Head Office Certified

Distributed and serviced
in Australia under a
Quality System certified
as complying with ISO
9001 by SAI Global

Rinnai Australia Head Office is certified as complying with ISO 9001 by SAI Global.



**Quality
Endorsed
Company**

ISO 9001 Reg 415

Rinnai New Zealand has been certified to ISO 9001 Quality Assurance by Telarc.



All Rinnai products carry the “C Tick” symbol. This signifies compliance with the Electromagnetic Compatibility (EMC) requirements of the Australian Communications Authority (ACA) which aim to minimise electromagnetic interference.

Rinnai Australia Supplier Code N10378.

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Produced by Technical Services Department

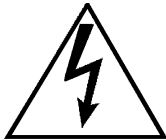
2012 - Issue 1

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Key to Warning Symbols



Failure to comply with the following instructions may result in serious personal injury or damage to the appliance.



Be careful of possible electric shock. Wiring inside this appliance may potentially be at 240 Volts.



Read Fault Diagnosis and Wiring Diagram carefully to avoid incorrect wiring

Please follow instructions carefully to ensure safe and appropriate service. After completing the service and confirming that there no gas leaks or incorrect wiring, test operation of unit according to the Customer Operating Instructions. After confirming normal operation, explain what was serviced to the customer and operation principles if necessary.

This manual has been compiled by Rinnai Australia Engineering & Technical Group. While many individuals have contributed to this publication, it will be successful only if you - the reader and customer - find it useful. We would like to extend an invitation to users of this manual to make contact with us, as your feedback and suggestions are valuable resources for us to include as improvements. Rinnai are constantly working toward supplying improved appliances as well as information, and specifications may be subject to alteration at any time.

Slimfire 252 - RIBF2
Issue N^o1

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Glossary of Terms and Symbols

This glossary of terms and symbols is provided to assist you in understanding some of the language used throughout this manual.

dB(A)	-	sound pressure level in decibels, “A” range
DC	-	direct current
AC	-	alternating current
Hz	-	Hertz
IC	-	integrated circuit
kcal/h	-	kilocalorie per hour
kPa	-	kilopascals
LED	-	light emitting diode
mA	-	milliamps
MJ/h	-	megajoule per hour
mm	-	millimetres
OHS	-	overheat switch
PCB	-	printed circuit board
CPU	-	central processing unit
POT	-	potentiometer
rpm	-	revolutions per minute
SV	-	solenoid valve
ø	-	diameter
Δ °C	-	temperature rise above ambient
POV	-	modulating valve
TH	-	thermistor

1. Introduction

The Slimfire 252 Inbuilt Flame Fire consists of a glass-fronted combustion chamber and heat exchanger system (incorporating 2 burners). Controls is by a lower front mounted Rinnai push-button operated multi-functional gas control. A convection fan is incorporated in the base.

The heater is packed with the log set in the combustion chamber, retained by the glass panel which is removed for access.

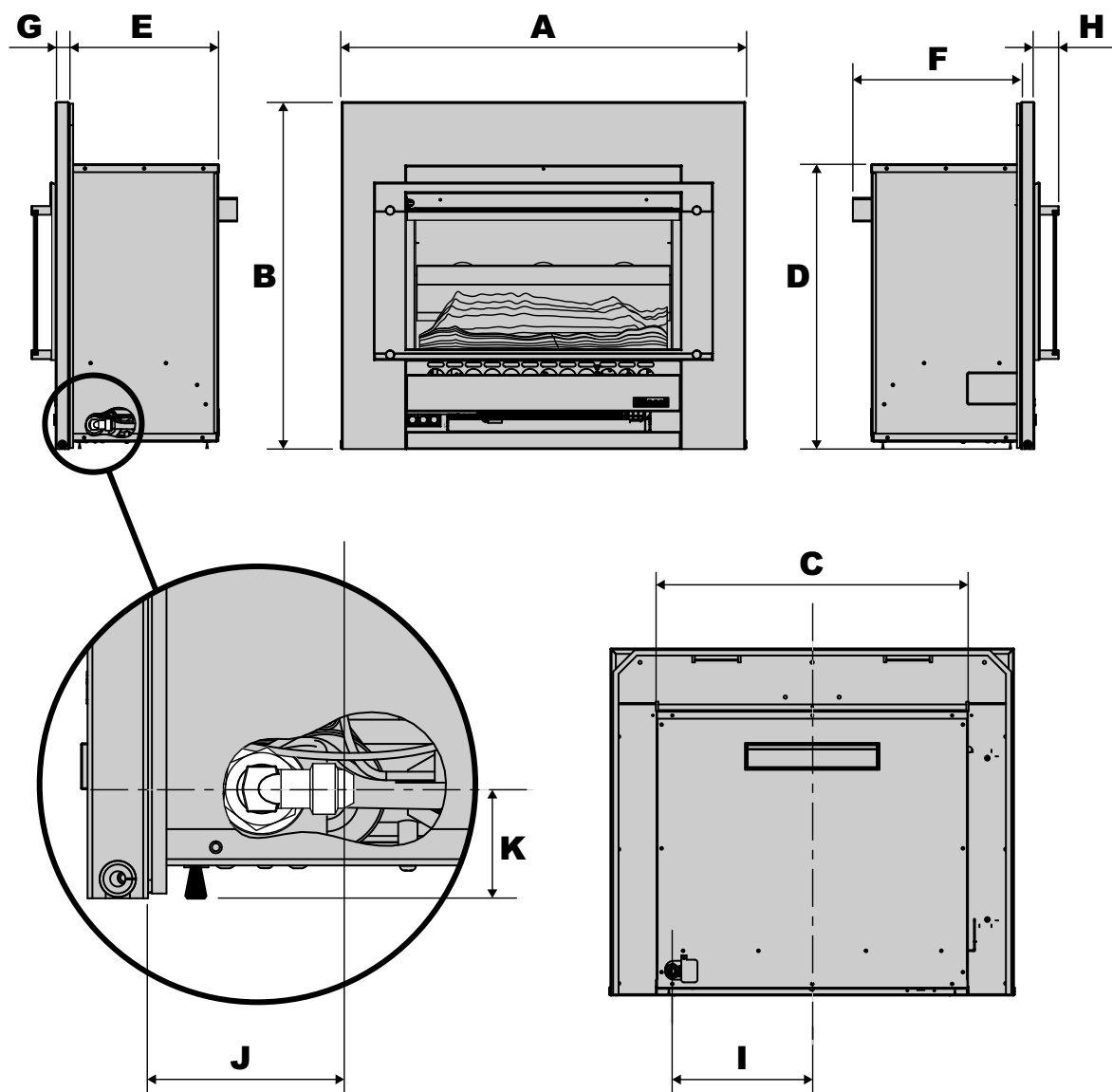
2. Specifications

Model Number	RIBF2N (Natural Gas) / RIBF2L (Propane)		
Model name	Slimfire 252 Gas Log Flame Fire		
General description	Inbuilt Radiant/Convector, glass fronted, ceramic log space heater with forced convection and natural draft flue system.		
Features	Inbuilt & Fireplace installation Burning log effect Glass front Convection Fan, top warm air outlet Glass Dress Guard		
Installation - Masonry - Inbuilt	Masonry (FlexiLiner if required) Combustible Opening (Zero Clearance Box & Twin skinned Flue)		
Burners	Ember bed and flame burner		
Combustion System	Naturally aspirated multi port burner.		
Flue Type, Natural draft.	Can be flued directly into a sealed chimney as per AS/NZS 5601 or fitted with a Rinnai approved flue system:		
Flue - Masonry (if required) Flue - Zero clearance	FlexiLiner single skinned, diameter: Ø100 mm. Twin skinned, diameter: inner Ø100mm x outer Ø150mm.		
Flue Terminal	Rectangular spigot rear discharge 43mm x 245mm		
Convection Fan	Tangential 2 speed, power rating 28 Watts		
Gas connection	1/2" BSPF male flare		
Gas Control	Push button combination control valve		
Operation	Push button to light pilot and burners (Low, Medium & High)		
Gas type	NG, Propane (AU) / NG, Universal LPG (NZ Only!)		
Gas input rates, MJ/h	Pilot/Front Low Medium High	Natural Gas 7.7 8.0 14.2 25.0	Propane 9.0 9.0 15.8 25.0
Burner Pressure, kPa	High	Natural Gas 0.92	Propane 2.00
Appliance Data Plate location	Bottom panel, front right hand side		
Ignition	Continuous Spark Electronic Ignition		
Power Supply	240 V 50 Hz, 1500 mm cord is supplied with a 3 pin plug		
Power Consumption	High 20 W		
Safety Devices	Flame Failure Thermocouple Overheat Switch (Bi-metal strip) Fan delay (Bi-metal strip) Electrical Fuse Power Failure Protection		
Glass - Primary Glass - Secondary Glass seal material Log Set	Ceramic Glass Tempered Glass Woven fibreglass chord - Hytex® 1000 by mid Mountain USA / Ceramic		
Weight	39 Kg		

Burners and Pilots	Natural Gas			Propane		
	Injector # M=Multi S=Single	Nominal Gas Rate MJ/h	Gas Pressure kPa	Injector # M=Multi S=Single	Nominal Gas Rate MJ/h	Gas Pressure kPa
Rear Burner HI	460M	25	0.92 / 1.13	200M	25	2.0 / 2.75
Front Burner Lo	170M	9	-	95S	9	-
Bypass Orifice	Ø1.4mm	-	-	Ø0.9mm	-	-
SIT Pilot #	#45	-	-	#30	-	-

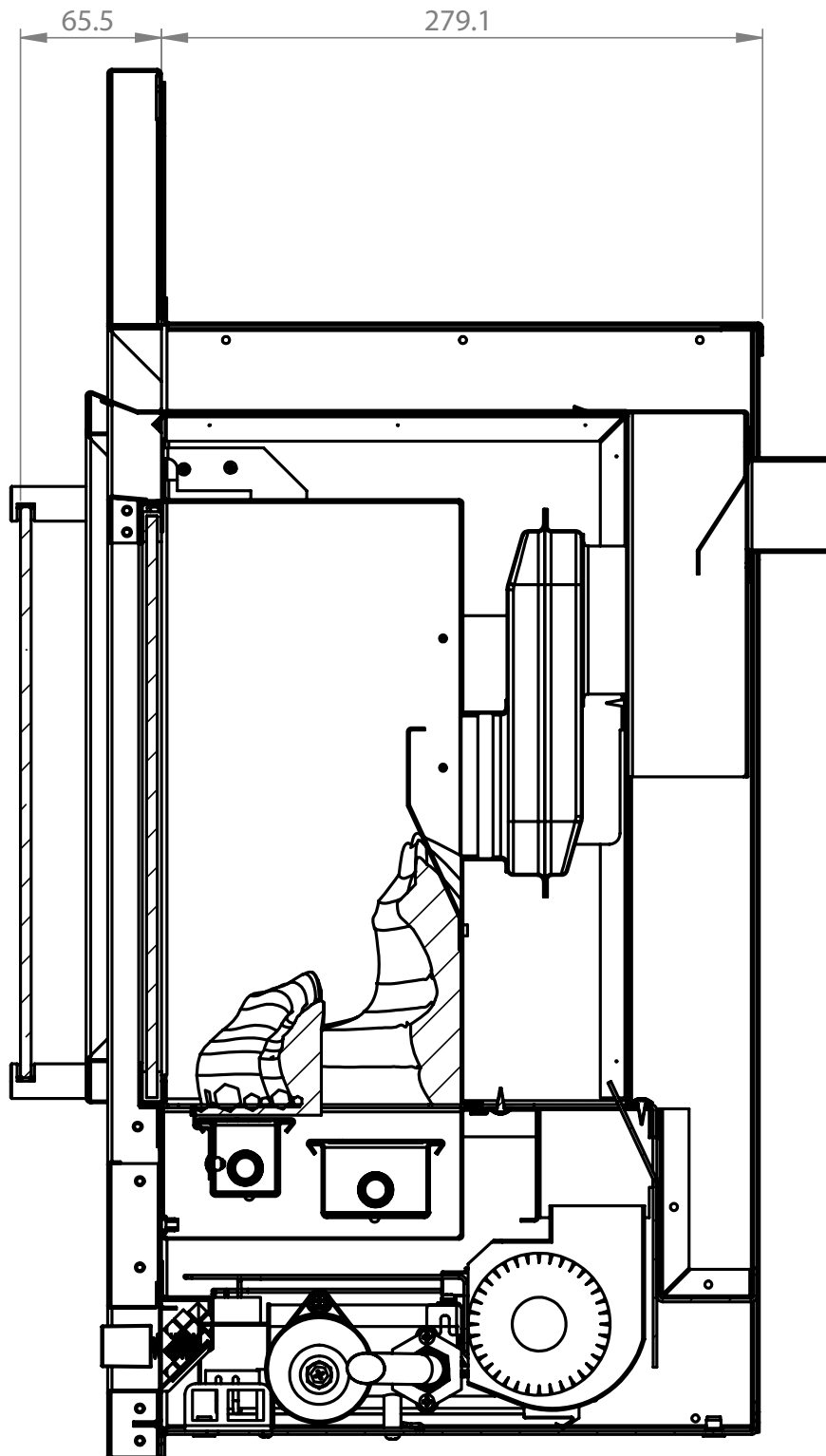
3. Dimensions

Note: All dimensions are in millimetres



A	B	C	D	E	F	G	H	I	J	K
750mm	645mm	582mm	528mm	227mm	310mm	25mm	45mm	280mm	79mm	43mm

4. Cut-Away



5. Flueing



The following diagrams illustrate the flue installation options that are available for the Slimfire 252 flame. Only the genuine Rinnai Flamefire (FLF) flue is certified as part of the Rinnai Slimfire 252 space heaters.

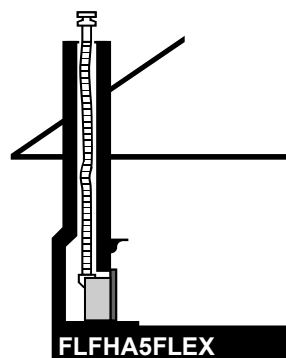
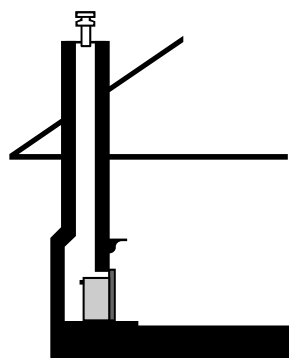
Only an authorised person must install, service and remove the Rinnai Slimfire 252 space heater & flue system.

Only the flue system components described in the 'Flueing Installation Manual For Rinnai Flamefire Heaters' that is provided with the flue kit must be used.

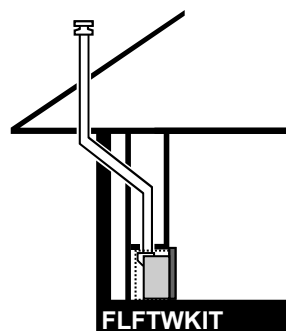
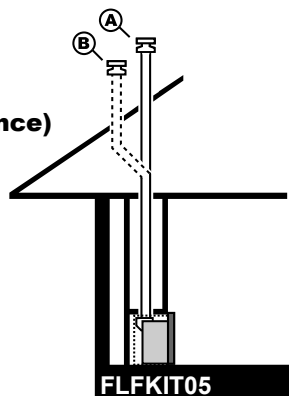
Components that are not described in that manual, whether manufactured by Rinnai or otherwise, are not compatible and must not be used.

Rinnai appliance warranty conditions may be voided if non Rinnai flue components are fitted.

**Inbuilt
(Masonry)**



**Inbuilt
(Zero Clearance)**



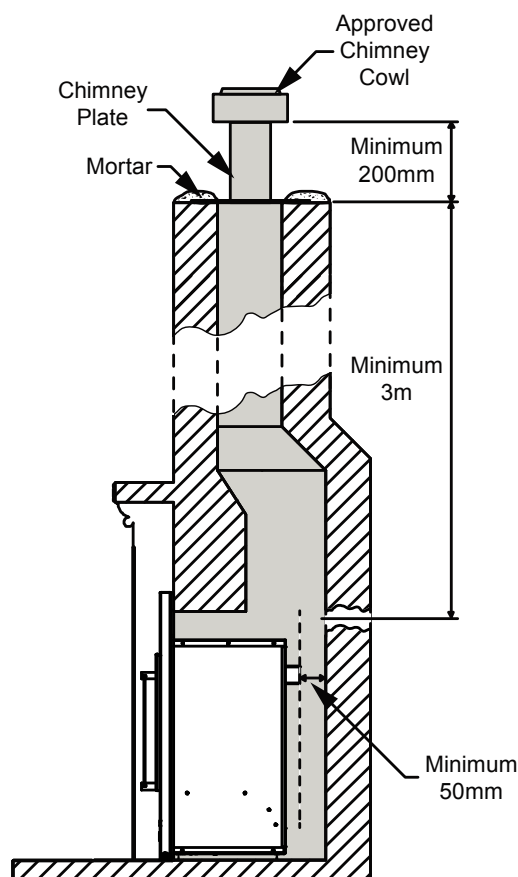
Ⓐ Direct flue Ⓑ Offset flue

Install the Rinnai rigid flue system components in accordance with the 'Flueing Installation Manual For Rinnai Flamefire Heaters' that are provided with the flue kit.

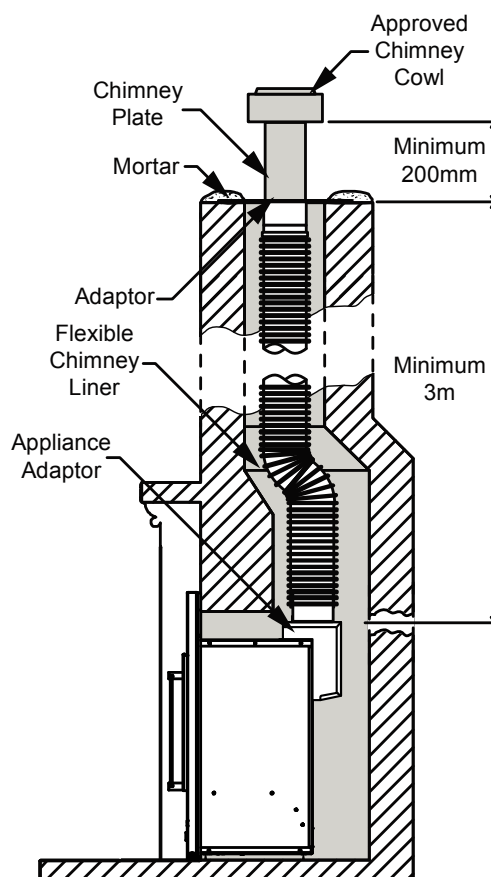
Two masonry flue installation options are available. These are Open Chimney and Lined Chimney.

An 'Open Chimney' installation uses the natural draft properties of a sound chimney along with the addition of an approved chimney plate and cowl to provide the flueing for the heater. If there is doubt as to the soundness of the proposed chimney then a Rinnai Flexiliner FLFHA5FLEX should then be installed.

A 'Lined Chimney' installation is used when the existing chimney condition is inadequate for an Open Chimney installation and uses a Rinnai Flexiliner (flexible) flue system "FLFHA5FLEX" to provide the flueing for the heater, refer to the instruction sheet provided with this kit for installation details.



Open Chimney Installation



Lined Chimney Installation

OPEN INSTALLATION METHOD

The chimney must be physically checked first and must meet the following set criteria along with local regulations. Failure to meet these criteria will not only void the product warranty but may affect the performance of the heater.

Chimney Criteria For Open Installation

- All loose/broken bricks must be replaced or repaired ensuring the chimney is of sound construction and does not leak in accordance with AS/NZS 5601.
- Any under floor air supply to the fireplace must be completely sealed off to prevent secondary air draw.
- Total chimney height **MUST NOT** be less than 3 metres and flue cowl must terminate above the chimney in accordance with AS/NZS 5601.
- The chimney must be swept clean and be free of soot and creosote that may have built up if previously used for a solid fuel fire.
- The hearth surface must be flat and level to support the entire heater. If the heater is not properly supported noise and vibration may result.

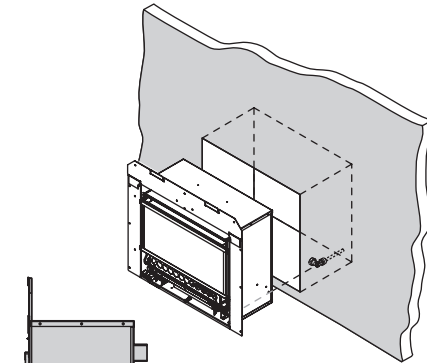


In a masonry fireplace, use a slurry of sand and cement to level the base as required.

6. Main Componentry

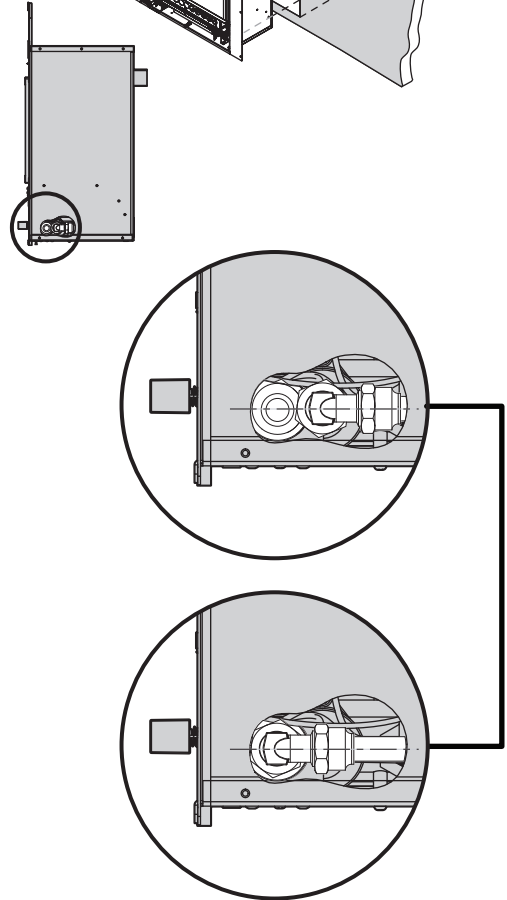
Gas Connection

- Run gas supply - for pipe sizing, refer to your local gas installation codes. Copper supply should be run leaving a flared connection at the position shown.
- Purge supply of air and debris - all foreign materials such as fillings must be purged from the gas supply, as they may cause the gas control valve to malfunction.
- Fit heater - when the heater is in place and properly secured, attached the gas supply to the supplied barrel union and tighten. On completion of work a gas leak test must be carried out.



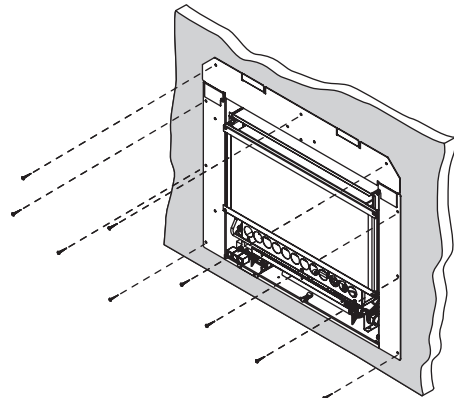
Log Installation

- Remove the logset and granule packet from their packaging and place the logs in the combustion chamber. Note: the fit of the logs in the combustion chamber is all that is required for proper location, but care needs to be taken to make sure that the logset is sitting flat on the base of the chamber and is not sitting on the front edge of the burner box.
- Carefully PLACE (do not pour) sufficient granules onto the front burner only. Avoid pushing the granules under the log or spilling over the front of the burner.
- Replace the glass ensuring the joint in the glass sealing tape is at the bottom.



Electrical Connection

- The heater has a power cord with a three pin plug supplied. The power cord passes through the slot in the lower left or right hand side of the heater front assembly and **must** be plugged into a 240V, 10A earthed power point. The power point must be a minimum of 300 mm to the side of the heater (it must not be above the heater).
- Refer to local electrical codes if the power supply is to be concealed within the installation enclosure.



Rinnai Slimfire Zero Clearance Kit - Flueing

Refer to Operation / Installation Manual supplied with heater (pages 20 - 22).

7. Fault Finding

Rinnai recommends that this appliance be serviced every 2 years, including inspection of the flue system. If the power supply cord, gas supply hose or any other component of the heater is damaged, they must be replaced by Rinnai or a suitably qualified person.

Any service or repair work should only be carried out by an authorized person.

SYMPTOM	CAUSE	SOLUTION
Burner will not light	No power present No gas present Power cut Air in gas supply pipe Ignition failure	Ensure power cord is plugged in and turned on Ensure gas supply is turned on Re-ignite when power has been restored Purge air (installer) Repeat lighting procedure (refer page 5)
Smell of gas	Leaking gas	Turn off gas at meter/LPG cylinder and call installer
Fan not working	Heat switch not activated No power present	Allow heater to run on "high" for about 5 minutes Ensure power cord is plugged in and turned on Check power supply
Small soot deposits	Normal operation	No action required
Severe soot deposits forming on logs or glass	Inadequate flue system Incorrect gas pressure Log misalignment	Call Rinnai service department/agent
Condensation on glass	Normal operation	Allow heater to warm up
Streaky lines on glass	Normal operation	Call Rinnai service department/agent

Do not remove any panels or attempt to carry out any service work other than that mentioned in the trouble shooting chart.

The user shall be advised that appliances incorporating a solid fuel effect, and designed to operate with luminous flames, may exhibit slight carbon deposits.

If you are unsure about the way your heater is operating, contact Rinnai Australia, or your local agent.

8. Gas Pressure Setting Procedure



Refer separate document available from Rinnai.

9. Testing and Commissioning

Natural Gas to Propane Testing Procedure

Turn gas supply on and plug the unit into the power supply. (Caution 240V).

To check burner Pressure

- Refer to Data Plate (Refer Table 1).
- Remove two screws securing front panel and remove front cover panel and remove five screws on front trim panel covering gas control.
- Remove test point screw and attach manometer to test point, the test point is on the front injector block.
- Light heater, turn to High heat setting and check pressure.
- If adjustments are necessary, the regulator is situated on the front of the gas control and should be set to the pressures on the data plate.
- After checking pressure, turn the unit off, remove manometer and replace test point screw. Check for gas escapes on test point screw.
- Turn the heater on and off a few times to check ignition.
- When you are satisfied that the heater is working correctly, reassemble panels.
- All burner aerations are factory preset and cannot be adjusted.
- It may take approximately 2 hours of operation for the logs to achieve their full flame pattern and glow.
- During the initial burning in period, some smoke and smell may be experienced, the heater should run on the high setting in a well ventilated room until these dissipate.

It is the responsibility of the installer to check that under normal operating conditions of the appliance, all flue gases are exhausted to the outside atmosphere and that there is no spillage of combustion gases into the room. Please refer to AS/NZS 5601 Clause 5.13.3.3.

Commissioning

Installation and commissioning check list

Complete the installation check list and the installer details on page 22 and make sure that the customer operating and installation manual is left with the customer.

Instruct customer on use of unit

Explain to customer about use and care of unit. Make sure the customer understands the instructions and the operation of the appliance.

The tempered glass primary guard on this appliance conforms to AGA requirements. It is designed to prevent the risk of injury from burns and no part of it should be permanently removed. IT DOES NOT GIVE FULL PROTECTION TO YOUR CHILDREN OR THE INFIRM.

The manufacturer reserves the right to change or modify specifications without notice.

Table 1:

Burner Pressure Settings		
All burners turned on HIGH	Natural Gas	Propane
	0.92 kPa	2.00 kPa

10. Dismantling for Servicing



NOTE: Before proceeding with dismantling, be sure to follow the **CAUTION** instructions before each explanation.

CAUTION

240 Volt exposure. Isolate the electrical supply to the appliance and reconfirm with the neon screwdriver or multimeter. Disconnect gas supply.

All work should be carried out by qualified service technician

<u>ITEM</u>	<u>PAGE</u>
1/ Remove Front Glass Panel Assembly.....	13
2/ Removal of Front Trim and Gas Control Cover Plate	13
3/ Remove Glass Front.....	14
4/ Removal of Log set	14
5/ Remove Rear Burner	14
6/ Details of Aeration Sleeves and Burners	15
7/ Remove gas control / pilot assembly and burner tray	15
8/ Ignition system and PCB	16
9/ Servicing pilot.....	16
10/ Overheat / Fan Activation switch	16
11/ Removal of Fan.....	16

Unless otherwise stated, re-assembly is the reverse of dismantling.



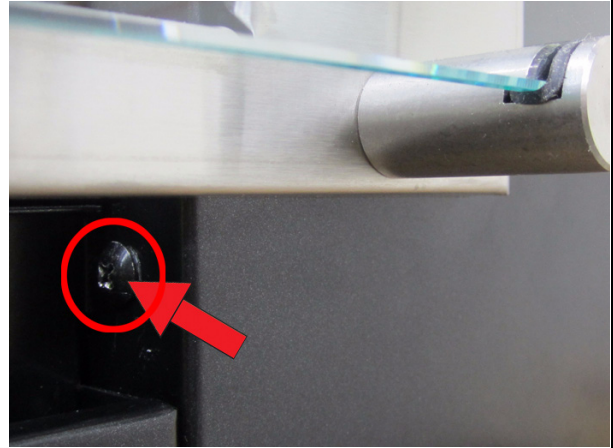
CAUTION

240 Volt exposure. Isolate the electrical supply to the appliance and reconfirm with the neon screwdriver or multimeter. Disconnect gas supply.

All work should be carried out by qualified service technician

1) Remove Front Glass Panel Assembly.

- a. Undo two screws 1 x left and 1 x right corner bottom of panel.
- b. Pull up and away from unit.



2) Removal of Front Trim and Gas Control Cover Plate



3) Remove Glass Front

- a. Remove top 2 screws and bracket and loosen bottom 2 screws.
 - b. Lift glass up and out.
- Note: Joint in seal on lower edge of glass





CAUTION

240 Volt exposure. Isolate the electrical supply to the appliance and reconfirm with the neon screwdriver or multimeter. Disconnect gas supply.

All work should be carried out by qualified service technician

4) Removal of Log set

- a. Lift log set up and out.
- b. Remove granules by unscrew retaining screw right hand side of front burner.
- c. Lift burner with granules up and out **carefully to avoid spillage of granules.**

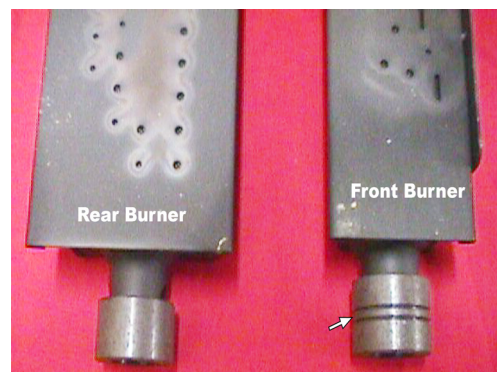


5) Remove Rear Burner

- a. Remove retaining screw right hand end and lift burner clear from injector.

6) Details of Aeration Sleeves and Burners

- a. Ensure you do not drop aeration sleeves when removing burners.
- b. Rear Burner has a 21 mm sleeve.
Front Burner has a 17 mm sleeve.
- c. LPG burners do not have aeration sleeves.





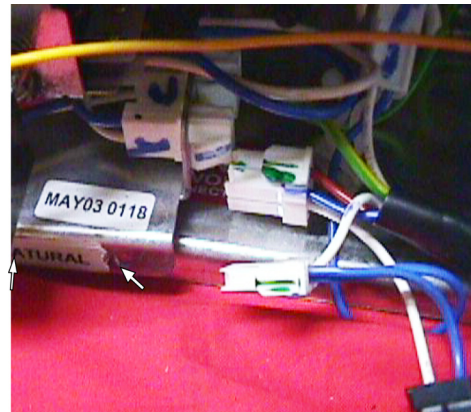
CAUTION

240 Volt exposure. Isolate the electrical supply to the appliance and reconfirm with the neon screwdriver or multimeter. Disconnect gas supply.

All work should be carried out by qualified service technician

7) Remove gas control / pilot assembly and burner tray

- a. Unscrew 2 screws under gas control.
- b. Remove 2 screws either side of burner tray.
- c. Undo gas nut right hand side using 3/4" spanner.
- d. Remove lower glass support bar 2 screws.
- e. Undo 2 cable ties and disconnect plug to fan temperature switch.
- f. Disconnect power cord 2 pin plug.
- g. Disconnect 2 plastic plugs under gas control.
- h. Side out burner tray swing to left hand side.



8) Ignition system and PCB

- a. Remove 2 pin ignition plug.
- b. Remove high tension igniter lead.
- c. Remove earth wire screw and star washer.
- d. Remove 1 self tapping screw lower edge PCB.
- e. Slide PCB towards front of unit and remove.





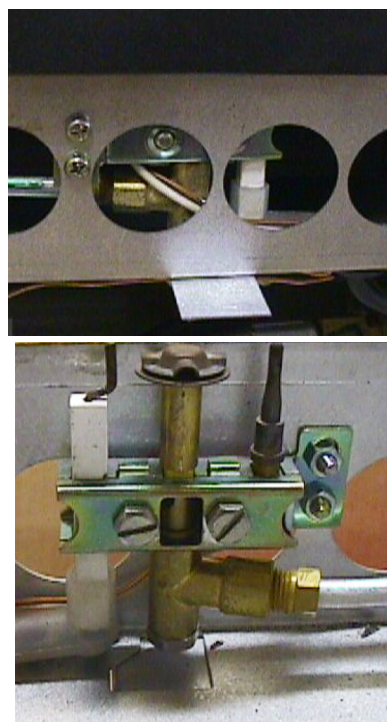
CAUTION

240 Volt exposure. Isolate the electrical supply to the appliance and reconfirm with the neon screwdriver or multimeter. Disconnect gas supply.

All work should be carried out by qualified service technician

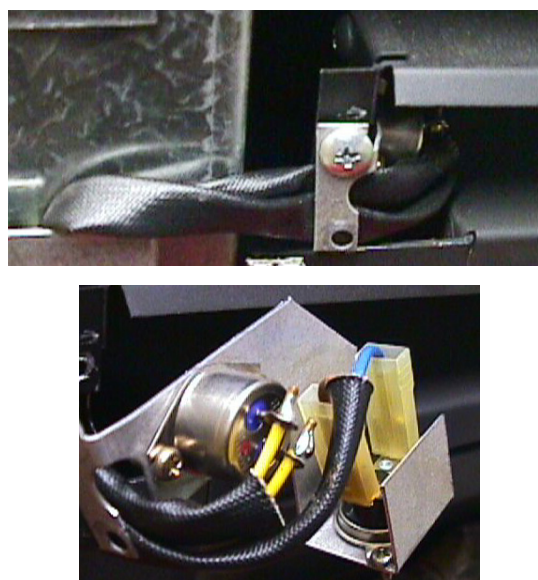
9) Servicing pilot

- a. To remove pilot injector and ignition plug. Swing forward cover plate in base of burner tray.
- b. Undo screw in base of pilot assembly.
- c. Unscrew pilot injector.
- d. To remove pilot burner assembly - remove 2 mounting screws. Undo 2 bolts on pilot retaining clamp, and undo pilot nut and tube.
- e. Remove pilot assembly.
- f. Remove thermocouple lead, push down on grommet on the base of tray.
- g. Disconnect thermocouple lead connection rear of gas control.



10) Overheat / Fan Activation switch

- a. Remove 2 mounting screws from cable cover left hand side of heater.
- b. Remove 2 screws 1 for the overheat activation switch and 1 x fan switch left hand side of Heater.
- c. Remove 1 mounting screw top left hand corner of heat exchanger which is the mounting bracket and lift bracket away from heat exchanger.
- d. Unplug wires.

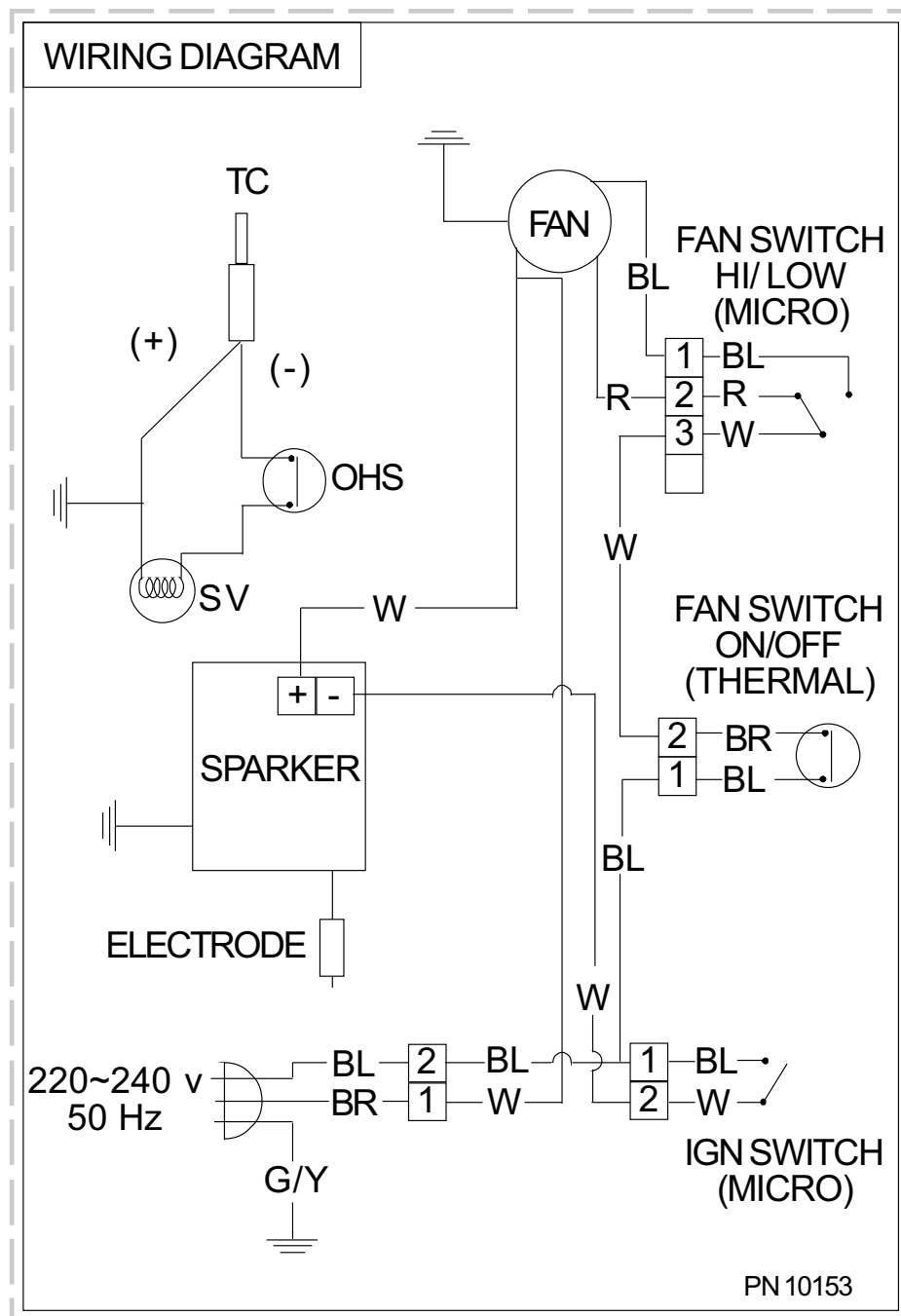


11) Removal of Fan

- a. Remove wires from earth, wire front frame on fan loom.
- b. Remove 4 screws. 2 each side of fan mounting plate.
- c. Lower fan and remove.



11. Wiring Diagram

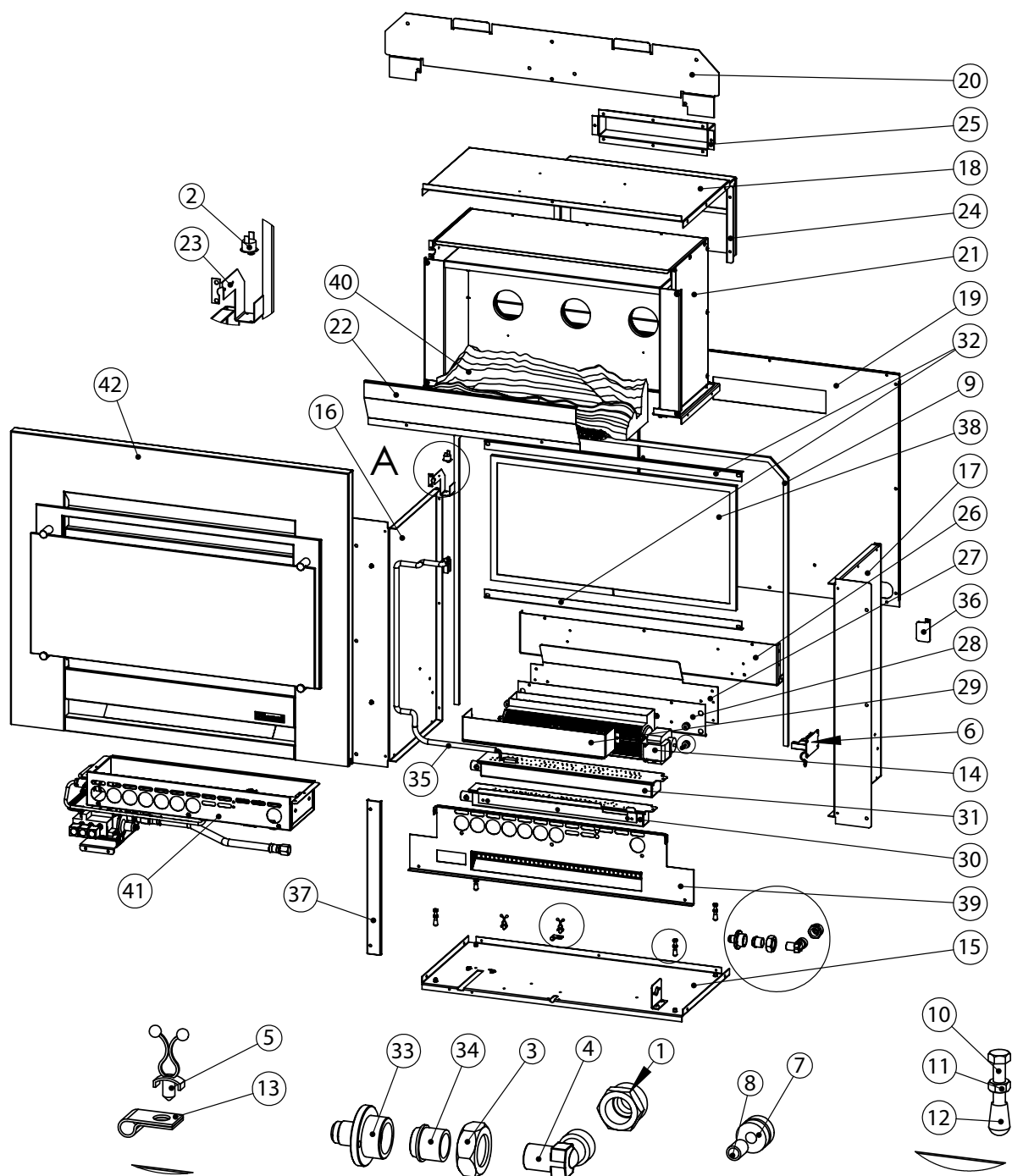


R	RED
BL	BLUE
BR	BROWN
W	WHITE
G/Y	GREEN YELLOW

OHS	OVER HEAT SWITCH
SV	SOLENOID VALVE
TC	THERMOCOUPLE

If the supply cord is damaged or requires replacing, it must be replaced by the manufacturer or the manufacturer's agent or similarly qualified person in order to avoid a hazard. The supply cord must only be replaced with a genuine Rinnai spare part.

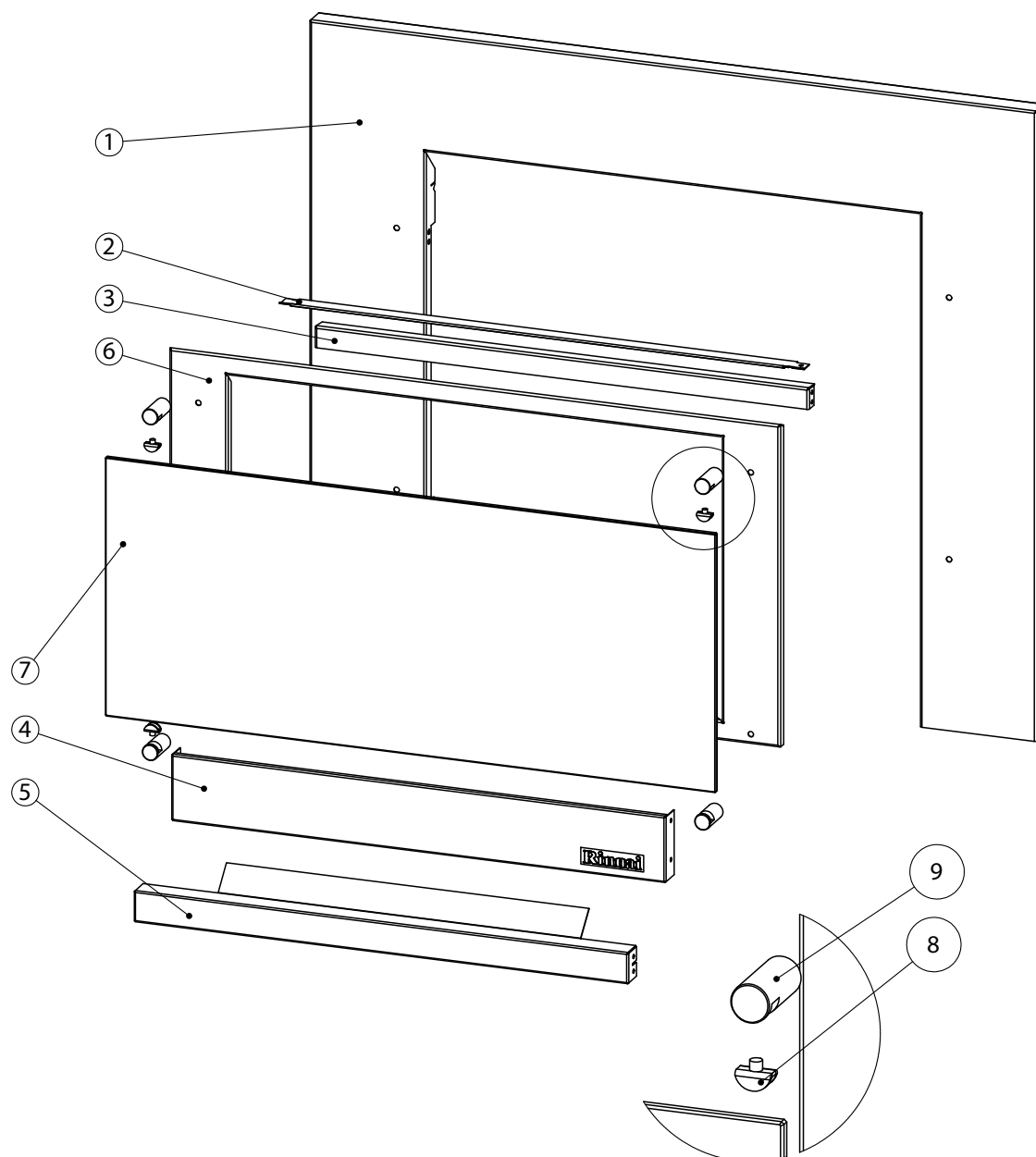
12. Exploded Diagrams & Parts List



Slimfire 252 - (RIBF2) Spare Parts

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	5064	NUT 1/2 COMPRESSION
2	1	6635	SWITCH FAN REH241
3	1	6679	REG BARREL UNION NUT
4	1	6680	REG GAS INLET ELBOW
5	2	6698	CABLE CLIP REH210
6	1	6917	SPARKER UCH/EC
7	4	7129	FAN MTG GROMMET
8	4	7130	FAN MTG SLEEVE
9	1	7171	FLUE SEAL IBF
10	4	9117	SCREW M5X30 HEX HEAD SET ZINC
11	4	9190	NUT M5 ZP
12	4	9551	PLASTIC CAP M5 IBF
13	1	9552	POWERCORD CLAMP H905 No4 IBF
14	1	10100x1	FAN 51173 NCB L60x300R12/16-0
15	1	10102	PANEL BOTTOM ASSY IBF
16	1	10103B	PANEL SIDE LH ASSY IBF PAINT
17	1	10104B	PANEL SIDE RH ASSY IBF PAINTED
18	1	10105	PANEL TOP IBF
19	1	10106B	PANEL REAR IBF PAINTED
20	1	10107	PANEL TOP FRONT IBF
21	1	10108	COMB CHAMBER ASSY PAINTED IBF
22	1	10109B	PANEL HEATSHIELD IBF ENAMELLED
23	1	10115	BRACKET TEMP SWITCH IBF
24	1	10120	PANEL DRAFT HOOD ASSY IBF
25	1	10119	PANEL FLUE SPIGOT ASY RECT IBF
26	1	10122	PANEL FAN SUPPORT IBF
27	1	10123	PANEL FAN BRACKET IBF
28	1	10124	BRACKET FAN MOUNTING IBF
29	1	10125	PANEL FAN GUIDE IBF
30	1	10128	BURNER FRONT ASSY PAINTED IBF
31	1	10129	BURNER REAR ASSY PAINTED IBF
32	2	10142B	GLASS RETAINER BLACK IBF
33	1	10148	ADAPTOR GAS CONNECTION IBF
34	1	10160	INLET BARREL UNION SLEEVE IBF
35	1	10161	HARNESS FAN SWITCH IBF
36	1	10169	BRKT RODENT FLAP IBF
37	1	10162	PANEL WIRE COVER IBF
38	1	10182	GLASS ASSEMBLY IBF
39	1	11845GL	PANEL FRONT TRIM REAR S2 GLXY
40	1	11997	LOG SET C/W GRANULES RIBF2
41	1	GASCONTROL A	SEE GAS CONTROL SPARE PART LIST

FASCIA



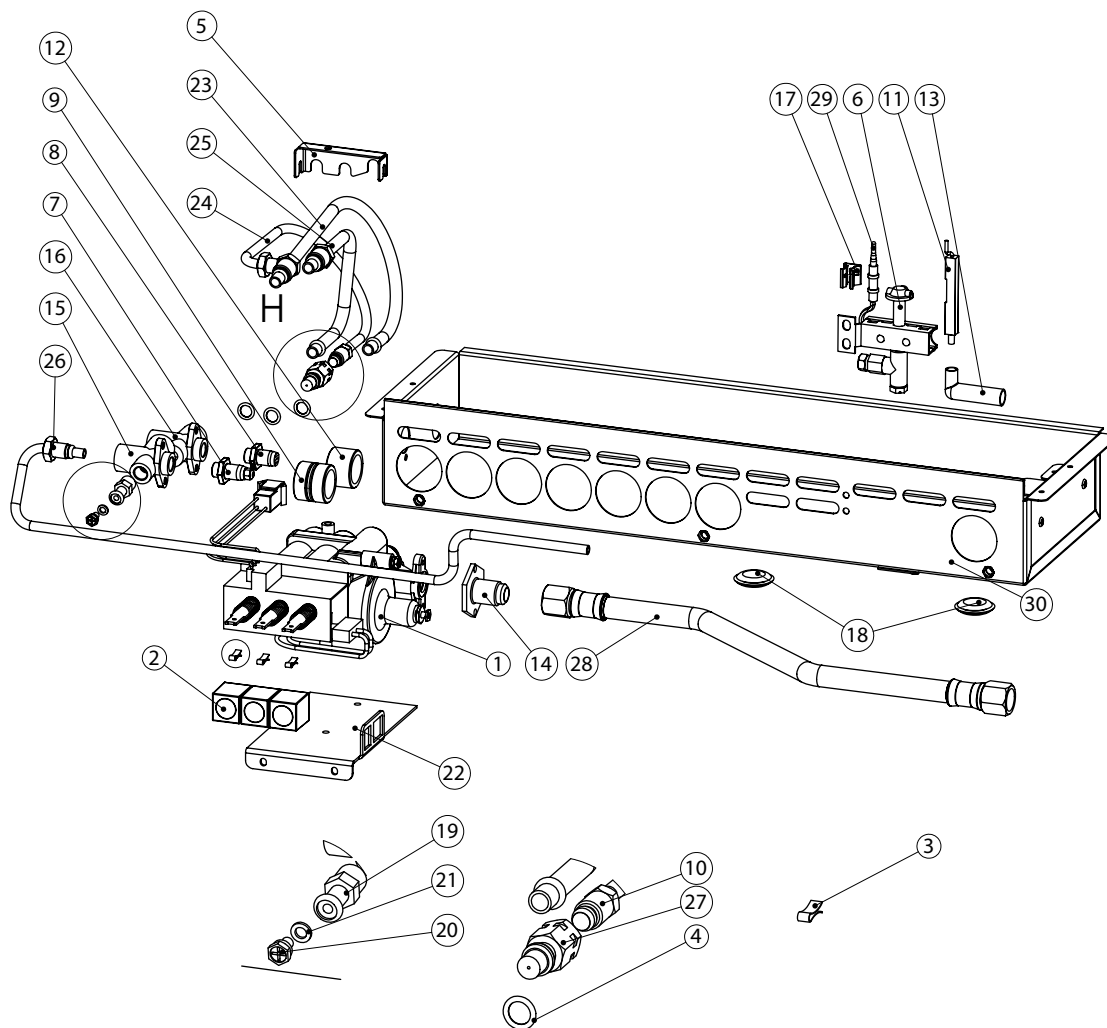
Effective: 28/03/2012

V1

Slimfire 252 - (RIBF2) Fascia Components

ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	11839GL	PANEL FRONT OUTER GALAXY RIBF2
1	1	11991SS	FRONT PANEL ASSY SS RIBF2
2	1	11841B	PANEL FRONT TOP LVRE BLK RIBF2
3	1	11842B	PANEL FRONT TRM UPPER BLK RIBF2
4	1	11843GL	PANEL FRONT TRIM MID GLXY RIBF2
4	1	11992SS	FRONT PANEL TRIM MDLE SS RIBF2
5	1	11844GL	PANEL FRONT TRIM LWR GLXY RIBF 2
5	1	11993SS	FRONT TRIM LOWER SS RIBF2
6	1	11849B	PANEL FRONT INNER FRME BLK RIBF2
6	1	11846SS	PANEL FRONT INNER FRME RIBF SS
7	1	11848	GLASS TEMPERED 630x265x5 RIBF2
8	4	11877	GROMMET GLASS STAND OFF
9	4	11898	GLASS STAND-OFF

GAS CONTROL



Slimfire 252 - (RIBF2) Gas Control

Effective: 28/03/12-V1

ITEM NO	QTY	PART NO	DESCRIPTION	ITEM NO	QTY	PART NO	DESCRIPTION
1	1	4995	GAS CONTROL ASSY FLAME FIRES	21	1	9995	PRESS. TEST POINT PACKING
2	3	6617G	CONTROL BUTTON BLK REH241	22	1	10126	BRACKET CONTROL MOUNTING IBF
3	3	6618	BUTTON SPRING UCH/EC	23	1	10130	GAS SUPPLY TUBE A IBF
4	3	6642	O RING M10B-1-8	24	1	10131	GAS SUPPLY TUBE B IBF
5	1	6643	TUBE MAIN GAS RETAINER (3)	25	1	10132	GAS SUPPLY TUBE C IBF
6	1	7008	PILOT ASSY W/INJ 0.45 NG 100094	26	1	10134	GAS SUPPLY TUBE PILOT IBF
6	1	7008L	PILOT ASSY W/INJ 0.30 LPG.	27	1	10158	BYPASS ORIFICE 1.4 NG
7	1	7173	INJECTOR BRAY 95 CAT23 SINGLE PROPANE	27	1	10159	BYPASS ORIFICE 0.9 LP
7	1	7184	INJECTOR BRAY 170 CAT33 MULTI NG	28	1	10147	HOSE SS 10x400 3/8 SAE IBF
8	1	7183	INJECTOR BRAY 200 CAT33 MULTI PROPANE	29	1	10157	THERMOCOUPLE ASSY IBF
8	1	7156	INJECTOR BRAY 460 CAT33 MULTI NG	30	1	11847	PANEL BURNER BOX ASSY S2
9	1	7296	AERATION SLEEVE 21 MM NG ONLY				
10	1	7519	OLIVE 6mm				
11	1	7521	ELECTRODE CATOBA				
12	1	7258	AIRATION SLEEVE 17mm NG ONLY				
13	1	7564	ELECTRODE SLEEVE				
14	1	7856	INLET ADAPTOR 3/8 SAE FLARE				
15	1	7958	INJECTOR BLOCK A+B+C+D				
16	1	7959	INJECTOR BLOCK A+B+C				
17	1	9377	THERMOCOUPLE RETAINER				
18	2	9550	GROMMET IMB305 19MM				
19	1	9992	PRESS. TEST POINT				
20	1	9994	PRESS. TEST POINT SCREW				

CHECKLIST

Check list to be completed by Certified Gas Installer

	NO	YES
1. Is the appliance positioned in a suitable location (clearances, combustible clearances, mantels and surrounds etc)?	<input type="checkbox"/>	<input type="checkbox"/>
2. Was a Rinnai approved flue system installed and tested in accordance with the instructions?	<input type="checkbox"/>	<input type="checkbox"/>
3. Has the gas pressure checked and set?	<input type="checkbox"/>	<input type="checkbox"/>
4. Has the log set / burn media been installed as per instructions?	<input type="checkbox"/>	<input type="checkbox"/>
5. Was the appliance tested for correct operation and to ensure no gas leaks?	<input type="checkbox"/>	<input type="checkbox"/>
6. Has the customer been instructed on operating procedure and safety requirements?	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the end-user fully aware of operating procedure?	<input type="checkbox"/>	<input type="checkbox"/>
8. Has the Glass Dress Guard been fitted?	<input type="checkbox"/>	<input type="checkbox"/>
9. Has the customer been advised not to remove the glass dress-guard?	<input type="checkbox"/>	<input type="checkbox"/>
10. Has the customer been advised to service the heater every two years?	<input type="checkbox"/>	<input type="checkbox"/>

Rinnai

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**Cost of a local call Higher from mobile or public phones.*

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